

Title	Journal	Link	Publication date	References	Top Paper
Photoacoustic properties of polypyrrole nanoparticles	Nanomaterials		2021	Peter, Keša, Monika, Paúrová, Michal, Babič, Tomáš, Heizer, Petr, Matouš, Karolína, Turnovcová, Dana, Mareková, Luděk, Šefc, Vit, Herynek	Yes
Morphological, functional, and molecular assessment of breast cancer bone metastases by experimental ultrasound techniques compared with magnetic resonance imaging and histological analysis	Bone		2021	Henrik, Heinen, Lisa, Seyler, Vanessa, Popp, Konstantin, Hellwig, Aline, Bozec, Michael, Uder, Stephan, Ellmann, Tobias, Bäuerle	Yes
Contrast-Enhanced Multispectral Photoacoustic Imaging for Irregular Hepatectomy Navigation: A Pilot Study	ACS Biomaterials Science & Engineering	https://pubs.acs.org/doi/10.1021/acsbmaterials.0c00921	2020	Yueming, Zhang, Jing, Lv, Pingguo, Liu, Xingyang, Zhao, Kang, Chen, Qiaolin, Li, Liming, Nie, Chihua, Fang	Yes
Clinically-applicable perfluorocarbon-loaded nanoparticles for in vivo photoacoustic, 19f magnetic resonance and fluorescent imaging	Nanotheranostics		2018	Edyta, Swider, Khalid, Daoudi, Alexander H.J., Staal, Olga, Koshkina, N., Koen van Riessen, Eric, van Dinther, I. Jolanda M., de Vries, Chris L., de Korte, Mangala, Srinivas	Yes
Tetrazine-Derived Near-Infrared Dye as a Facile Reagent for Developing Targeted Photoacoustic Imaging Agents	Molecular Pharmaceutics		2020	Samantha, Slikboer, Zoya, Naperstkow, Nancy, Janzen, Amber, Faraday, Yohannes, Soenjaya, Johann, Le Flo'c'h, Salma, Al-Karmi, Rowan, Swann, Kevin, Wyszatko, Christine E. M., Demore, Stuart, Foster, John F., Valliant	Yes
Silicon carbide nanoparticles as a photoacoustic and photoluminescent dual-imaging contrast agent for long-term cell tracking	Nanoscale Advances	http://xlink.rsc.org/?DOI=C9NA00237E	2019	Fang, Chen, Eric R., Zhao, Tao, Hu, Yuesong, Shi, Donald J., Sribuly, Jesse V., Jokerst	Yes
Transcranial Photoacoustic Detection of Blood-Brain Barrier Disruption Following Focused Ultrasound-Mediated Nanoparticle Delivery	Molecular Imaging and Biology	http://link.springer.com/10.1007/s11307-019-01397-4	2020	Johann, Le Flo'c'h, Hoang D., Lu, Tristan L., Lim, Christine, Démoré, Robert K., Prud'homme, Kullervo, Hynynen, F. Stuart, Foster	Yes
New Strategy for Specific Eradication of Implant-Related Infections Based on Special and Selective Degradability of Rhenium Trioxide Nanocubes	ACS Applied Materials & Interfaces	https://pubs.acs.org/doi/10.1021/acsmi.9b07359	2019	Wenlong, Zhang, Chuang, Yang, Ziyu, Lei, Guoqiang, Guan, Shu-ang, He, Zhenbo, Zhang, Rujia, Zou, Hao, Shen, Junqing, Hu	Yes
In Vivo Photoacoustic Tracking of Mesenchymal Stem Cell Viability	ACS Nano	https://pubs.acs.org/doi/10.1021/acsnano.9b01802	2019	Kabir S., Dhada, Derek S., Hernandez, Laura J., Suggs	Yes
Indocyanine Green J Aggregates in Polymersomes for Near-Infrared Photoacoustic Imaging	ACS Applied Materials & Interfaces	https://pubs.acs.org/doi/10.1021/acsmi.9b14519	2019	Behzad, Changanalvaie, Sangheon, Han, Ehsan, Moaseri, Federica, Scaletti, Lauren, Truong, Rosalie, Caplan, Alice, Cao, Richard, Bouchard, Thomas M., Truskett, Konstantin V., Sokolov, Keith P., Johnston	Yes
Development of a Human Photoacoustic Imaging Reporter Gene Using the Clinical Dye Indocyanine Green	Radiology: Imaging Cancer	http://pubs.rsna.org/doi/10.1148/rycan.2019190035	2019	Nivin N., Nyström, Lawrence C.M., Yip, Jeffrey J.L., Carson, Timothy J., Scholl, John A., Ronald	Yes

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Evaluation of ductal carcinoma in situ grade via triple-modal molecular imaging of B7-H3 expression	npj Breast Cancer	http://dx.doi.org/10.1038/s41523-020-0158-y	2020	Sunitha, Bachawal, Gregory R., Bean, Gregor, Krings, Katherine E., Wilson	Yes
Non-Invasive Photoacoustic Imaging of In Vivo Mice with Erythrocyte Derived Optical Nanoparticles to Detect CAD/MI	Scientific Reports	http://dx.doi.org/10.1038/s41598-020-62868-1	2020	Yonggang, Liu, Taylor, Hanley, Hao, Chen, Steven R., Long, Sanjiv S., Gambhir, Zhen, Cheng, Joseph C., Wu, Georges El, Fakhri, Bahman, Anvari, Raiyan T., Zaman	Yes
Assessment of Metastatic and Reactive Sentinel Lymph Nodes with B7-H3-Targeted Ultrasound Molecular Imaging: A Longitudinal Study in Mouse Models	Molecular Imaging and Biology	http://link.springer.com/10.1007/s11307-020-01478-9	2020	Fengyang, Zheng, Pan, Li, Sunitha V., Bachawal, Huaijun, Wang, Chaolun, Li, Wei, Yuan, Beijian, Huang, Ramasamy, Paulmurugan	Yes
Dynamic solid-state ultrasound contrast agent for monitoring pH fluctuations in vivo.	ACS Sensors	https://pubs.acs.org/doi/10.1021/acssensors.0c00245	2020	Julia Ann-Therese, Walker, Xiaowei, Wang, Karlheinz, Peter, Kristian, Kempe, Simon Robert, Corrie	Yes
Photoacoustic Imaging Quantifies Drug Release from Nanocarriers via Redox Chemistry of Dye-Labeled Cargo	Angewandte Chemie International Edition	https://onlinelibrary.wiley.com/doi/abs/10.1002/anie.201914120	2020	Ananthakrishnan Soundaram, Jeevarathinam, Jeanne E., Lemaster, Fang, Chen, Eric, Zhao, Jesse V., Jokerst	Yes
Noninvasive monitoring of liver metastasis development via combined multispectral photoacoustic imaging and fluorescence diffuse optical tomography	International Journal of Biological Sciences	http://www.ijbs.com/v16p1616.htm	2020	Jonathan, Lavaud, Maxime, Henry, Pascal, Gayet, Arnold, Fertin, Julien, Voltaire, Yves, Usson, Jean-Luc, Coll, Véronique, Jossierand	Yes
Surface-anchored framework for generating RhD-epitope stealth red blood cells	Science Advances	https://advances.sciencemag.org/lookup/doi/10.1126/sciadv.aaw9679	2020	Yueqi, Zhao, Mingjie, Fan, Yanni, Chen, Zhaoming, Liu, Changyu, Shao, Biao, Jin, Xiaoyu, Wang, Lanlan, Hui, Shuaifei, Wang, Zhaoping, Liao, Daishun, Ling, Ruikang, Tang, Ben, Wang	Yes
Gadolinium Doping Enhances the Photoacoustic Signal of Synthetic Melanin Nanoparticles: A Dual Modality Contrast Agent for Stem Cell Imaging	Chemistry of Materials	http://pubs.acs.org/doi/10.1021/acs.chemmater.8b04333	2018	Jeanne E., Lemaster, Zhao, Wang, Ali, Hariri, Fang, Chen, Ziyang, Hu, Yuran, Huang, Christopher V., Barback, Richard, Cochran, Nathan C., Gianneschi, Jesse V, Jokerst	Yes
Intraoperative Resection Guidance with Photoacoustic and Fluorescence Molecular Imaging Using an Anti-B7-H3 Antibody-Indocyanine Green Dual Contrast Agent	Clinical Cancer Research	http://doi.org/10.1158/1078-0432.CCR-18-0417	2018	Katherine E., Wilson, Sunitha V, Bachawal, Juergen K., Willmann	Yes
Spectroscopic photoacoustic molecular imaging of breast cancer using a B7-H3-targeted ICG contrast agent	Theranostics		2017	Katherine E., Wilson, Sunitha V., Bachawal, Lofth, Abou-Elkacem, Kristen, Jensen, Steven, Machtaler, Lu, Tian, Jürgen K., Willmann	Yes
Molecular Contrast-Enhanced Ultrasound Imaging of Radiation-Induced P-Selectin Expression in Healthy Mice Colon	International Journal of Radiation Oncology*Biophysics	http://linkinghub.elsevier.com/retrieve/pii/S0360301616333843	2017	Ahmed, El Kaffas, Kevin, Smith, Pooja, Pradhan, Steven, Machtaler, Huaijun, Wang, Rie, von Eyben, Jürgen K., Willmann, Dimitre, Hristov	Yes

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iRGD Peptide-Mediated Liposomal Nanoparticles with Photoacoustic/Ultrasound Dual-Modality Imaging for Precision Theranostics Against Hepatocellular Carcinoma	International journal of nanomedicine		2021	Huipu, Li, Shasha, Shi, Meng, Wu, Wei, Shen, Jianli, Ren, Zhechuan, Mei, Haitao, Ran, Zhigang, Wang, Yi, Tian, Jian, Gao, Hongyun, Zhao	No
Ultrasmall gold nanorod-polydopamine hybrids for enhanced photoacoustic imaging and photothermal therapy in second near-infrared window	Nanotheranostics		2022	Wonjun, Yim, Raina M., Borum, Jiajing, Zhou, Yash, Mantri, Zhuohong, Wu, Jingcheng, Zhou, Zhicheng, Jin, Matthew, Creyer, Jesse V., Jokerst	No
PEGylated Indium Nanoparticles: A Metallic Contrast Agent for Multiwavelength Photoacoustic Imaging and Second Near-Infrared Photothermal Therapy	ACS Applied Materials and Interfaces		2021	Yu, Chen, Haitao, Wu, Hu, Zhou, Zhaoxia, Miao, Fengqiu, Hong, Qingliang, Zhao, Zhenchao, Tao, Yan, Ma, Weidong, Zhao, Zhengbao, Zha	No
Intracellular vesicle entrapment of nanobubble ultrasound contrast agents targeted to PSMA promotes prolonged enhancement and stability in vivo and in vitro	Nanotheranostics		2022	Reshani H., Perera, Eric, Abenojar, Pinunta, Nittayacharn, Xinning, Wang, Gopal, Ramamurthy, Pubudu, Peiris, Ilya, Bederman, James P., Basilion, Agata A., Exner	No
Prussian blue-based theranostics for ameliorating acute kidney injury	Journal of Nanobiotechnology	https://doi.org/10.1186/s12951-021-01006-z	2021	Dong Yang, Zhang, Hengke, Liu, Kathy S., Zhu, Ting, He, Muhammad Rizwan, Younis, Chen, Yang, Shan, Lei, Jiayingzi, Wu, Jing, Lin, Junle, Qu, Peng, Huang	No
PH-triggered poly(ethylene glycol)-poly(lactic acid/glycolic acid)/crotonaline nanoparticles-assisted multiplexed photoacoustic imaging and enhanced photothermal cancer therapy	ACS Applied Bio Materials		2021	Shiying, Li, Kwok Ho, Lui, Xin, Li, Xueyang, Fang, Wai Sum, Lo, Yan Juan, Gu, Wing Tak, Wong	No
Hollow Mesoporous Silica Nanoparticles Gated by Chitosan-Copper Sulfide Composites as Theranostic Agents for the Treatment of Breast Cancer	Acta Biomaterialia		2021	Shiwei, Niu, Xuejing, Zhang, Gareth R., Williams, Jianrong, Wu, Feng, Gao, Zi, Fu, Xia, Chen, Sheng, Lu, Li Min, Zhu	No
Photoacoustic imaging of myocardial infarction region using non-invasive fibrin-targeted nanoparticles in a rat myocardial ischemia-reperfusion model	International Journal of Nanomedicine		2021	Yanan, Zhang, Xiajing, Chen, Lingjuan, Liu, Jie, Tian, Lan, Hao, Hai Tao, Ran	No
Development of an embedded multimodality imaging platform for onco-pharmacology using a smart anticancer prodrug as an example	Scientific Reports		2020	Florian, Raes, Serigne Moussa, Badiane, Brigitte, Renoux, Sébastien, Papot, Stéphanie, Lerondel, Alain, Le Pape	No
One-step synthesis of multifunctional nanoparticles for CT/PA imaging guided breast cancer photothermal therapy	Colloids and Surfaces B: Biointerfaces	https://doi.org/10.1016/j.colsurfb.2021.111630	2021	Liwen, Fu, Shuguang, Yang, Shichao, Jiang, Xiaojun, Zhou, Zhou, Sha, Chuanglong, He	No

