Title	Journal	Link	Publication date	References	Top Paper
Real-Time in Vivo Photoacoustic Imaging in the Assessment of Myocardial Dynamics in Murine Model of Myocardial Ischemia	Ultrasound in Medicine and Biology	https://doi.org/10.1016/j.ultrasmedbio.2018.05.021	2018	Rashid Al, Mukaddim, Allison, Rodgers, Timothy A., Hacker, Andrew, Heinmiller, Tomy, Varghese	Yes
Impact of bradykinin type 2 receptor overexpression on cardiovascular function in mice	Biochemical Pharmacology	https://doi.org/10.1016/j.bcp.2025.117175	2025	Sara, Metry, Tatsiana, Suvorava, Jens W., Fischer, Vu Thao Vi, Dao, Georg, Kojda	No
Evaluation of renal ischemia-reperfusion injury using CEUS in mice	European Radiology Experimental	https://doi.org/10.1186/s41747-023-00392-3	2023	Zixin, Xu, Xinbao, Zhao, Ming, Huang, Qi, Liu, Libo, Liu, Junjiong, Zheng, Chao, Fang, Wen, Dong	No
Electroretinographical Analysis of the Effect of BGP-15 in Eyedrops for Compensating Global Ischemia–Reperfusion in the Eyes of Sprague Dawley Rats	Biomedicines	https://doi.org/10.3390/biomedicines12030637	2024	Barbara, Takács, Anna, Szilágyi, Dániel, Priksz, Mariann, Bombicz, Adrienn Mónika, Szabó, Beáta, Pelles-Taskó, Ágnes, Rusznyák, Ádám, Haimhoffer, Rudolf, Gesztelyi, Zoltán, Szilvássy, Béla, Juhász, Balázs, Varga	No
Neurovascular hypoxia trajectories assessed by photoacoustic imaging in a murine model of cardiac arrest and resuscitation	IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control	https://doi.org/10.1109/TUFFC.2023.3265800	2023	John P., Salvas, Katherine A., Leyba, Luke E., Schepers, Nitchawat, Paiyabhroma, Craig J., Goergen, Pierre, Sicard	No
Exosomes secreted from cardiomyocytes suppress the sensitivity of tumor ferroptosis in ischemic heart failure	Signal transduction and targeted therapy	https://doi.org/10.1038/s41392-023-01336-4	2023	Ye, Yuan, Zhongting, Mei, Zhezhe, Qu, Guanghui, Li, Shuting, Yu, Yingqi, Liu, Kuiwu, Liu, Zhihua, Shen, Jiaying, Pu, Yanquan, Wang, Changhao, Wang, Zhiyong, Sun, Qian, Liu, Xiaochen, Pang, Ao, Wang, Zijing, Ren, Tong, Wang, Ying, Liu, Jinhuan, Hong, Jiajie, Xie, Xin, Li, Zhonghua, Wang, Weijie, Du, Baofeng, Yang	No
Neurovascular hypoxia trajectories assessed by photoacoustic imaging in a murine model of cardiac arrest and resuscitation	IEEE Trans Ultrason Ferroelectr Freq Control	https://doi.org/10.1109/TUFFC.2023.3265800	2023	John P, Salvas, Katherine A, Leyba, Luke E, Schepers, Nitchawat, Paiyabhroma, Craig J, Goergen, Pierre, Sicard	No
Monitoring Muscle Perfusion in Rodents During Short-Term Ischemia Using Power Doppler Ultrasound	Ultrasound in Medicine & Biology	https://linkinghub.elsevier.com/retrieve/pii/S0301562923000650	2023	Somaye, Babaei, Bingze, Dai, Craig K, Abbey, Yamenah, Ambreen, Wawrzyniec L., Dobrucki, Michael F., Insana	No
Comparable Impairment of Vascular Endothelial Function by a Wide Range of Electronic Nicotine Delivery Devices	Nicotine and Tobacco Research	https://doi.org/10.1093/ntr/ntac019	2022	Poonam, Rao, Daniel D., Han, Kelly, Tan, Leila, Mohammadi, Ronak, Derakhshandeh, Mina, Navabzadeh, Natasha, Goyal, Matthew L., Springer	No