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A multimodal molecular imaging approach targeting urokinase plasminogen activator receptor for the diagnosis, resection and surveillance of urothelial cell carcinoma	European Journal of Cancer	https://doi.org/10.1016/j.ejca.2021.01.001	2021	Victor M., Baart, Geertje, van der Horst, Marion M., Deken, Shadhvi S., Bhairosingh, Timo, Schomann, Vincent Q., Sier, Maaikje H., van der Mark, Luisa, Iamelle, Hugo, de Jonge, Massimo, Resnati, Andrew P., Mazar, Rob C.M., Pelger, Gabriel, van der Pluijm, Peter J.K., Kuppen, Alexander L., Vahrmeijer, Cornelis F.M., Sier	No
Gold nanoparticle-based nanoprobes with enhanced tumor targeting and photothermal/photodynamic response for therapy of osteosarcoma	Nanotechnology		2021	Shengren, Xiong, Guosheng, Xiong, Zhaohui, Li, Qing, Jiang, Jia, Yin, Ting, Yin, Hong, Zheng	No
Visualized podocyte-targeting and focused ultrasound responsive glucocorticoid nano-delivery system against immune-associated nephropathy without glucocorticoid side effect	Theranostics		2021	Kui, Fan, Li, Zeng, Jing, Guo, Shuqin, Xie, Yuan, Yu, Jianwei, Chen, Jin, Cao, Qinyanqiu, Xiang, Siliang, Zhang, Yuanli, Luo, Qingyue, Deng, Qin, Zhou, Yan, Zhao, Lan, Hao, Zhigang, Wang, Ling, Zhong	No
Multifunctional nanoparticles as theranostic agents for therapy and imaging of breast cancer	Journal of Photochemistry and Photobiology B: Biology	https://doi.org/10.1016/j.jphotobiol.2020.112110	2020	Donald A., Fernandes, Dennis D., Fernandes, Aimen, Malik, Gregory-Neal W., Gomes, Sila, Appak-Baskoy, Elizabeth, Berndt, Claudiu C., Gradinaru, Michael C., Kolios	No
Enhanced Antitumoral Activity and Photoacoustic Imaging Properties of AuNP-Enriched Endothelial Colony Forming Cells on Melanoma	Advanced Science		2020	Paolo, Armanetti, Anastasia, Chilla, Francesca, Margheri, Alessio, Biagioni, Luca, Menichetti, Giancarlo, Margheri, Fulvio, Ratto, Sonia, Centi, Francesca, Bianchini, Mirko, Severi, Rita, Traversi, Daniele, Bani, Matteo, Lulli, Tommaso, Del Rosso, Alessandra, Mocali, Elisabetta, Rovida, Mario, Del Rosso, Gabriella, Fibbi, Anna, Laurenzana	No
Ultrasound molecular imaging of atherosclerosis for early diagnosis and therapeutic evaluation through leucocyte-like multiple targeted microbubbles	Theranostics		2018	Fei, Yan, Yu, Sun, Yang, Mao, Meiyang, Wu, Zhiting, Deng, Shuai, Li, Xin, Liu, Li, Xue, Hairong, Zheng	No
Multifunctional nanotheranostic gold nanocage/ selenium core-shell for pai-guided chemo-photothermal synergistic therapy in vivo	International Journal of Nanomedicine		2020	Xueyang, Fang, Kwok Ho, Lui, Shiyang, Li, Wai Sum, Lo, Xin, Li, Yanjuan, Gu, Wing Tak, Wong	No
Biomimetic Anti-PD-1 Peptide-Loaded 2D FePSe 3 Nanosheets for Efficient Photothermal and Enhanced Immune Therapy with Multimodal MR/PA/Thermal Imaging	Advanced Science	https://onlinelibrary.wiley.com/doi/10.1002/adv.202003041	2021	Xueyang, Fang, Xianlin, Wu, Zhendong, Li, Lijun, Jiang, Wai-Sum, Lo, Guanmao, Chen, Yanjuan, Gu, Wing-Tak, Wong	No

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Multimodal Imaging of Pancreatic Ductal Adenocarcinoma Using Multifunctional Nanoparticles as Contrast Agents	ACS Applied Materials and Interfaces		2020	Ying, Zhao, Fei, Ye, Torkel B., Brismar, Xuan, Li, Rui, He, Rainer, Heuchel, Ramy, El-Sayed, Neus, Feliu, Wenyi, Zheng, Sandra, Oerther, Joydeep, Dutta, Wolfgang J., Parak, Mamoun, Muhammed, Moustapha, Hassan	No
Multifunctional tumor-targeted PLGA nanoparticles delivering Pt(IV)/siBIRC5 for US/MRI imaging and overcoming ovarian cancer resistance	Biomaterials		2020	Yanhua, Zhang, Yang, Dong, Hao, Fu, Hui, Huang, Zhihua, Wu, Meng, Zhao, Xupeng, Yang, Qianqian, Guo, Yourong, Duan, Ying, Sun	No
Photoacoustic and magnetic resonance imaging of hybrid manganese dioxide-coated ultra-small NaGdF₄ nanoparticles for spatiotemporal modulation of hypoxia in head and neck cancer	Cancers		2020	Laurie J., Rich, Jossana A., Damasco, Julia C., Bulmahn, Hilliard L., Kutscher, Paras N., Prasad, Mukund, Seshadri	No
Comparison of photoacoustic and fluorescence tomography for the in vivo imaging of ICG-labelled liposomes in the medullary cavity in mice	Photoacoustics	https://linkinghub.elsevier.com/retrieve/pii/S2213597920300501	2020	Jana, Humbert, Olga, Will, Tuula, Peñate-Medina, Oula, Peñate-Medina, Olav, Jansen, Marcus, Both, Claus-Christian, Glüer	No
Targeted theranostics of lung cancer: PD-L1-guided delivery of gold nanoprisms with chlorin e6 for enhanced imaging and photothermal/photodynamic therapy	Acta Biomaterialia	https://doi.org/10.1016/j.actbio.2020.09.040	2020	Bin, Liu, Guanglei, Qiao, Yu, Han, E., Shen, Gabriel, Alfranca, Haisong, Tan, Lirui, Wang, Shaojun, Pan, Lijun, Ma, Wujun, Xiong, Yanlei, Liu, Daxiang, Cui	No
In Vivo Real-Time Pharmaceutical Evaluations of Near-Infrared II Fluorescent Nanomedicine Bound Polyethylene Glycol Ligands for Tumor Photothermal Ablation	ACS Nano	https://pubs.acs.org/doi/10.1021/acsnano.0c05885	2020	Shengliang, Li, Haoting, Chen, Haile, Liu, Lu, Liu, Yuan, Yuan, Cong, Mao, Wei, Zhang, Xiaodong, Zhang, Weisheng, Guo, Chun-Sing, Lee, Xing-Jie, Liang	No
Opto-acoustic synergistic irradiation for vaporization of natural melanin-cored nanodroplets at safe energy levels and efficient sono-chemo-photothermal cancer therapy	Theranostics		2020	Yaxin, Hu, Shan, Xue, Ting, Long, Peizhao, Lyu, Xinyu, Zhang, Jingqin, Chen, Siping, Chen, Chengbo, Liu, Xin, Chen	No
Different PEG-PLGA Matrices Influence In Vivo Optical/Photoacoustic Imaging Performance and Biodistribution of NIR-Emitting π-Conjugated Polymer Contrast Agents	Advanced Healthcare Materials		2020	Paul Robert, Neumann, Frank, Erdmann, Joost, Holthof, Gabriela, Hädrich, Mark, Green, Jianghong, Rao, Lea Ann, Dailey	No

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Ultrasound-triggered therapeutic microbubbles enhance the efficacy of cytotoxic drugs by increasing circulation and tumor drug accumulation and limiting bioavailability and toxicity in normal tissues	Theranostics		2020	Nicola, Ingram, Laura E., McVeigh, Radwa H., Abou-Saleh, Juliana, Maynard, Sally A., Peyman, James R., McLaughlan, Michael, Fairclough, Gemma, Marston, Elizabeth M. A., Valleley, Jorge L., Jimenez-Macias, Antonia, Charalambous, William, Townley, Malcolm, Haddrick, Antonia, Wierzbicki, Alexander, Wright, Milène, Volpato, Peter B., Simpson, Darren E., Treanor, Neil H., Thomson, Paul M., Loadman, Richard J., Bushby, Benjamin R.G., Johnson, Pamela F., Jones, J. Anthony, Evans, Steven, Freear, Alexander F., Markham, Stephen D., Evans, P. Louise, Coletta	No
Engineering of SPECT/Photoacoustic Imaging/Antioxidative Stress Triple-Function Nanoprobe for Advanced Mesenchymal Stem Cell Therapy of Cerebral Ischemia	ACS Applied Materials & Interfaces	https://pubs.acs.org/doi/10.1021/acsami.0c10500	2020	Minghua, Yao, Xiaojing, Shi, Changjing, Zuo, Ming, Ma, Lu, Zhang, Hongbo, Zhang, Xin, Li, Guo-Yuan, Yang, Yaohui, Tang, Rong, Wu	No
Dual-modal magnetic resonance and photoacoustic tracking and outcome of transplanted tendon stem cells in the rat rotator cuff injury model	Scientific Reports	https://doi.org/10.1038/s41598-020-69214-5	2020	Xueqing, Cheng, Jinshun, Xu, Ziyue, Hu, Jingzhen, Jiang, Zhigang, Wang, Man, Lu	No
Platelet membrane-functionalized nanoparticles with improved targeting ability and lower hemorrhagic risk for thrombolysis therapy	Journal of Controlled Release	https://doi.org/10.1016/j.jconrel.2020.08.030	2020	Songli, Wang, Ruifeng, Wang, Nana, Meng, Haiyan, Guo, Sunyi, Wu, Xiaoyi, Wang, Jinyang, Li, Huan, Wang, Kuan, Jiang, Cao, Xie, Yu, Liu, Hao, Wang, Weiyue, Lu	No
Reduction Triggered In Situ Polymerization in Living Mice	Journal of the American Chemical Society		2020	Lina, Cui, Sandro, Vivona, Bryan Ronain, Smith, Sri Rajasekhar, Kothapalli, Jun, Liu, Xiaowei, Ma, Zixin, Chen, Madelynn, Taylor, Paul H., Kierstead, Jean M.J., Fréchet, Sanjiv S., Gambhir, Jiahong, Rao	No
Iron(II) phthalocyanine loaded and as1411 aptamer targeting nanoparticles: A nanocomplex for dual modal imaging and photothermal therapy of breast cancer	International Journal of Nanomedicine		2020	Yubei, He, Mengzhu, Wang, Ming, Fu, Xun, Yuan, Yuanli, Luo, Bin, Qiao, Jin, Cao, Zhigang, Wang, Lan, Hao, Gengbiao, Yuan	No
pH-responsive Ag2S nanodots loaded with heat shock protein 70 inhibitor for photoacoustic imaging-guided photothermal cancer therapy	Acta Biomaterialia		2020	Yaping, Zhong, Yibiao, Zou, Lingyan, Liu, Ruohan, Li, Fengfeng, Xue, Tao, Yi	No
In vivo photoacoustic guidance of stem cell injection and delivery for regenerative spinal cord therapies	Neurophotonics		2020	Kelsey P., Kubelick, Stanislav Y., Emelianov	No
The novel DPP-BDT nanoparticles as efficient photoacoustic imaging and positron emission tomography agents in living mice	International Journal of Nanomedicine		2020	Tingting, Li, Xiaoming, Hu, Quli, Fan, Zejing, Chen, Ziliang, Zheng, Ruiping, Zhang	No