Melatonin alleviates myocardial ischemia-reperfusion injury in mice by inhibiting inflammatory response via activating Nrf2 signaling	Journal of Southern Medical University Nan Fang Yi Ke Da Xue Xue Bao	https://doi.org/10.12122/j.issn.1673-4254.2021.08.06	2021	Kong L, Xu C, Sun N, Liang F, Wei M, Su X	No
The nuclear receptor co-repressor 1 is a novel cardioprotective factor against acute myocardial ischemia-reperfusion injury	Journal of Molecular and Cellular Cardiology	https://linkinghub.elsevier.com/retrieve/pii/S0022282822000098	2022	Zihan, Qin, Lingchen, Gao, Guanqiao, Lin, Hong, Zhu, Yingmin, Chen, Fangyuan, Zhong, Hongmei, Zhou, Shengzhong, Duan, Jun, Pu	No
Poncirin ameliorates cardiac ischemia-reperfusion injury by activating PI3K/AKT/PGC-1α signaling	European Journal of Pharmacology	https://linkinghub.elsevier.com/retrieve/pii/S0014299922000206	2022	Bingda, Li, Tianpeng, Chen, Wenfeng, Hu, Zhenhua, Wang, Ji, Wu, Qing, Zhou, Ping, Li	No

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Propionate alleviates myocardial ischemia-reperfusion injury aggravated by Angiotensin II dependent on caveolin-1/ACE2 axis through GPR41	International Journal of Biological Sciences	https://www.ijbs.com/v18p0858.htm	2022	Fan, Deng, Liang-Qing, Zhang, Han, Wu, Yu, Chen, Wen-Qian, Yu, Rong-Hui, Han, Yuan, Han, Xiao-Qi, Zhang, Qi-Shun, Sun, Ze-Bin, Lin, Yu, Wang, Yong-Pan, Liu, Jing-Yi, Chen, Ke-Xuan, Liu, Jing-Juan, Hu	No
Uncoupling protein 1 knockout aggravates isoproterenol-induced acute myocardial ischemia via AMPK/mTOR/PPARα pathways in rats	Transgenic Research	https://doi.org/10.1007/s11248-021-00289-0	2022	Daorong, Hou, Heling, Fu, Yuan, Zheng, Dan, Lu, Yuanwu, Ma, Yuan, Yin, Lianfeng, Zhang, Dan, Bao	No
3D-Printed Reinforcement Scaffolds with Targeted Biodegradation Properties for the Tissue Engineering of Articular Cartilage	Advanced Healthcare Materials	https://doi.org/10.1002/adhm.202101094	2021	Enrico, Tosoratti, Philipp, Fisch, Scott, Taylor, Lee Ann, Laurent-Applegate, Marcy, Zenobi-Wong	No
Dental Pulp Mesenchymal Stem Cells Attenuate Limb Ischemia via Promoting Capillary Proliferation and Collateral Development in a Preclinical Model	Stem Cells International	https://doi.org/10.1155/2021/5585255	2021	Youfeng, Li, Yuning, Zhang, Hua, Wang, Chengfeng, Sun, Dongmei, Liu, Hongying, Liu, Jia, He, Furong, Chen, Weiting, Wang, Xi, Jiang, Chu Tse, Wu, Yuefeng, Yang	No
Hypoxia-induced miR-210 modulates the inflammatory response and fibrosis upon acute ischemia	Cell Death and Disease	https://doi.org/10.1038/s41419-021-03713-9	2021	Zaccagnini, Germana, Greco, Simona, Longo, Marialucia, Maimone, Biagina, Voellenkle, Christine, Fuschi, Paola, Carrara, Matteo, Creo, Pasquale, Maselli, Davide, Tirone, Mario, Mazzone, Massimiliano, Gaetano, Carlo, Spinetti, Gaia, Martelli, Fabio	No
Hemodynamic Assay of Hind Limb in Multiple Animal Models	Military Medicine	https://academic.oup.com/milmed/article/186/Supplement_1/351/6119490	2021	Steven M, Hansen, Luke E, Schepers, Ruchira, Pratihar, Jackson, Tibbett, Gilberto, Vallejo, Graham, Grubbs, Thomas, Fisher, Paul E, Hansen, Craig J, Goergen	No
Experimental Myocardial Infarction Elicits Time-Dependent Patterns of Vascular Hypoxia in Peripheral Organs and in the Brain	Frontiers in Cardiovascular Medicine	https://www.frontiersin.org/articles/10.3389/fcvm.2020.615507/full	2021	Hélène, David, Aurore, Ughetto, Philippe, Gaudard, Maëlle, Plawecki, Nitchawat, Paiyabhroma, Emma, Zub, Pascal, Colson, Sylvain, Richard, Nicola, Marchi, Pierre, Sicard	No
Brain-targeted hypoxia-inducible factor stabilization reduces neonatal hypoxic-ischemic brain injury	Neurobiology of Disease	https://doi.org/10.1016/j.nbd.2020.105200	2021	Chia-Yi, Kuan, Hong-Ru, Chen, Ning, Gao, Yi-Min, Kuo, Ching-Wen, Chen, Dianer, Yang, Melissa M., Kinkaid, Erding, Hu, Yu-Yo, Sun	No
Evaluation of Hemodynamics in a Murine Hindlimb Ischemia Model Using Spatial Frequency Domain Imaging	Lasers in Surgery and Medicine	https://doi.org/10.1002/lsm.23320	2020	Katherine A., Leyba, Sandhya, Vasudevan, Thomas D., O'Sullivan, Craig J., Goergen	No
Short-term molecular and cellular effects of ischemia/reperfusion on vascularized lymph node flaps in rats	PLoS ONE	https://doi.org/10.1371/journal.pone.0239517	2020	Florian S., Frueh, Bijan, Jelvani, Claudia, Scheuer, Christina, Korbel, Bong Sung, Kim, Pietro, Giovanoli, Nicole, Lindenblatt, Yves, Harder, Emmanuel, Ampofo, Michael D., Menger, Matthias W., Laschke	No

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Mitochondrial transplantation ameliorates acute limb ischemia	Journal of Vascular Surgery	https://doi.org/10.1016/j.jvs.2019.03.079	2020	Arzoo, Orfany, Carlos Galán, Arriola, Ilias P., Doulamis, Alvise, Guariento, Giovanna, Ramirez-Barbieri, Kamila, Moskowitzova, Borami, Shin, David, Blitzer, Caitlyn, Rogers, Pedro J., del Nido, James D., McCully	No
Protective role of Nrf2 against ischemia reperfusion injury and cardiac allograft vasculopathy	American Journal of Transplantation	https://onlinelibrary.wiley.com/doi/abs/10.1111/ajt.15724	2020	Naoto, Fukunaga, Hiroyuki, Kawajiri, Mitesh V., Badiwala, Jagdish, Butany, Ren-ke, Li, Filio, Billia, Vivek, Rao	No
Mechanism of angiogenesis promotion with Shexiang Baoxin Pills by regulating function and signaling pathway of endothelial cells through macrophages	Atherosclerosis	https://doi.org/10.1016/j.atherosclerosis.2019.11.005	2020	Jiange, Zhang, Qianfei, Cui, Yiran, Zhao, Runan, Guo, Changsen, Zhan, Peng, Jiang, Pengwei, Luan, Pei, Zhang, Feiyun, Wang, Liuqing, Yang, Xiyan, Yang, Yulan, Xu	No
Mitochondrial transplantation ameliorates acute limb ischemia	Journal of Vascular Surgery	https://linkinghub.elsevier.com/retrieve/pii/S0741521419311887	2019	Arzoo, Orfany, Carlos Galán, Arriola, Ilias P., Doulamis, Alvise, Guariento, Giovanna, Ramirez-Barbieri, Kamila, Moskowitzova, Borami, Shin, David, Blitzer, Caitlyn, Rogers, Pedro J., del Nido, James D., McCully	No
Multispectral photoacoustic imaging for the detection of subclinical melanoma	Journal of Surgical Oncology	https://doi.org/10.1002/jso.25447	2019	Andrew J., Sinnamon, Madalyn G., Neuwirth, Yun, Song, Susan M., Schultz, Shujing, Liu, Xiaowei, Xu, Chandra M., Sehgal, Giorgos C., Karakousis	No