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Construction of Nucleolin-Targeted Lipid Nanobubbles and Contrast-Enhanced Ultrasound Molecular Imaging in Triple-Negative Breast Cancer	Pharmaceutical Research		2020	Kejing, Fang, Luofu, Wang, Haiyun, Huang, Minmin, Lan, Daijia, Shen, Shiwu, Dong, Yanli, Guo	No
Inhibited metastasis and amplified chemotherapeutic effects by epigene-transfection based on a tumor-targeting nanoparticle	International Journal of Nanomedicine		2020	Mengzhu, Wang, Zhigang, Wang, Bin, Qiao, Jin, Cao, Luya, Quan, Yuanli, Luo, Hanwen, Qi, Xiaowen, Zhong, Yubei, He, Xianquan, Zhang, Lan, Hao	No
On-demand drug release nanoplatfrom based on fluorinated aza-BODIPY for imaging-guided chemo-phototherapy	Biomaterials	https://doi.org/10.1016/j.biomaterials.2020.120211	2020	Jiaojiao, Zhang, Han, Huang, Lei, Xue, Liping, Zhong, Wei, Ge, Xuejiao, Song, Yongxiang, Zhao, Wenjun, Wang, Xiaochen, Dong	No
Multimodal theranostics augmented by transmembrane polymer-sealed nano-enzymatic porous MoS2 nanoflowers	International Journal of Pharmaceutics	https://doi.org/10.1016/j.ijpharm.2020.119606	2020	Huiling, Jiang, Yilin, Du, Leilei, Chen, Min, Qian, Yafeng, Yang, Taotao, Huo, Xueying, Yan, Tao, Ye, Bing, Han, Yi, Wang, Rongqin, Huang	No
Magneto-plasmonic nanostars for image-guided and NIR-triggered drug delivery	Scientific Reports	http://dx.doi.org/10.1038/s41598-020-66706-2	2020	Asahi, Tomitaka, Hamed, Arami, Arash, Ahmadvand, Nezh, Pala, Anthony J., McGoron, Yasushi, Takemura, Marcelo, Febo, Madhavan, Nair	No
Targeted nanobubbles carrying indocyanine green for ultrasound, photoacoustic and fluorescence imaging of prostate cancer	International Journal of Nanomedicine		2020	Yixuan, Wang, Minmin, Lan, Daijia, Shen, Kejing, Fang, Lianhua, Zhu, Yu, Liu, Lan, Hao, Pan, Li	No
Ultrasound monitoring of magnet-guided delivery of mesenchymal stem cells labeled with magnetic lipid-polymer hybrid nanobubbles	Biomaterials Science	http://xlink.rsc.org/?DOI=D0BM00473A	2020	Bo, Zhang, Xinhai, Mo, Fei, Yu, Yuqin, Ma, Fei, Yan	No
Monocyte mimics improve mesenchymal stem cell-derived extracellular vesicle homing in a mouse MI/R1 model	Biomaterials	https://doi.org/10.1016/j.biomaterials.2020.120168	2020	Ning, Zhang, Yanan, Song, Zheyong, Huang, Jing, Chen, Haipeng, Tan, Hongbo, Yang, Mengkang, Fan, Qiyu, Li, Qiaozhi, Wang, Jinfeng, Gao, Zhiqing, Pang, Juying, Qian, Junbo, Ge	No
Ultrasound Molecular Imaging of Renal Cell Carcinoma: VEGFR targeted therapy monitored with VEGFR1 and FSHR targeted microbubbles	Scientific Reports	http://www.nature.com/articles/s41598-020-64433-2	2020	Alexandre, Ingels, Ingrid, Leguerney, Paul-Henry, Cournède, Jacques, Irani, Sophie, Ferlicot, Catherine, Sébrié, Baya, Benatsou, Laurene, Jourdain, Stephanie, Pitre-Champagnat, Jean-Jacques, Patard, Nathalie, Lassau	No
Ultrasound-Responsive Conversion of Microbubbles to Nanoparticles to Enable Background-Free in Vivo Photoacoustic Imaging	Nano Letters	https://pubs.acs.org/doi/10.1021/acs.nanolett.9b03331	2019	Zhouqi, Meng, Xuanfang, Zhou, Jialin, She, Yaojia, Zhang, Liangzhu, Feng, Zhuang, Liu	No
Indocyanine Green-Coated Gold Nanoclusters for Photoacoustic Imaging and Photothermal Therapy	Advanced Therapeutics	https://onlinelibrary.wiley.com/doi/abs/10.1002/adtp.201900088	2019	Elizabeth, Higbee-Dempsey, Ahmad, Amirshaghghi, Matthew J., Case, Joann, Miller, Theresa M., Busch, Andrew, Tsourkas	No

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Bioinspired lipoproteins-mediated photothermal mediated photothermal remodels tumor stroma to improve cancer cell accessibility of second nanoparticles	Nature Communications	http://dx.doi.org/10.1038/s41467-019-11235-4	2019	Tao, Tan, Haiyan, Hu, Hong, Wang, Jie, Li, Zhiwan, Wang, Jing, Wang, Siling, Wang, Zhiwen, Zhang, Yaping, Li	No
Mussel-inspired functionalization of semiconducting polymer nanoparticles for amplified photoacoustic imaging and photothermal therapy	Nanoscale	http://xlink.rsc.org/?DOI=C9NR03490K	2019	Biqing, Bao, Li, Tong, Yu, Xu, Jingjing, Zhang, Xue, Zhai, Peng, Su, Lixing, Weng, Lianhui, Wang	No
Molecular imaging of advanced atherosclerotic plaques with folate receptor-targeted 2D nanoprobes	Nano Research	http://link.springer.com/10.1007/s12274-019-2592-4	2020	Zhide, Guo, Liu, Yang, Mei, Chen, Xuejun, Wen, Huanhuan, Liu, Jingchao, Li, Duo, Xu, Yuanyuan, An, Changrong, Shi, Jindian, Li, Xinhui, Su, Zijing, Li, Ting, Liu, Rongqiang, Zhuang, Nanfeng, Zheng, Haibo, Zhu, Xianzhong, Zhang	No
Dual-stimuli responsive nanotheranostics for mild hyperthermia enhanced inhibition of Wnt/β-catenin signaling	Biomaterials	https://doi.org/10.1016/j.biomaterials.2019.119709	2020	Tao, Feng, Liang, Zhou, Zhongyuan, Wang, Chunxiao, Li, Yifan, Zhang, Jing, Lin, Desheng, Lu, Peng, Huang	No
Photomagnetic Prussian blue nanocubes: Synthesis, characterization, and biomedical applications	Nanomedicine: Nanotechnology, Biology and Medicine	https://doi.org/10.1016/j.nano.2019.102138	2020	Diego S., Dumani, Jason R., Cook, Kelsey P., Kubelick, Jeffrey J., Luci, Stanislav Y., Emelianov	No
Biodegradable Bi 2 O 2 Se Quantum Dots for Photoacoustic Imaging-Guided Cancer Photothermal Therapy	Small	https://onlinelibrary.wiley.com/doi/abs/10.1002/sml.201905208	2020	Hanhan, Xie, Mingqiang, Liu, Baihao, You, Guanghong, Luo, Yue, Chen, Bilu, Liu, Zhenyou, Jiang, Paul K., Chu, Jundong, Shao, Xue-Feng, Yu	No
Bimetallic nanodots for tri-modal CT/MRI/PA imaging and hypoxia-resistant thermoradiotherapy in the NIR-II biological windows	Biomaterials	https://doi.org/10.1016/j.biomaterials.2019.119656	2020	Meng, Lyu, Daoming, Zhu, Yanhong, Duo, Yang, Li, Hong, Quan	No
Biodegradable CoS2 nanoclusters for photothermal-enhanced chemodynamic therapy	Applied Materials Today	https://doi.org/10.1016/j.apmt.2019.100464	2020	Xianwen, Wang, Xiaoyan, Zhong, Zhengbao, Zha, Gang, He, Zhaohua, Miao, Huali, Lei, Qunyi, Luo, Rui, Zhang, Zhuang, Liu, Liang, Cheng	No
NIR/ROS-Responsive Black Phosphorus QD Vesicles as Immunoadjuvant Carrier for Specific Cancer Photodynamic Immunotherapy	Advanced Functional Materials	https://onlinelibrary.wiley.com/doi/abs/10.1002/adfm.201905758	2020	Zhi, Li, Yuehua, Hu, Qinrui, Fu, Yang, Liu, Jie, Wang, Jibin, Song, Huanghao, Yang	No
GSH-Depleted PtCu 3 Nanocages for Chemodynamic-Enhanced Sonodynamic Cancer Therapy	Advanced Functional Materials	https://onlinelibrary.wiley.com/doi/abs/10.1002/adfm.201907954	2020	Xiaoyan, Zhong, Xianwen, Wang, Liang, Cheng, Yong'an, Tang, Guiting, Zhan, Fei, Gong, Rui, Zhang, Jun, Hu, Zhuang, Liu, Xiangliang, Yang	No
Effects of Freezing on Mesenchymal Stem Cells Labeled with Gold Nanoparticles	Tissue Engineering Part C: Methods	https://www.liebertpub.com/doi/10.1089/ten.tec.2019.0198	2020	Makenna K., Laffey, Kelsey P., Kubelick, Eleanor M., Donnelly, Stanislav Y., Emelianov	No
Platelet-Mimicking Biotaxis Targeting Vasculature-Disrupted Tumors for Cascade Amplification of Hypoxia-Sensitive Therapy	ACS Nano	https://pubs.acs.org/doi/10.1021/acsnano.9b07330	2019	Mingkang, Zhang, Jing-Jie, Ye, Yu, Xia, Zi-Yang, Wang, Chu-Xin, Li, Xiao-Shuang, Wang, Wuyang, Yu, Wen, Song, Jun, Feng, Xian-Zheng, Zhang	No

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Scalable dextran-poly pyrrole nano-assemblies with photothermal/photoacoustic dual capabilities and enhanced biocompatibility	Carbohydrate Polymers	https://doi.org/10.1016/j.bbame.2019.183135	2020	Wanqiu, Huang, Tao, Leng, Miaomiao, Gao, Qiangqiang, Hu, Lingshan, Liu, Hongjing, Dou	No
Pickering Bubbles as Dual-Modality Ultrasound and Photoacoustic Contrast Agents	ACS Applied Materials & Interfaces	https://pubs.acs.org/doi/10.1021/acsmi.0c02091	2020	Al, de Leon, Peiran, Wei, Filip, Bordera, Dana, Wegierak, Madelyn, McMillen, David, Yan, Christina, Hemmingsen, Michael C., Kolios, Emily B., Pentzer, Agata A., Exner	No
Near-Infrared Light-Responsive Nitric Oxide Delivery Platform for Enhanced Radioimmunotherapy	Nano-Micro Letters	https://doi.org/10.1007/s40820-020-00431-3	2020	Xuanfang, Zhou, Zhouqi, Meng, Jialin, She, Yaojia, Zhang, Xuan, Yi, Hailin, Zhou, Jing, Zhong, Ziliang, Dong, Xiao, Han, Muchao, Chen, Qin, Fan, Kai, Yang, Chao, Wang	No
Magnetic targeted near-infrared II PA/MR imaging guided photothermal therapy to trigger cancer immunotherapy	Theranostics	http://www.thno.org/v10p4997.htm	2020	Qinrui, Fu, Zhi, Li, Jiamin, Ye, Zhong, Li, Fengfu, Fu, Syue-Liang, Lin, Cheng Allen, Chang, Huanghao, Yang, Jibin, Song	No
Light-activated gold nanorod vesicles with NIR-II fluorescence and photoacoustic imaging performances for cancer theranostics	Theranostics	http://www.thno.org/v10p4809.htm	2020	Xiaoguang, Ge, Qinrui, Fu, Lichao, Su, Zhi, Li, Wenmin, Zhang, Tao, Chen, Huanghao, Yang, Jibin, Song	No
Biodegradable rare earth fluorochloride nanocrystals for phototheranostics	RSC Advances	http://xlink.rsc.org/?DOI=D0RA00760A	2020	Xinyu, Zhao, Qi, Yu, Jun, Yuan, Nitish V., Thakor, Mei Chee, Tan	No
Ultra - small Pyropheophorbide - a Nanodots for Near - infrared Fluorescence/Photoacoustic Imaging-guided Photodynamic Therapy	Theranostics	http://www.thno.org/v10p0062.htm	2020	Kittipan, Siwawannapong, Rui, Zhang, Huali, Lei, Qiuotong, Jin, Wantao, Tang, Ziliang, Dong, Rung-Yi, Lai, Zhuang, Liu, Anyanee, Kamkaew, Liang, Cheng	No
Biodegradation-Mediated Enzymatic Activity-Tunable Molybdenum Oxide Nanourchins for Tumor-Specific Cascade Catalytic Therapy	Journal of the American Chemical Society	https://pubs.acs.org/doi/10.1021/jacs.9b13586	2020	Xi, Hu, Fangyuan, Li, Fan, Xia, Xia, Guo, Nan, Wang, Lili, Liang, Bo, Yang, Kelong, Fan, Xiyun, Yan, Daishun, Ling	No
Biologically Responsive Plasmonic Assemblies for Second Near-Infrared Window Photoacoustic Imaging-Guided Concurrent Chemo-Immunotherapy	ACS Nano	https://pubs.acs.org/doi/10.1021/acsnano.9b07984	2020	Rong, Zhu, Lichao, Su, Jiayong, Dai, Zhan-Wei, Li, Shumeng, Bai, Qingqing, Li, Xiaoyuan, Chen, Jibin, Song, Huanghao, Yang	No
Novel Multifunctional Nanoagent for Visual Chemo/Photothermal Therapy of Metastatic Lymph Nodes via Lymphatic Delivery	ACS Omega	https://pubs.acs.org/doi/10.1021/acsomega.9b03258	2020	Juan, Cheng, Ying, Liu, Lingyun, He, Weiwei, Liu, Yuli, Chen, Fengqiu, Liu, Yuan, Guo, Haitao, Ran, Lu, Yang	No
Coordination-induced exfoliation to monolayer Bi-anchored MnB₂ nanosheets for multimodal imaging-guided photothermal therapy of cancer	Theranostics	http://www.thno.org/v10p1861.htm	2020	Zhaokui, Jin, Danyang, Chen, Penghe, Zhao, Yanyuan, Wen, Mingjian, Fan, Gaoxin, Zhou, Yingshuai, Wang, Qianjun, He	No
Glucose Oxidase-Instructed Traceable Self-Oxygenation/Hyperthermia Dually Enhanced Cancer Starvation Therapy	Theranostics	http://www.thno.org/v10p1544.htm	2020	Ting, He, Han, Xu, Yifan, Zhang, Shijian, Yi, Run, Cui, Shaohun, Xing, Chaoliang, Wei, Jing, Lin, Peng, Huang	No