Photoacoustic imaging of gold nanorods in the brain delivered via microbubble-assisted focused ultrasound: a tool for in vivo molecular neuroimaging	Laser Physics Letters	http://iopscience.iop.org/1612-202X/16/2/025603	2019	Robin K, Hartman, Kristina A, Hallam, Eleanor M, Donnelly, Stanislav Y, Emelianov	No
Erythrocytic bioactivation of nitrite and its potentiation by far-red light	Redox Biology	https://doi.org/10.1016/j.redox.2018.11.001	2019	Nadeem, Wajih, Swati, Basu, Kamil B., Ucer, Fernando, Rigal, Aryatara, Shakya, Elaheh, Rahbar, Vidula, Vachharajani, Martin, Guthold, Mark T., Gladwin, Lane M., Smith, Daniel B., Kim-Shapiro	No
Photoacoustic Oxygenation Quantification in Patients with Raynaud's: First-in-Human Results	Ultrasound in Medicine and Biology	https://doi.org/10.1016/j.ultrasmedbio.2018.04.017	2018	John R., Eisenbrey, Maria, Stanczak, Flemming, Forsberg, Fabian A., Mendoza-Ballesteros, Andrej, Lyshchik	No
Prevascularization of dermal substitutes with adipose tissue-derived microvascular fragments enhances early skin grafting	Scientific Reports	http://www.nature.com/articles/s41598-018-29252-6	2018	Florian S., Frueh, Thomas, Später, Christina, Körbel, Claudia, Scheuer, Anna C., Simson, Nicole, Lindenblatt, Pietro, Giovanoli, Michael D., Menger, Matthias W., Laschke	No
Photoacoustic Oxygenation Quantification in Patients with Raynaud's: First-in-Human Results	Ultrasound in Medicine and Biology	https://doi.org/10.1016/j.ultrasmedbio.2018.04.017	2018	John R., Eisenbrey, Maria, Stanczak, Flemming, Forsberg, Fabian A., Mendoza-Ballesteros, Andrej, Lyshchik	No
Impact of Age on Disease Progression and Microenvironment in Oral Cancer	Journal of Dental Research	http://journals.sagepub.com/doi/10.1177/0022034518775736	2018	V.K., Vincent-Chong, H., DeJong, L.J., Rich, A., Patti, M., Merzianu, P.A., Hershberger, M, Seshadri	No

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PAFR-deficiency alleviates myocardial ischemia/reperfusion injury in mice via suppressing inflammation, oxidative stress and apoptosis	Biochemical and Biophysical Research Communications	https://doi.org/10.1016/j.bbrc.2017.12.132	2018	En wei, Wang, Yang yang, Han, Xu sheng, Jia	No
Remote Ischemic Postconditioning Protects against Myocardial Ischemia-Reperfusion Injury by Inhibition of the RAGE-HMGB1 Pathway			2018	Xiangming, Wang, Junhong, Wang, Tiantian, Tu, Zakaria, Iyan, Deeraj, Mungun, Zhijian, Yang, Yan, Guo	No
The IL-2/Anti-IL-2 Complex Attenuates Cardiac Ischaemia-Reperfusion Injury Through Expansion of Regulatory T Cells	Cellular Physiology and Biochemistry	https://www.karger.com/Article/FullText/485818	2017	Junhui, Xiao, Kunwu, Yu, Ming, Li, Chuanyin, Xiong, Yuzhen, Wei, Qiutang, Zeng	No
Honokiol Ameliorates Myocardial Ischemia/Reperfusion Injury in Type 1 Diabetic Rats by Reducing Oxidative Stress and Apoptosis through Activating the SIRT1-Nrf2 Signaling Pathway	Oxidative Medicine and Cellular Longevity	https://www.hindawi.com/journals/omcl/2018/3159801/	2018	Bin, Zhang, Mengen, Zhai, Buying, Li, Zhenhua, Liu, Kaifeng, Li, Liqing, Jiang, Meng, Zhang, Wei, Yi, Jian, Yang, Dinghua, Yi, Hongliang, Liang, Zhenxiao, Jin, Weixun, Duan, Shiqiang, Yu	No
EphrinA1-Fc attenuates myocardial ischemia/reperfusion injury in mice	PLOS ONE	http://dx.plos.org/10.1371/journal.pone.0189307	2017	Augustin, DuSablon, Justin, Parks, K'Shylah, Whitehurst, Heather, Estes, Robert, Chase, Eleftherios, Vlahos, Uma, Sharma, David, Wert, Jitka, Virag	No
Overexpression of TIMP3 Protects Against Cardiac Ischemia/Reperfusion Injury by Inhibiting Myocardial Apoptosis Through ROS/Mapks Pathway	Cellular Physiology and Biochemistry	https://doi.org/10.1159/000485401	2017	Hui, Liu, Xibo, Jing, Aiqiao, Dong, Baobao, Bai, Haiyan, Wang	No
Guanxin Danshen formulation protects against myocardial ischemia reperfusion injury-induced left ventricular remodeling by upregulating estrogen receptor β	Frontiers in Pharmacology	https://doi.org/10.3389/fphar.2017.00777	2017	Xuehong, Deng, Xiaoyan, Xing, Guibo, Sun, Xudong, Xu, Haifeng, Wu, Guang, Li, Xiaobo, Sun	No
MIR-125a, MIR-139 and MIR-324 contribute to Urocortin protection against myocardial ischemia-reperfusion injury	Scientific Reports	https://doi.org/10.1038/s41598-017-09198-x	2017	Ignacio, DÍaz, Eva, Calderón-Sánchez, Raquel Del, Toro, Javier, Ávila-Médina, Eva Sánchez, De Rojas-De Pedro, Alejandro, Domínguez-Rodríguez, Juan Antonio, Rosado, Abdelkrim, Hmadcha, Antonio, Ordóñez, Tarik, Smani	No
Extract of Sheng-Mai-San ameliorates myocardial Ischemia-Induced heart failure by modulating ca2+-Calcineurin-Mediated DRP1 signaling pathways	International Journal of Molecular Sciences	https://doi.org/10.3390/ijms18091825	2017	Ye, Yang, Yushan, Tian, Siyao, Hu, Suxia, Bi, Suxia, Li, Yuanjia, Hu, Junping, Kou, Jin, Qi, Boyang, Yu	No
Restoring diabetes-induced autophagic flux arrest in ischemic/reperfused heart by ADIPOR (adiponectin receptor) activation involves both AMPK-dependent and AMPK-independent signaling	Autophagy	https://doi.org/10.1080/15548627.2017.1358848	2017	Yajing, Wang, Bin, Liang, Wayne Bond, Lau, Yunhui, Du, Rui, Guo, Zheyi, Yan, Lu, Gan, Wenjun, Yan, Jianli, Zhao, Erhe, Gao, Walter, Koch, Xin Liang, Ma	No
The alleviation of myocardial ischemia / reperfusion injury by lycopene.	Biomedical Research		2017	Zhenjun, Liu, Guangming, He, Lili, Zhao	No
Variation within variation: Comparison of 24-h rhythm in rodent infarct size between ischemia reperfusion and permanent ligation	International Journal of Molecular Sciences	https://doi.org/10.3390/ijms18081670	2017	Bastiaan, Du Pré, Toon, Van Veen, Sandra, Crnko, Marc, Vos, Janine, Deddens, Pieter, Doevendans, Linda, Van Laake	No

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trans-Polydatin protects the mouse heart against ischemia/reperfusion injury via inhibition of the renin–angiotensin system (RAS) and Rho kinase (ROCK) activity	Food & Function	https://doi.org/10.1039/c6fo01842d	2017	Dong, Ming, Liao, Songyan, Chen, Yawen, Zheng, Na, Ma, Jing, Xiao, Zhaowen, Liu, Ye, Ding, Wa, Liu, Jie	No
Electron leak from NDUFA13 within mitochondrial complex I attenuates ischemia-reperfusion injury via dimerized STAT3	Proceedings of the National Academy of Sciences	http://www.pnas.org/lookup/doi/10.1073/pnas.1704723114	2017	Hengxun, Hu, Jinliang, Nan, Yong, Sun, Dan, Zhu, Changchen, Xiao, Yaping, Wang, Lianlian, Zhu, Yue, Wu, Jing, Zhao, Rongrong, Wu, Jinghai, Chen, Hong, Yu, Xinyang, Hu, Wei, Zhu, Jian'an, Wang	No