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Co-delivery of Cu(II) chelator and chemotherapeutics as a new strategy for tumor theranostic	Journal of Controlled Release	https://doi.org/10.1016/j.jconrel.2020.02.023	2020	Tao, Sun, Guangping, Zhang, Zhongyuan, Guo, Qijun, Chen, Yujie, Zhang, Yongchao, Chu, Qin, Guo, Chao, Li, Wenxi, Zhou, Yiwen, Zhang, Peixin, Liu, Hongyi, Chen, Haijun, Yu, Liping, Jiang, Chen, Jiang	No
Tumor Microenvironment Adaptable Nanoplatform for O₂ Self-Sufficient Chemo/Photodynamic Combination Therapy	Particle & Particle Systems Characterization	https://onlinelibrary.wiley.com/doi/abs/10.1002/ppsc.201900496	2020	Shi-Ying, Li, Lin-Ping, Zhao, Rong-Rong, Zheng, Gui-Ling, Fan, Ling-Shan, Liu, Xiang, Zhou, Xian-Tong, Chen, Xiao-Zhong, Qiu, Xi-Yong, Yu, Hong, Cheng	No
Unique spectral signature of human cutaneous squamous cell carcinoma by photoacoustic imaging	Journal of Biophotonics	https://onlinelibrary.wiley.com/doi/abs/10.1002/jbio.201960212	2020	Jenny, Hult, Ulf, Dahlstrand, Aboma, Merdasa, Karin, Wickerström, Rehan, Chakari, Bertil, Persson, Magnus, Cinthio, Tobias, Erlöv, John, Albinsson, Bodil, Gesslein, Rafi, Sheikh, Malin, Malmjö	No
"All-in-One" Silver Nanoprism Platform for Targeted Tumor Theranostics	ACS Applied Materials & Interfaces	https://pubs.acs.org/doi/10.1021/acsami.9b21166	2020	Xuemei, Zeng, Shuangqian, Yan, Chao, Di, Mengcheng, Lei, Peng, Chen, Wei, Du, Yang, Jin, Bi-Feng, Liu	No
Phospholipid Oxygen Microbubbles for Image-Guided Therapy	Nanotheranostics	http://www.ntno.org/v04p0083.htm	2020	Traci D., Reusser, Kang-Ho, Song, David, Ramirez, Richard Kp, Benninger, Virginie, Papadopoulou, Mark A., Borden	No
Conjugation of a Scintillator Complex and Gold Nanorods for Dual-Modal Image-Guided Photothermal and X-ray-Induced Photodynamic Therapy of Tumors	ACS Applied Materials & Interfaces	https://pubs.acs.org/doi/10.1021/acsami.0c01189	2020	Li, Luo, Wenjing, Sun, Yushuo, Feng, Ruixue, Qin, Jinghui, Zhang, Dandan, Ding, Tianhang, Shi, Xiangmei, Liu, Xiaoyuan, Chen, Hongmin, Chen	No
Anti-G250 nanobody-functionalized nanobubbles targeting renal cell carcinoma cells for ultrasound molecular imaging	Nanotechnology	https://iopscience.iop.org/article/10.1088/1361-6528/ab7040	2020	Zhiping, Yu, Ming, Hu, Zhouquan, Li, Dan Xu, Lianhua, Zhu, Yanli, Guo, Qiuli, Liu, Weihua, Lan, Jun, Jiang, Luofu, Wang	No
Photoacoustic Imaging-Trackable Magnetic Microswimmers for Pathogenic Bacterial Infection Treatment	ACS Nano	https://pubs.acs.org/doi/10.1021/acs.nano.9b06731	2020	Lisi, Xie, Xin, Pang, Xiaohui, Yan, Qixuan, Dai, Huirong, Lin, Jing, Ye, Yi, Cheng, Qingliang, Zhao, Xing, Ma, Xianzhong, Zhang, Gang, Liu, Xiaoyuan, Chen	No
Efficacy evaluation and mechanism study on inhibition of breast cancer cell growth by multimodal targeted fluorescent nanobubbles carrying AMD070 and ICG	Nanotechnology	http://www.tandfonline.com/doi/abs/10.1080/00480169.2014.948521	2020	Daijia, Shen, Lianhua, Zhu, Yu, Liu, Yanli, Peng, Minmin, Lan, Kejing, Fang, Deng, Liu, Yanli, Guo	No
Prussian blue nanocubes as a multimodal contrast agent for image-guided stem cell therapy of the spinal cord	Photoacoustics	https://doi.org/10.1016/j.pacs.2020.100166	2020	Kelsey P., Kubelick, Stanislav Y., Emelianov	No

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Tumor-Specific Endogenous Fe II-Activated, MRI-Guided Self-Targeting Gadolinium-Coordinated Theranostic Nanoplatfoms for Amplification of ROS and Enhanced Chemodynamic Chemotherapy	ACS Applied Materials & Interfaces	https://pubs.acs.org/doi/10.1021/acsami.0c00970	2020	Zhongxiong, Fan, Beili, Jiang, Qixin, Zhu, Sijin, Xiang, Li, Tu, Yifan, Yang, Qingliang, Zhao, Doudou, Huang, Jian, Han, Guanghao, Su, Dongtao, Ge, Zhenqing, Hou	No
Multifunctional Nanoparticles for Multimodal Imaging-Guided Low-Intensity Focused Ultrasound/Immunosynergistic Retinoblastoma Therapy	ACS Applied Materials & Interfaces	https://pubs.acs.org/doi/10.1021/acsami.9b22072	2020	Menglei, Wang, Qiming, Yang, Meng, Li, Hongmi, Zou, Zhigang, Wang, Haitao, Ran, Yuanyi, Zheng, Jia, Jian, Yu, Zhou, Yindeng, Luo, Yijun, Ran, Shaoqiu, Jiang, Xiyuan, Zhou	No
Biodegradable theranostic nanoplatfoms of albumin-biomaterialized nanocomposites modified hollow mesoporous organosilica for photoacoustic imaging guided tumor synergistic therapy	Chemical Engineering Journal	https://doi.org/10.1016/j.cej.2020.124253	2020	Dejian, Li, Tao, Zhang, Chuwei, Min, Hui, Huang, Denghui, Tan, Wenguang, Gu	No
Melanin-instructed biomimetic synthesis of copper sulfide for cancer phototheranostics	Chemical Engineering Journal	https://doi.org/10.1016/j.cej.2020.124232	2020	Chao, Qi, Chao, Jiang, Lian-Hua, Fu, Tuanwei, Sun, Tianfu, Wang, Jing, Lin, Zhihong, Nie, Peng, Huang	No
Long-Circulating Drug-Dye-Based Micelles with Ultrahigh pH-Sensitivity for Deep Tumor Penetration and Superior Chemo-Photothermal Therapy	Advanced Functional Materials	https://onlinelibrary.wiley.com/doi/abs/10.1002/adfm.201906309	2020	Cunfeng, Song, Yugang, Li, Tianliang, Li, Yuming, Yang, Zhicheng, Huang, Jesús Martínez, de la Fuente, Jian, Ni, Daxiang, Cui	No
TRAIL-expressing cell membrane nanovesicles as an anti-inflammatory platform for rheumatoid arthritis therapy	Journal of Controlled Release	https://doi.org/10.1016/j.jconrel.2020.01.054	2020	Yesi, Shi, Fengfei, Xie, Peishi, Rao, Hongyan, Qian, Rongjuan, Chen, Hu, Chen, Dengfeng, Li, Dan, Mu, Lili, Zhang, Peng, Lv, Guixiu, Shi, Li, Zheng, Gang, Liu	No
Surface-modified GVs as nanosized contrast agents for molecular ultrasound imaging of tumor	Biomaterials	https://doi.org/10.1016/j.biomaterials.2020.119803	2020	Guohao, Wang, Lin, Song, Xuandi, Hou, Shashwati, Kala, Kin Fung, Wong, Liya, Tang, Yunlu, Dai, Lei, Sun	No
Less is more: Silver-AIE core@shell nanoparticles for multimodality cancer imaging and synergistic therapy	Biomaterials	https://doi.org/10.1016/j.biomaterials.2020.119834	2020	Xuwen, He, Chen, Peng, Sujing, Qiang, Ling-Hong, Xiong, Zheng, Zhao, Zaiyu, Wang, Ryan T.K., Kwok, Jacky W.Y., Lam, Nan, Ma, Ben Zhong, Tang	No
Gambogic acid augments black phosphorus quantum dots (BPQDs)-based synergistic chemo-photothermal therapy through downregulating heat shock protein expression	Chemical Engineering Journal	https://doi.org/10.1016/j.cej.2020.124312	2020	Biao-Qi, Chen, Ranjith Kumar, Kankala, Yang, Zhang, Shu-Ting, Xiang, Han-Xiao, Tang, Qi, Wang, Da-Yun, Yang, Shi-Bin, Wang, Yu Shrike, Zhang, Gang, Liu, Ai-Zheng, Chen	No
Microvascular Ultrasonic Imaging of Angiogenesis Identifies Tumors in a Murine Spontaneous Breast Cancer Model	International Journal of Biomedical Imaging	https://www.hindawi.com/journals/ijbi/2020/7862089/	2020	Sarah E., Shelton, Jodi, Stone, Fei, Gao, Donglin, Zeng, Paul A., Dayton	No
Rod-based urchin-like hollow microspheres of Bi2S3: Facile synthesis, photo-controlled drug release for photoacoustic imaging and chemo-photothermal therapy of tumor ablation	Biomaterials	https://doi.org/10.1016/j.biomaterials.2020.119835	2020	Chenyang, Zhang, Dongdong, Li, Pei, Pei, Wann, Wang, Benjin, Chen, Zhaoyou, Chu, Zhengbao, Zha, Xianzhu, Yang, Jinbing, Wang, Haisheng, Qian	No

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PEGylated-folic acid-modified black phosphorus quantum dots as near-infrared agents for dual-modality imaging-guided selective cancer cell destruction	Nanophotonics	http://www.degruyter.com/view/j/nanoph.ahead-of-print/nanoph-2019-0506/nanoph-2...	2020	Jing, Wang, Dong, Liang, Zehua, Qu, Ivan M., Kislyakov, Valery M., Kiselev, Jun, Liu	No
Carbon-coated FeCo nanoparticles as sensitive magnetic-particle-imaging tracers with photothermal and magnetothermal properties	Nature Biomedical Engineering	http://dx.doi.org/10.1038/s41551-019-0506-0	2020	Guosheng, Song, Michael, Kenney, Yun-Sheng, Chen, Xianchuang, Zheng, Yong, Deng, Zhuo, Chen, Shan X., Wang, Sanjiv Sam, Gambhir, Hongjie, Dai, Jianghong, Rao	No
Janus γ-Fe₂O₃/SiO₂-based nanotheranostics for dual-modal imaging and enhanced synergistic cancer starvation/chemodynamic therapy	Science Bulletin	https://doi.org/10.1016/j.scib.2019.12.024	2020	Yifan, Zhang, Yilin, Wan, Yunyan, Liao, Yanjie, Hu, Tao, Jiang, Ting, He, Wei, Bi, Jing, Lin, Peng, Gong, Longhua, Tang, Peng, Huang	No
Gold Nanoframeworks with Mesopores for Raman-Photoacoustic Imaging and Photo-Chemo Tumor Therapy in the Second Near-Infrared Biowindow	Advanced Functional Materials	https://onlinelibrary.wiley.com/doi/abs/10.1002/adfm.201908825	2020	Jinping, Wang, Jingyu, Sun, Yuhao, Wang, Tsengming, Chou, Qiang, Zhang, Beilu, Zhang, Lei, Ren, Hongjun, Wang	No
Porphyrin-palladium hydride MOF nanoparticles for tumor-targeting photoacoustic imaging-guided hydrothermal cancer therapy	Nanoscale Horizons	http://xlink.rsc.org/?DOI=C9NH00021F	2019	Gaoxin, Zhou, Ying Shuai, Wang, Zhaokui, Jin, Penghe, Zhao, Han, Zhang, Yanyuan, Wen, Qianjun, He	No
Molecular Engineered Squaraine Nanoprobe for NIR-II/Photoacoustic Imaging and Photothermal Therapy of Metastatic Breast Cancer	ACS Applied Materials & Interfaces	https://pubs.acs.org/doi/10.1021/acsami.9b20147	2020	Defan, Yao, Yanshu, Wang, Rongfeng, Zou, Kexin, Bian, Pei, Liu, Shuzhan, Shen, Weitao, Yang, Bingbo, Zhang, Dengbin, Wang	No
Cathodic protected Mn²⁺ by Na₂WO₃ nanorods for stable magnetic resonance imaging-guided tumor photothermal therapy	Biomaterials	https://doi.org/10.1016/j.biomaterials.2020.119762	2020	Yang, Liu, Shiman, Wu, Yanyan, Liu, Hua, Zhang, Meng, Zhang, Zhongmin, Tang, Yan, Wang, Teng, Gong, Zhenwei, Yao, Xiangming, Fang, Wenbo, Bu	No
Ultrasound/Optical Dual-Modality Imaging for Evaluation of Vulnerable Atherosclerotic Plaques with Osteopontin Targeted Nanoparticles	Macromolecular Bioscience	https://onlinelibrary.wiley.com/doi/abs/10.1002/mabi.201900279	2020	Sulei, Li, Tiantian, Gou, Qi, Wang, Min, Chen, Ze, Chen, Mengqi, Xu, Yabin, Wang, Dong, Han, Ruihua, Cao, Junsong, Liu, Ping, Liang, Zhifei, Dai, Feng, Cao	No
Dynamic tracking of bulk nanobubbles from microbubbles shrinkage to collapse	Colloids and Surfaces A: Physicochemical and Engineering Aspects	https://doi.org/10.1016/j.colsurfa.2020.124430	2020	Juan, Jin, Ru, Wang, Jian, Tang, Li, Yang, Zhenqiang, Feng, Chunxiang, Xu, Fang, Yang, Ning, Gu	No
Intrinsically absorbing photoacoustic and ultrasound contrast agents for cancer therapy and imaging	Nanotechnology	http://dx.doi.org/10.1088/1361-6528/aadfb	2018	Donald A., Fernandes, Michael C., Kolios	No
Novel small molecular dye-loaded lipid nanoparticles with efficient near-infrared-II absorption for photoacoustic imaging and photothermal therapy of hepatocellular carcinoma	Biomaterials Science	http://pubs.rsc.org/en/Content/ArticleLanding/2019/BM/C9BM00528E	2019	Qingshan, Chen, Jingqin, Chen, Mu, He, Yuanyuan, Bai, Huixiang, Yan, Ning, Zeng, Fangyan, Liu, Sai, Wen, Liang, Song, Zonghai, Sheng, Chengbo, Liu, Chihua, Fang	No

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Small gold nanorods-loaded hybrid albumin nanoparticles with high photothermal efficacy for tumor ablation	Colloids and Surfaces B: Biointerfaces	https://www.sciencedirect.com/science/article/pii/S0927776519302176?dgcid=rss_s...	2019	Bohyung, Seo, Kyungseop, Lim, Sung Soo, Kim, Kyung Taek, Oh, Eun Seong, Lee, Han-Gon, Choi, Beom Soo, Shin, Yu Seok, Youn	No
Polypyrrole-coated phase-change liquid perfluorocarbon nanoparticles for the visualized photothermal-chemotherapy of breast cancer	Acta Biomaterialia	https://linkinghub.elsevier.com/retrieve/pii/S1742706119302326	2019	Qiang, Yang, Pan, Li, Haitao, Ran, Jingyuan, Wan, Huan, Chen, Huali, Chen, Zhigang, Wang, Liangke, Zhang	No
Ultrasmall Cu2-xS nanodots as photothermal-enhanced Fenton nanocatalysts for synergistic tumor therapy at NIR-II biowindow	Biomaterials	https://doi.org/10.1016/j.biomaterials.2019.03.014	2019	Ruizhi, Hu, Yan, Fang, Minfeng, Huo, Heliang, Yao, Chunmei, Wang, Yu, Chen, Rong, Wu	No
Recent strategies on targeted delivery of thrombolytics	Asian Journal of Pharmaceutical Sciences	https://linkinghub.elsevier.com/retrieve/pii/S181808761831208X	2019	Ting, Huang, Ni, Li, Jianqing, Gao	No
A near-infrared turn-on probe for in vivo chemoselective photoacoustic detection of fluoride ion	Dyes and Pigments	https://doi.org/10.1016/j.dyepig.2019.02.049	2019	Leli, Zeng, Yanyan, Yuan, Chao, Jiang, Jing, Mu, Fan, Li, Yilin, Wan, Han, Xu, Junle, Qu, Peng, Huang, Jing, Lin	No
Multifunctional nanoplatfor for photoacoustic imaging-guided combined therapy enhanced by CO induced ferroptosis	Biomaterials	https://linkinghub.elsevier.com/retrieve/pii/S0142961219300444	2019	Xianxian, Yao, Peng, Yang, Zhaokui, Jin, Qin, Jiang, Ranran, Guo, Ruihong, Xie, Qianjun, He, Wuli, Yang	No
Polyethyleneimine-assisted one-pot synthesis of quasi-fractal plasmonic gold nanocomposites as a photothermal theranostic agent	Nanoscale	http://pubs.rsc.org/en/Content/ArticleLanding/2019/NR/C8NR09849B	2019	Vladimir, Mulens-Arias, Alba, Nicolas-Boluda, Alexandre, Gehanno, Alice, Balfourier, Florent, CARN, Florence, Gazeau	No
Functionalized polymer microbubbles as new molecular ultrasound contrast agent to target P-selectin in thrombus	Biomaterials	https://linkinghub.elsevier.com/retrieve/pii/S0142961218308585	2019	Bo, Li, Rachida, Aid-Launais, Marie-Noëlle, Labour, Alina, Zenych, Maya, Juenet, Christine, Choqueux, Véronique, Ollivier, Olivier, Couture, Didier, Letourneur, Cédric, Chauvierre	No
Ratiometric Photoacoustic Nanoprobe for Bioimaging of Cu2+	ACS Applied Materials & Interfaces	http://pubs.acs.org/doi/10.1021/acsami.8b20113	2018	Sheng, Wang, Guocan, Yu, Ying, Ma, Zhen, Yang, Yi, Liu, Jing, Wang, Xiaoyuan, Chen	No
In vivo photoacoustic difference-spectra imaging of bacteria using photoswitchable chromoproteins	Journal of Biomedical Optics	https://www.spiedigitallibrary.org/journals/journal-of-biomedical-optics/volume...	2018	Ryan K. W., Chee, Yan, Li, Wei, Zhang, Robert E., Campbell	No
SDF-1-loaded PLGA nanoparticles for the targeted photoacoustic imaging and photothermal therapy of metastatic lymph nodes in tongue squamous cell carcinoma	International Journal of Pharmaceutics	https://doi.org/10.1016/j.ijpharm.2018.10.064	2019	Jun, Xiong, JiaLi, Feng, Lihua, Qi, Zhi, Gao, Pan, Li, Liang, Pang, Zewei, Zhang	No
Facile fabrication of highly photothermal-effective albumin-assisted gold nanoclusters for treating breast cancer	International Journal of Pharmaceutics	https://doi.org/10.1016/j.ijpharm.2018.10.063	2018	Sungin, Lee, Changkyu, Lee, Sanghyun, Park, Kyungseop, Lim, Sung Soo, Kim, Jong Oh, Kim, Eun Seong, Lee, Kyung Taek, Oh, Han Gon, Choi, Yu Seok, Youn	No
pH/NIR-responsive semiconducting polymer nanoparticles for highly effective photoacoustic image guided chemo-photothermal synergistic therapy	Journal of Controlled Release	https://linkinghub.elsevier.com/retrieve/pii/S0168365918306539	2019	Yu, Xu, Jia, Chen, Li, Tong, Peng, Su, Yunfei, Liu, Bingbing, Gu, Biqing, Bao, Lianhui, Wang	No

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Erythrocyte-cancer hybrid membrane-camouflaged melanin nanoparticles for enhancing photothermal therapy efficacy in tumors	Biomaterials	https://linkinghub.elsevier.com/retrieve/pii/S0142961218307981	2019	Qin, Jiang, Yao, Liu, Ranran, Guo, Xianxian, Yao, Seunghyun, Sung, Zhiqing, Pang, Wuli, Yang	No
Chemodrug-Gated Biodegradable Hollow Mesoporous Organosilica Nanotheranostics for Multimodal Imaging-Guided Low-Temperature Photothermal Therapy/Chemotherapy of Cancer	ACS Applied Materials & Interfaces	http://dx.doi.org/10.1021/acsami.8b16448	2018	Jianrong, Wu, David H, Bremner, Shiwei, Niu, Menghan, Shi, Haijun, Wang, Ranran, Tang, Li-Min, Zhu	No
Indocyanine Green labeling for optical and photoacoustic imaging of Mesenchymal Stem Cells after in vivo transplantation	Journal of Biophotonics	http://doi.wiley.com/10.1002/jbio.201800035	2018	M, Filippi, F, Garello, C, Pasquino, F, Arena, P, Giustetto, F, Antico, E, Terreno	No
In Vivo Molecular Ultrasound Assessment of Glioblastoma Neovasculature with Endoglin-Targeted Microbubbles	Contrast Media & Molecular Imaging	https://www.hindawi.com/journals/cmmi/2018/8425495/	2018	Cheng, Liu, Fei, Yan, Yajie, Xu, Hairong, Zheng, Lei, Sun	No
Mesopore-Induced Aggregation of Cobalt Protoporphyrin for Photoacoustic Imaging and Antioxidant Protection of Stem Cells	Advanced Functional Materials		2018	Minghua, Yao, Ming, Ma, Hongbo, Zhang, Yuezhou, Zhang, Gang, Wan, Jie, Shen, Hangrong, Chen, Rong, Wu	No
Ultrasound molecular imaging as a non-invasive companion diagnostic for netrin-1 interference therapy in breast cancer	Theranostics	http://www.thno.org/v08p5126.htm	2018	Jennifer, Wischhusen, Katheryne E., Wilson, Jean-Guy, Delcros, Rodolfo, Molina-Peña, Benjamin, Gibert, Shan, Jiang, Jacqueline, Ngo, David, Goldschneider, Patrick, Mehlen, Juergen K., Willmann, Frederic, Padilla	No
Wulff in a cage gold nanoparticles as contrast agents for computed tomography and photoacoustic imaging	Nanoscale	http://xlink.rsc.org/?DOI=C8NR05203D	2018	Maryam, Hajfathalian, Ahmad, Amirshaghaghi, Pratap C., Naha, Peter, Chhour, Jessica C., Hsu, Keely, Douglas, Yuxi, Dong, Chandra M., Sehgal, Andrew, Tsourkas, Svetlana, Neretina, David P., Cormode	No
Photoacoustic Imaging of Mesenchymal Stem Cells in Living Mice via Silica-Coated Gold Nanorods	ACS Nano	http://pubs.acs.org/doi/10.1021/nn302042y	2012	Jesse V, Jokerst, Mridhula, Thangaraj, Paul J, Kempen, Robert, Sinclair, Sanjiv S., Gambhir	No
Improving Stem Cell Delivery to the Trabecular Meshwork Using Magnetic Nanoparticles	Scientific Reports	http://www.nature.com/articles/s41598-018-30834-7	2018	E. J., Snider, K. P., Kubelick, K., Tweed, R. K., Kim, Y., Li, K., Gao, A. T., Read, S., Emelianov, C. R., Ethier	No
A catalase-loaded hierarchical zeolite as an implantable nanocapsule for ultrasound-guided oxygen self-sufficient photodynamic therapy against pancreatic cancer	Nanoscale	http://xlink.rsc.org/?DOI=C8NR05548C	2018	Dehong, Hu, Zhuwen, Chen, Zonghai, Sheng, Duyang, Gao, Fei, Yan, Teng, Ma, Hairong, Zheng, Mei, Hong	No
[ASAP] Gadolinium Metallofullerene-Polypyrrole Nanoparticles for Activatable Dual-Modal Imaging-Guided Photothermal Therapy	ACS Applied Materials & Interfaces	http://dx.doi.org/10.1021/acsami.8b09670	2018	Sheng, Wang, Zijian, Zhou, Guocan, Yu, Nan, Lu, Yijing, Liu, Yunlu, Dai, Xiao, Fu, Jing, Wang, Xiaoyuan, Chen	No

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Photoacoustic imaging of integrin-overexpressing tumors using a novel ICG-based contrast agent in mice	Photoacoustics	https://doi.org/10.1016/j.pacs.2018.07.007	2018	Martina, Capozza, Francesco, Blasi, Giovanni, Valbusa, Paolo, Oliva, Claudia, Cabella, Federica, Buonsanti, Alessia, Cordaro, Lorena, Pizzuto, Alessandro, Maiocchi, Luisa, Poggi	No
A Spectral Fiedler Field-based Contrast Platform for Imaging of Nanoparticles in Colon Tumor	Scientific Reports	http://www.nature.com/articles/s41598-018-29675-1	2018	Chenang, Liu, Ankur, Kapoor, Joshua, VanOsdol, Kalyani, Ektate, Zhenyu, Kong, Ashish, Ranjan	No
Development and evaluation of a CEACAM6-targeting theranostic nanomedicine for photoacoustic-based diagnosis and chemotherapy of metastatic cancer	Theranostics	http://www.thno.org/v08p4247.htm	2018	Hohyeon, Lee, Yongho, Jang, Suhyun, Park, Hyejin, Jang, Eun-joo, Park, Hyun Jung, Kim, Hyuncheol, Kim	No
Endoglin-targeted contrast-enhanced ultrasound imaging in hepatoblastoma xenografts	Oncology Letters	http://www.spandidos-publications.com/10.3892/ol.2018.9067	2018	Rong, Shan, Bei, Wang, Aiguang, Wang, Zongguo, Sun, Fengyun, Dong, Ju, Liu, Hongjun, Sun	No
Bio-ink properties and printability for extrusion printing living cells	Biomaterials Science	http://xlink.rsc.org/?DOI=c3bm00012e	2013	Johnson H Y, Chung, Sina, Naficy, Zhilian, Yue, Robert, Kapsa, Anita, Quigley, Simon E, Moulton, Gordon G, Wallace	No
Active curcumin nanoparticles formed from a volatile microemulsion template	Journal of Materials Chemistry B	http://xlink.rsc.org/?DOI=c4tb00267a	2014	K., Margulis, S., Srinivasan, M. J., Ware, H. D., Summers, B., Godin, S, Magdassi	No
Performances of a Pristine Graphene-Microbubble Hybrid Construct as Dual Imaging Contrast Agent and Assessment of Its Biodistribution by Photoacoustic Imaging	Particle & Particle Systems Characterization	http://doi.wiley.com/10.1002/ppsc.201800066	2018	Yosra, Toumia, Barbara, Cerroni, Philippe, Trochet, Savino, Lacerenza, Letizia, Oddo, Fabio, Domenici, Gaio, Paradossi	No
Histidine-rich glycoprotein-induced vascular normalization improves EPR-mediated drug targeting to and into tumors	Journal of Controlled Release	https://doi.org/10.1016/j.jconrel.2018.05.002	2018	Benjamin, Theek, Maïke, Baues, Felix, Gremse, Robert, Pola, Michal, Pechar, Inka, Negwer, Kaloian, Koynov, Benjamin, Weber, Matthias, Barz, Willi, Jahn-Dechent, Gert, Storm, Fabian, Kiessling, Twan, Lammers	No
Multispectral Photoacoustic Imaging of Tumor Protease Activity with a Gold Nanocage-Based Activatable Probe	Molecular Imaging and Biology	http://link.springer.com/10.1007/s11307-018-1203-1	2018	Cheng, Liu, Shiyong, Li, Yanjuan, Gu, Huahua, Xiong, Wing-tak, Wong, Lei, Sun	No
Thy1-Targeted Microbubbles for Ultrasound Molecular Imaging of Pancreatic Ductal Adenocarcinoma	Clinical Cancer Research	http://clincancerres.aacrjournals.org/lookup/doi/10.1158/1078-0432.CCR-17-2057	2018	Lotfi, Abou-Elkacem, Huaijun, Wang, Sayan M, Chowdhury, Richard H., Kimura, Sunitha V, Bachawal, Sanjiv S, Gambhir, Lu, Tian, Juergen K., Willmann	No
Molecularly Engineered Theranostic Nanoparticles for Thrombosed Vessels: H2O2-Activatable Contrast-Enhanced Photoacoustic Imaging and Antithrombotic Therapy	ACS Nano	http://pubs.acs.org/doi/10.1021/acsnano.7b06560	2017	EUNKYEONG, JUNG, Changsun, Kang, JEONGHUN, LEE, Donghyuck, Yoo, Do Won, Hwang, Dohyun, Kim, Seong-Cheol, Park, Sang Kyoo, Lim, Chulgyu, Song, Dongwon, Lee	No

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Nanoscale covalent organic polymers as a biodegradable nanomedicine for chemotherapy-enhanced photodynamic therapy of cancer	Nano Research		2017	Hairong, Wang, Wenwen, Zhu, Liangzhu, Feng, Qian, Chen, Yu, Chao, Ziliang, Dong, Zhuang, Liu	No
A Theranostic Nanoplatform: Triple-Model Imaging Guided Synergistic Cancer Therapy Based on Liposomes Conjugated Mesoporous Silica Nanoparticles	ACS Applied Materials & Interfaces	http://pubs.acs.org/doi/10.1021/acsami.7b13651	2017	Qi, Sun, Qing, You, Jinping, Wang, Li, Liu, Yidan, Wang, Yilin, Song, Yu, Cheng, Siyu, Wang, Fengping, Tan, Nan, Li	No
Tumor vasculature normalization by orally fed erlotinib to modulate the tumor microenvironment for enhanced cancer nanomedicine and immunotherapy	Biomaterials	https://doi.org/10.1016/j.biomaterials.2017.09.021	2017	Qian, Chen, Ligeng, Xu, Jiawen, Chen, Zhijuan, Yang, Chao, Liang, Yu, Yang, Zhuang, Liu	No
Tumor Microenvironment Modulation by Cyclopamine Improved Photothermal Therapy of Biomimetic Gold Nanorods for Pancreatic Ductal Adenocarcinomas	ACS Applied Materials and Interfaces		2017	Ting, Jiang, Bo, Zhang, Shun, Shen, Yanyan, Tuo, Zimiao, Luo, Yu, Hu, Zhiqing, Pang, Xinguo, Jiang	No
Proteoglycan-targeting applied to hypoxia-activated prodrug therapy in chondrosarcoma: first proof-of-concept	Oncotarget	http://www.oncotarget.com/fulltext/21337	2017	Aurélien, Voissiere, Valérie, Weber, Yvain, Gerard, Françoise, Rédini, Florian, Raes, Jean-michel, Chezal, Françoise, Degoul, Caroline, Peyrode, Elisabeth, Miot-Noirault	No
Cationic microbubbles and antibiotic-free miniplasmid for sustained ultrasound - mediated transgene expression in liver	Journal of Controlled Release	http://dx.doi.org/10.1016/j.jconrel.2017.07.015	2017	Simona, Manta, Gilles, Renault, Anthony, Delalande, Olivier, Couture	No
Photoacoustic imaging of lymphatic pumping	Journal of Biomedical Optics	https://www.spiedigitallibrary.org/journals/journal-of-biomedical-optics/volume...	2017	Alex, Forbrich, Andrew, Heinmiller, Roger J, Zemp	No
Nilotinib Enhances Tumor Angiogenesis and Counteracts VEGFR2 Blockade in an Orthotopic Breast Cancer Xenograft Model with Desmoplastic Response	Neoplasia (United States)	https://doi.org/10.1016/j.neo.2017.08.009	2017	Sara, Zafarnia, Jessica, Bzyl-Ibach, Igor, Spivak, Yongping, Li, Susanne, Koletnik, Dennis, Doleschel, Anne, Rix, Sibylle, Pochon, Isabelle, Tardy, Seena, Koyadan, Marc, van Zandvoort, Moritz, Palmowski, Fabian, Kiessling, Wiltrud, Lederle	No
Preparation and characterization of a novel silicon-modified nanobubble	PLOS ONE	http://dx.plos.org/10.1371/journal.pone.0178031	2017	Jia, Liu, Bo, Zhang, Maotong, Li, Meijun, Zhou, Fei, Li, Xiuxian, Huang, Min, Pan, Li, Xue, Fei, Yan	No
Unfavorable effect of calcitriol and its low-calcemic analogs on metastasis of 4T1 mouse mammary gland cancer	International Journal of Oncology		2018	Artur, Anisiewicz, Agata, Pawlik, Beata, Filip-Psurska, Eliza, Turlej, Stanisław, Dzimira, Magdalena, Milczarek, Katarzyna, Gdesz, Diana, Papiernik, Joanna, Jarosz, Dagmara, Kłopotowska, Andrzej, Kutner, Andrzej, Mazur, Joanna, Wietrzyk	No
Contrast enhanced ultrasound imaging can predict vascular-targeted photodynamic therapy induced tumor necrosis in small animals	Photodiagnosis and Photodynamic Therapy	https://doi.org/10.1016/j.pdpdt.2017.09.002	2017	F. H., Cornelis, K, Kim, J. C., Durack, S, Jebiwott, A, Scherz, G, Srimathveeravalli, J. A., Coleman	No
Image-Guided Hydrogen Gas Delivery for Protection from Myocardial Ischemia-Reperfusion Injury via Microbubbles	ACS Applied Materials and Interfaces		2017	Yingjuan, He, Bo, Zhang, Yihan, Chen, Qiaofeng, Jin, Junru, Wu, Fei, Yan, Hairong, Zheng	No

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Photoacoustic Imaging of Human Mesenchymal Stem Cells Labeled with Prussian Blue-Poly(L-lysine) Nanocomplexes	ACS Nano	http://pubs.acs.org/doi/abs/10.1021/acsnano.7b03519	2017	TaeHo, Kim, Jeanne E, Lemaster, Fang, Chen, Jin, Li, Jesse V, Jokerst	No
Development of prostate specific membrane antigen targeted ultrasound microbubbles using bioorthogonal chemistry	PLOS ONE	http://dx.plos.org/10.1371/journal.pone.0176958	2017	Aimen, Zlitni, Melissa, Yin, Nancy, Janzen, Samit, Chatterjee, Ala, Lisok, Kathleen L., Gabrielson, Sridhar, Nimmagadda, Martin G., Pomper, F. Stuart, Foster, John F., Valliant	No
A tumor vessel-targeting fusion protein elicits a chemotherapeutic bystander effect in pancreatic ductal adenocarcinoma	American Journal of Cancer Research		2017	Chun Te, Chen, Yi Chun, Chen, Yi, Du, Zhenbo, Han, Haoqiang, Ying, Richard R., Bouchard, Jennifer L., Hsu, Jung Mao, Hsu, Trevor M., Mitcham, Mei Kuang, Chen, Hui Lung, Sun, Shih Shin, Chang, Donghui, Li, Ping, Chang, Ronald A., DePinho, Mien Chie, Hung	No
In Vivo Targeted Contrast Enhanced Micro-Ultrasound to Measure Intratumor Perfusion and Vascular Endothelial Growth Factor Receptor 2 Expression in a Mouse Orthotopic Bladder Cancer Model	The Journal of Urology	http://dx.doi.org/10.1016/j.juro.2011.02.047	2011	Eddie S.Y., Chan, Amit R., Patel, William A., Larchian, Warren D., Heston	No
PBCA-based polymeric microbubbles for molecular imaging and drug delivery	Journal of Controlled Release	http://dx.doi.org/10.1016/j.jconrel.2017.03.006	2017	Patrick, Koczera, Lia, Appold, Yang, Shi, Mengjiao, Liu, Anshuman, Dasgupta, Vertika, Pathak, Tarun, Ojha, Stanley, Fokong, Zhuojun, Wu, Marc, van Zandvoort, Olga, Iranzo, Alexander J.C., Kuehne, Andrij, Pich, Fabian, Kiessling, Twan, Lammers	No
Detection and characterization of murine colitis and carcinogenesis by molecularly targeted contrast-enhanced ultrasound	World Journal of Gastroenterology	http://www.wjnet.com/1007-9327/full/v23/i16/2899.htm	2017	Markus, Brückner, Jan, Heidemann, Tobias M, Nowacki, Friederike, Cordes, Jörg, Stypmann, Philipp, Lenz, Faekah, Gohar, Andreas, Lügering, Dominik, Bettenworth	No
Comparison of dynamic contrast-enhanced MR, ultrasound and optical imaging modalities to evaluate the antiangiogenic effect of PF-03084014 and sunitinib	Cancer Medicine	http://doi.wiley.com/10.1002/cam4.215	2014	Cathy C., Zhang, Zhengming, Yan, Anand, Giddabasappa, Patrick B., Lappin, Cory L., Painter, Qin, Zhang, Gang, Li, James, Goodman, Brett, Simmons, Bernadette, Pascual, Joseph, Lee, Ted, Levkoff, Tim, Nichols, Zhiyong, Xie	No
Vascular Endothelial Growth Factor Receptor Type 2-targeted Contrast-enhanced US of Pancreatic Cancer Neovascularity in a Genetically Engineered Mouse Model: Potential for Earlier Detection	Radiology	http://pubs.rsna.org/doi/10.1148/radiol.14140568	2015	Marybeth A., Pysz, Steven B., Machtaler, E. Scott, Seeley, John J., Lee, Teresa A., Brentnall, Jarrett, Rosenberg, François, Tranquart, Jürgen K., Willmann	No

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Core-shell and co-doped nanoscale metal-organic particles (NMOPs) obtained via post-synthesis cation exchange for multimodal imaging and synergistic thermo-radiotherapy	NPG Asia Materials	http://dx.doi.org/10.1038/am.2016.205	2017	Yu, Yang, Yu, Chao, Jingjing, Liu, Ziliang, Dong, Weiwei, He, Rui, Zhang, Kai, Yang, Meiwang, Chen, Zhuang, Liu	No
Highly versatile SPION encapsulated PLGA nanoparticles as photothermal ablaters of cancer cells and as multimodal imaging agents	Biomater. Sci.	http://xlink.rsc.org/?DOI=C6BM00621C	2017	Balasubramanian, Sivakumar, Ravindran Girija, Aswathy, Rebeca, Romero-Aburto, Trevor, Mitcham, Keith A., Mitchel, Yutaka, Nagaoka, Richard R., Bouchard, Pulickel M., Ajayan, Toru, Maekawa, Dasappan Nair, Sakthikumar	No
Magnetic Nanoliposomes as In Situ Microbubble Bombers for Multimodality Image-Guided Cancer Theranostics	ACS Nano	http://pubs.acs.org/doi/abs/10.1021/acsnano.6b06815	2017	Yang, Liu, Fang, Yang, Chuxiao, Yuan, Mingxi, Li, Tuantuan, Wang, Bo, Chen, Juan, Jin, Peng, Zhao, Jiayi, Tong, Shouhua, Luo, Ning, Gu	No
Ultrasound Molecular Imaging of the Breast Cancer Neovasculature using Engineered Fibronectin Scaffold Ligands: A Novel Class of Targeted Contrast Ultrasound Agent	Theranostics	http://www.thno.org/v06p1740.htm	2016	Lotfi, Abou-Elkacem, Katherine E, Wilson, Sadie M, Johnson, Sayan M, Chowdhury, Sunitha, Bachawal, Benjamin J., Hackel, Lu, Tian, Jürgen K., Willmann	No
Exosome-like silica nanoparticles: a novel ultrasound contrast agent for stem cell imaging	Nanoscale	http://xlink.rsc.org/?DOI=C6NR08177K	2017	Fang, Chen, Ming, Ma, Junxin, Wang, Fang, Wang, Shi-Xiong, Chern, Eric Ruik, Zhao, Anamik, Jhunjhunwala, Sean, Darmadi, Hangrong, Chen, Jesse V., Jokerst	No
Exploring Targeted Contrast-Enhanced Ultrasound to Detect Neural Inflammation: An Example of Standard Nomenclature	Journal of Diagnostic Medical Sonography	http://jdm.sagepub.com/cgi/doi/10.1177/8756479316665865	2016	K. R., Volz, K. D., Evans, C. D., Kanner, D. M., Basso	No
Accelerated Blood Clearance Phenomenon Reduces the Passive Targeting of PEGylated Nanoparticles in Peripheral Arterial Disease	ACS Applied Materials and Interfaces		2016	Hyung Jun, Im, Christopher G., England, Liangzhu, Feng, Stephen A., Graves, Reinier, Hernandez, Robert J., Nickles, Zhuang, Liu, Dong Soo, Lee, Steve Y., Cho, Weibo, Cai	No
Ultrasound-guided therapeutic modulation of hepatocellular carcinoma using complementary microRNAs	Journal of Controlled Release	http://linkinghub.elsevier.com/retrieve/pii/S0168365916305065	2016	Sayan, Mullick Chowdhury, Tzu-Yin, Wang, Sunitha, Bachawal, Rammohan, Devulapally, Jung Woo, Choe, Lotfi, Abou Elkacem, Butrus Khuri, Yakub, David S., Wang, Lu, Tian, Ramasamy, Paulmurugan, Jürgen K., Willmann	No

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Detection of Melanoma Metastases in Resected Human Lymph Nodes by Noninvasive Multispectral Photoacoustic Imaging	International Journal of Biomedical Imaging	http://www.hindawi.com/journals/ijbi/2014/163652/	2014	Gerrit Cornelis, Langhout, Diederik Johannes, Grootendorst, Omgo Edo, Nieweg, Michel Wilhelmus Jacobus Maria, Wouters, Jos Alexander, van der Hage, Jithin, Jose, Hester, van Boven, Wiendelt, Steenbergen, Srirang, Manohar, Theodoor Jacques Marie, Ruers	No
Sentinel Lymph Node Biopsy Revisited: Ultrasound-Guided Photoacoustic Detection of Micrometastases Using Molecularly Targeted Plasmonic Nanosensors	Cancer Research	http://www.ncbi.nlm.nih.gov/pubmed/25106426	2014	Geoffrey P. Luke, Jeffrey N. Myers, Stanislav Y. Emelianov, Konstantin V. Sokolov	No
Transferring Biomarker into Molecular Probe: Melanin Nanoparticle as a Naturally Active Platform for Multimodality Imaging	Journal of the American Chemical Society	http://www.ncbi.nlm.nih.gov/pubmed/25292385	2014	Quli, Fan, Kai, Cheng, Xiang, Hu, Xiaowei, Ma, Ruiping, Zhang, Min, Yang, Xiaomei, Lu, Lei, Xing, Wei, Huang, Sanjiv Sam, Gambhir, Zhen, Cheng	No
Determination of biodistribution of ultrasmall, near-infrared emitting gold nanoparticles by photoacoustic and fluorescence imaging	Journal of Biomedical Optics	http://biomedicaloptics.spiedigitallibrary.org/article.aspx?doi=10.1117/1.JBO.2...	2015	Wilson, Poon, Andrew, Heimmler, Xuan, Zhang, Jay L., Nadeau	No
VEGF-loaded graphene oxide as theranostics for multi-modality imaging-monitored targeting therapeutic angiogenesis of ischemic muscle	Nanoscale	http://xlink.rsc.org/?DOI=c3nr01573d	2013	Zhongchan, Sun, Peng, Huang, Guang, Tong, Jing, Lin, Albert, Jin, Pengfei, Rong, Lei, Zhu, Liming, Nie, Gang, Niu, Feng, Cao, Xiaoyuan, Chen	No
Photoacoustic Imaging of Mesenchymal Stem Cells in Living Mice via Silica-Coated Gold Nanorods	ACS Nano	http://pubs.acs.org/doi/abs/10.1021/nn302042y	2012	Jesse V., Jokerst, Mridhula, Thangaraj, Paul J., Kempen, Robert, Sinclair, Sanjiv S., Gambhir	No
Long circulating reduced graphene oxide-iron oxide nanoparticles for efficient tumor targeting and multimodality imaging	Nanoscale	http://pubs.rsc.org/en/Content/ArticleLanding/2016/NR/C5NR09193D	2016	Cheng, Xu, Sixiang, Shi, Liangzhu, Feng, Feng, Chen, Stephen A., Graves, Emily B, Ehlerding, Shreya, Goel, Haiyan, Sun, Christopher G, England, Robert J., Nickles, Zhuang, Liu, Taihong, Wang, Weibo, Cai	No
Design of hybrid MnO2-polymer-lipid nanoparticles with tunable oxygen generation rates and tumor accumulation for cancer treatment	Advanced Functional Materials		2015	Claudia R., Gordijo, Azhar Z., Abbasi, Mohammad Ali, Amini, Ho Yin, Lip, Azusa, Maeda, Ping, Cai, Peter J., O'Brien, Ralph S., Dacosta, Andrew M., Rauth, Xiao Yu, Wu	No
Plasmonic fluorescent CdSe/Cu₂S hybrid nanocrystals for multichannel imaging and cancer directed photo-thermal therapy	Nanoscale	http://pubs.rsc.org/en/Content/ArticleLanding/2015/NR/C5NR05225D	2016	M., Sheikh Mohamed, Aby Cheruvathoor, Poullose, Srivani, Veerananarayanan, Rebecca, Romero Aburto, Trevor, Mitcham, Yuko, Suzuki, Yasushi, Sakamoto, Pulickel M., Ajayan, Richard R., Bouchard, Yasuhiko, Yoshida, Toru, Maekawa, D., Sakthi Kumar	No

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Validating tyrosinase homologue melA as a photoacoustic reporter gene for imaging Escherichia coli	Journal of Biomedical Optics	http://biomedicaloptics.spiedigitallibrary.org/article.aspx?doi=10.1117/1.JBO.2...	2015	Robert J., Paproski, Yan, Li, Quinn, Barber, John D., Lewis, Robert E., Campbell, Roger, Zemp	No
Dye-Loaded Ferritin Nanocages for Multimodal Imaging and Photothermal Therapy	Advanced Materials	http://doi.wiley.com/10.1002/adma.201400914	2014	Peng, Huang, Pengfei, Rong, Albert, Jin, Xuefeng, Yan, Molly Gu, Zhang, Jing, Lin, Hao, Hu, Zhe, Wang, Xuyi, Yue, Wanwan, Li, Gang, Niu, Wenbin, Zeng, Wei, Wang, Kechao, Zhou, Xiaoyuan, Chen	No
VCAM-1-targeting gold nanoshell probe for photoacoustic imaging of atherosclerotic plaque in mice	Contrast Media & Molecular Imaging	http://www.ncbi.nlm.nih.gov/pubmed/23109390	2012	Leonie, Rouleau, Romain, Berti, Vanessa W K, Ng, Carl, Matteau-Pelletier, Tina, Lam, Pierre, Saboural, Ashok K, Kakkar, Frédéric, Lesage, Eric, Rhéaume, Jean-Claude, Tardif	No
Phototheranostic Porphyrin Nanoparticles Enable Visualization and Targeted Treatment of Head and Neck Cancer in Clinically Relevant Models	Theranostics	http://www.thno.org/v05p1428.htm	2015	Nidal, Muhanna, Cheng S, Jin, Elizabeth, Huynh, Harley, Chan, Yi, Qiu, Wenlei, Jiang, Liyang, Cui, Laura, Burgess, Margaret K, Akens, Juan, Chen, Jonathan C, Irish, Gang, Zheng	No
In vitro and in vivo mapping of drug release after laser ablation thermal therapy with doxorubicin-loaded hollow gold nanoshells using fluorescence and photoacoustic imaging	Journal of Controlled Release	http://linkinghub.elsevier.com/retrieve/pii/S1286457911001985	2013	Hannah J., Lee, Yang, Liu, Jun, Zhao, Min, Zhou, Richard R., Bouchard, Trevor, Mitcham, Michael, Wallace, R, Jason, Stafford, Chun, Li, Sanjay, Gupta, Marites P., Melancon	No
Porphyrin Nanodroplets: Sub-micrometer Ultrasound and Photoacoustic Contrast Imaging Agents	Small	http://doi.wiley.com/10.1002/sml.201502450	2016	Robert J, Paproski, Alexander, Forbrich, Elizabeth, Huynh, Juan, Chen, John D, Lewis, Gang, Zheng, Roger J, Zemp	No
Chlorosome-Inspired Synthesis of Templated Metallochlorin-Lipid Nanoassemblies for Biomedical Applications	ACS Nano	http://pubs.acs.org/doi/abs/10.1021/acsnano.5b07151	2016	Kenneth K., Ng, Misa, Takada, Kara, Harmatys, Juan, Chen, Gang, Zheng	No
Re-assessing the enhanced permeability and retention effect in peripheral arterial disease using radiolabeled long circulating nanoparticles	Biomaterials	http://www.sciencedirect.com/science/article/pii/S0142961216301910	2016	Christopher G, England, Hyung-Jun, Im, Liangzhu, Feng, Feng, Chen, Stephen A, Graves, Reinier, Hernandez, Hakan, Orbay, Cheng, Xu, Steve Y, Cho, Robert J, Nickles, Zhuang, Liu, Dong Soo, Lee, Weibo, Cai	No
Sequential Drug Release and Enhanced Photothermal and Photoacoustic Effect of Hybrid Reduced Graphene Oxide-Loaded Ultrasmall Gold Nanorod Vesicles for Cancer Therapy	ACS Nano	http://pubs.acs.org/doi/10.1021/acsnano.5b03804	2015	Jibin, Song, Xiangyu, Yang, Orit, Jacobson, Lisen, Lin, Peng, Huang, Gang, Niu, Qingjie, Ma, Xiaoyuan, Chen	No
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Protein-based photothermal theranostics for imaging-guided cancer therapy	Nanoscale	http://xlink.rsc.org/?DOI=C5NR04428F	2015	Pengfei, Rong, Peng, Huang, Zhiguo, Liu, Jing, Lin, Albert, Jin, Ying, Ma, Gang, Niu, Lun, Yu, Wenbin, Zeng, Wei, Wang, Xiaoyuan, Chen	No
Multi-stimuli responsive Cu₂S nanocrystals as trimodal imaging and synergistic chemo-photothermal therapy agents	Nanoscale	http://xlink.rsc.org/?DOI=C4NR07139E	2015	Aby Cheruvathoor, Poullose, Srivani, Veerananarayanan, M. Sheikh, Mohamed, Yutaka, Nagaoka, Rebeca, Romero Aburto, Trevor, Mitcham, Pullickel M., Ajayan, Richard R., Bouchard, Yasushi, Sakamoto, Yasuhiko, Yoshida, Toru, Maekawa, D., Sakthi Kumar	No
Graphene Meets Microbubbles: A Superior Contrast Agent for Photoacoustic Imaging	ACS Applied Materials & Interfaces	http://www.ncbi.nlm.nih.gov/pubmed/27269868	2016	Yosra, Toumia, Fabio, Domenici, Silvia, Orlanducci, Francesco, Mura, Dmitry, Grishenkov, Philippe, Trochet, Savino, Lacerenza, Federico, Bordi, Gaio, Paradossi	No
Semiconducting polymer nanoparticles as photoacoustic molecular imaging probes in living mice	Nature Nanotechnology	http://www.nature.com/doi/10.1038/nnano.2013.302	2014	Kanyi, Pu, Adam J., Shuhendler, Jesse V., Jokerst, Jianqiu, Mei, Sanjiv S., Gambhir, Zhenan, Bao, Jianghong, Rao	No
Non-invasive multimodal functional imaging of the intestine with frozen micellar naphthalocyanines	Nature Nanotechnology	http://dx.doi.org/10.1038/nnano.2014.130	2014	Yumiao, Zhang, Mansik, Jeon, Laurie J, Rich, Hao, Hong, Jumin, Geng, Yin, Zhang, Sixiang, Shi, Todd E, Barnhart, Paschalis, Alexandridis, Jan D, Huizinga, Mukund, Seshadri, Weibo, Cai, Chulhong, Kim, Jonathan F, Lovell	No
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Multi-wavelength photoacoustic imaging of inducible tyrosinase reporter gene expression in xenograft tumors	Scientific Reports	http://www.ncbi.nlm.nih.gov/pubmed/24936769	2014	Robert J, Paproski, Andrew, Heinmiller, Keith, Wachowicz, Roger J, Zemp	No
Ultrasound-guided photoacoustic imaging for the selective detection of EGFR-expressing breast cancer and lymph node metastases	Biomedical Optics Express	https://www.osapublishing.org/abstract.cfm?URI=boe-7-5-1920	2016	Meihua, Zhang, Hoe Suk, Kim, Tiefeng, Jin, Ann, Yi, Woo Kyung, Moon	No
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Development and optimization of near-IR contrast agents for immune cell tracking	Biomedical Optics Express	https://www.osapublishing.org/boe/abstract.cfm?uri=boe-4-11-2609	2013	Pratixa P, Joshi, Soon Joon, Yoon, Yun-sheng, Chen, Stanislav, Emelianov, Konstantin V, Sokolov	No
A dual gold nanoparticle system for mesenchymal stem cell tracking	J. Mater. Chem. B	http://xlink.rsc.org/?DOI=C4TB00975D	2014	L. M., Ricles, S. Y., Nam, E. a., Treviño, S. Y., Emelianov, L. J., Suggs	No

Title	Journal	Link	Publication date	References	Top Paper
Dual-enhanced photothermal conversion properties of reduced graphene oxide-coated gold superparticles for light-triggered acoustic and thermal theranostics	Nanoscale	http://pubs.rsc.org/en/content/articlelanding/2016/nr/c5nr07552a	2016	Li-Sen, Lin, Xiangyu, Yang, Gang, Niu, Jibin, Song, Huang-Hao, Yang, Xiaoyuan, Chen	No
2H,3H-Decafluoropentane-Based Nanodroplets: New Perspectives for Oxygen Delivery to Hypoxic Cutaneous Tissues	PLOS ONE	http://dx.plos.org/10.1371/journal.pone.0119769	2015	Mauro, Prato, Chiara, Magnetto, Jithin, Jose, Amina, Khadjavi, Federica, Cavallo, Elena, Quaglino, Alice, Panariti, Ilaria, Rivolta, Emilio, Benintende, Gianfranco, Varetto, Monica, Argenziano, Adriano, Troia, Roberta, Cavalli, Caterina, Guiot	No
Gold Nanoparticle Coated Carbon Nanotube Ring with Enhanced Raman Scattering and Photothermal Conversion Property for Theranostic Applications	Journal of the American Chemical Society	http://pubs.acs.org/doi/abs/10.1021/jacs.5b13475	2016	Jibin, Song, Feng, Wang, Xiangyu, Yang, Bo, Ning, Mary G., Harp, Stephen H., Culp, Song, Hu, Peng, Huang, Liming, Nie, Jingyi, Chen, Xiaoyuan, Chen	No
Biomedical photoacoustics beyond thermal expansion using triggered nanodroplet vaporization for contrast-enhanced imaging	Nature Communications	http://www.ncbi.nlm.nih.gov/pubmed/22233628	2012	Katheryne, Wilson, Kimberly, Homan, Stanislav, Emelianov	No
Dual In Vivo Photoacoustic and Fluorescence Imaging of Assessment and Surgical Guidance	Molecular Imaging		2014	Azusa, Maeda, Jiachuan, Bu, Juan, Chen, Gang, Zheng, Ralph S, Dacosta	No
In vivo Ultrasound and Photoacoustic Monitoring of Mesenchymal Stem Cells Labeled with Gold Nanotracers	PLoS ONE	http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=3353925&tool=pmcentre...	2012	Seung Yun, Nam, Laura M, Ricles, Laura J, Suggs, Stanislav Y, Emelianov	No
Stable I-aggregation enabled dual photoacoustic and fluorescence nanoparticles for intraoperative cancer imaging	Nanoscale	http://pubs.rsc.org/en/Content/ArticleLanding/2015/NR/C5NR08165C	2016	Mojdeh, Shakiba, Kenneth K, Ng, Elizabeth, Huynh, Harley, Chan, Danielle M, Charron, Juan, Chen, Nidal, Muhanna, F, Stuart, Foster, Brian C, Wilson, Gang, Zheng	No
Quantification of Endothelial αvβ3 Expression with High-Frequency Ultrasound and Targeted Microbubbles: In Vitro and In Vivo Studies	Ultrasound in Medicine & Biology	http://linkinghub.elsevier.com/retrieve/pii/S030156291630062X	2016	Verya, Daeichin, Klazina, Kooiman, Ilya, Skachkov, Johan G., Bosch, Thomas L., Theelen, Katja, Steiger, Andrew, Needles, Ben J., Janssen, Mat J.A.P., Daemen, Antonius F.W., van der Steen, Nico, de Jong, Judith C., Sluimer	No
Quantification of bound microbubbles in ultrasound molecular imaging	IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control	http://www.ncbi.nlm.nih.gov/pubmed/26067053%5Chttp://ieeexplore.ieee.org/lpdoc...	2015	Verya, Daeichin, Zeynettin, Akkus, Ilya, Skachkov, Klazina, Kooiman, Andrew, Needles, Judith, Sluimer, Ben, Janssen, Mat J A P, Daemen, Antonius F W, van der Steen, Nico, de Jong, Johan G, Bosch	No
Nonlinear contrast imaging with an array-based micro-ultrasound system	Ultrasound in Medicine and Biology		2010	A., Needles, M., Arditi, N. G., Rognin, J., Mehi, T., Coulthard, C., Bilan-Tracey, E., Gaud, P., Frinking, D., Hirson, F. S., Foster	No
Breast Cancer Detection by B7-H3-Targeted Ultrasound Molecular Imaging	Cancer Research	http://cancerres.aacrjournals.org/cgi/doi/10.1158/0008-5472.CAN-14-3361	2015	S. V., Bachawal, K. C., Jensen, K. E., Wilson, L., Tian, A. M., Lutz, J. K., Willmann	No

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Earlier detection of breast cancer with ultrasound molecular imaging in a transgenic mouse model.	Cancer research	http://eutils.ncbi.nlm.nih.gov/entrez/eutils/elink.fcgi?dbfrom=pubmed&id=233285...	2013	Sunitha V, Bachawal, Kristin C, Jensen, Amelie M, Lutz, Sanjiv S, Gambhir, Francois, Tranquart, Lu, Tian, Jürgen K, Willmann	No
Subharmonic, non-linear fundamental and ultraharmonic molecular imaging of microbubble contrast at high frequencies.	Ultrasound in medicine & biology	http://www.ncbi.nlm.nih.gov/pubmed/25592458	2015	Verya, Daeichin, Johan G, Bosch, Andrew, Needles, F Stuart, Foster, Antonius, van der Steen, Nico, de Jong	No
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Dual-targeted Contrast Agent for US Assessment of Tumor Angiogenesis in Vivo	Radiology	http://pubs.rsna.org/doi/10.1148/radiol.2483072231	2008	Jürgen K, Willmann, Amelie M, Lutz, Ramasamy, Paulmurugan, Manishkumar R., Patel, Pauline, Chu, Jarrett, Rosenberg, Sanjiv S, Gambhir	No
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Ultrasound-assisted non-viral gene transfer to the salivary glands	Gene Therapy	http://www.nature.com/doi/10.1038/gt.2010.86	2010	M J, Passineau, L, Zourelias, L, Machen, P C, Edwards, Raymond L, Benza	No
Exercise performance and peripheral vascular insufficiency improve with AMPK activation in high-fat diet-fed mice	AJP: Heart and Circulatory Physiology	http://www.ncbi.nlm.nih.gov/pubmed/24561866	2014	Kristen a, Baltgalvis, Kathy, White, W., Li, Mark D, Claypool, Wayne, Lang, Raniel, Alcantara, B. K., Singh, Annabelle M, Frier, John, McLaughlin, Derek, Hansen, Kelly, McCaughey, Henry, Nguyen, Ira J, Smith, Guillermo, Godinez, Simon J, Shaw, Dane, Goff, Rajinder, Singh, Vadim, Markovtsov, T.-Q., Sun, Yonchu, Jenkins, Gerald, Uy, Yingwu, Li, Alison, Pan, Tarikere, Gururaja, David, Lau, Gary, Park, Yasumichi, Hitoshi, Donald G, Payan, Todd M, Kinsella	No
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