Multitarget Effects of Danqi Pill on Global Gene Expression Changes in Myocardial Ischemia	International Journal of Genomics		2018	Qiyan, Wang, Hui, Meng, Qian, Zhang, Tianjiao, Shi, Xuefeng, Zhang, Mingyan, Shao, Linghui, Lu, Jing, Wang, Wei, Wang, Chun, Li, Yong, Wang	No
A metabolomics approach to profiling the cardioprotective effect of LCZ696, an angiotensin receptor-neprilysin inhibitor, on ischemia induced heart failure	RSC Advances	http://dx.doi.org/10.1039/C7RA01404J	2017	Yan, Xia, Zhangwei, Chen, Ao, Chen, Danbo, Lu, Jianguo, Jia, Yunzeng, Zou, Juying, Qian, Junbo, Ge	No
Acute and long-term cardioprotective effects of the Traditional Chinese Medicine MLC901 against myocardial ischemia-reperfusion injury in mice	Scientific Reports	https://doi.org/10.1038/s41598-017-14822-x	2017	Anne, Vincent, Aurélie, Covinhes, Christian, Barrère, Laura, Gallot, Soulit, Thoumala, Christophe, Piot, Catherine, Heurteaux, Michel, Lazdunski, Joël, Nargeot, Stéphanie, Barrère-Lemaire	No
Apoptotic Protease Activating Factor-1 Inhibitor Mitigates Myocardial Ischemia Injury via Disturbing Procaspase-9 Recruitment by Apaf-1.	Oxidative medicine and cellular longevity	http://www.ncbi.nlm.nih.gov/pubmed/29279737%0Ahttp://www.pubmedcentral.nih.gov/...	2017	Ying, Wang, Qiuyan, Zhang, Liangjie, Zhong, Mingshen, Lin, Xiaoling, Luo, Siyu, Liu, Peng, Xu, Xinhua, Liu, Yi Zhun, Zhu	No
Effects of Rotigaptide and RIC on Ischemia Reperfusion Injury in the In Vitro Rabbit Heart	Cardiovascular Pharmacology: Open Access	https://www.esciencecentral.org/journals/effects-of-rotigaptide-and-ric-on-isch...	2017	Salman, R, Johnsen, J, Lassen, TR, Hansen, RS, Botker, HE, Schmidt, MR	No
Oxygenation Status in Chronic Leg Ulcer After Topical Hemoglobin Application May Act as a Surrogate Marker to Find the Best Treatment Strategy and to Avoid Ineffective Conservative Long-term Therapy	Molecular Imaging and Biology	https://doi.org/10.1007/s11307-017-1103-9	2017	Maximilian, Petri, Ingo, Stoffels, Klaus, Griewank, Jithin, Jose, Peter, Engels, Andrea, Schulz, Harald, Pötzschke, Philipp, Jansen, Dirk, Schadendorf, Joachim, Dissemond, Joachim, Klode	No
Inhibition of dipeptidyl peptidase-4 ameliorates cardiac ischemia and systolic dysfunction by up-regulating the FGF-2/EGR-1 pathway	PLoS ONE	https://doi.org/10.1371/journal.pone.0182422	2017	Masayoshi, Suda, Ippei, Shimizu, Yohko, Yoshida, Yuka, Hayashi, Ryutaro, Ikegami, Goro, Katsuumi, Takayuki, Wakasugi, Yutaka, Yoshida, Shujiro, Okuda, Tomoyoshi, Soga, Tohru, Minamino	No
Major contribution of the 3/6/7 class of TRPC channels to myocardial ischemia/reperfusion and cellular hypoxia/reoxygenation injuries	Proceedings of the National Academy of Sciences	http://www.pnas.org/lookup/doi/10.1073/pnas.1621384114	2017	Xiju, He, Shoutian, Li, Benju, Liu, Sebastian, Susperreguy, Karina, Formoso, Jinghong, Yao, Jinsong, Kang, Anbing, Shi, Lutz, Birnbaumer, Yanhong, Liao	No
Mdivi-1 induced acute changes in the angiogenic profile after ischemia-reperfusion injury in female mice	Physiological Reports	https://doi.org/10.14814/phy2.13298	2017	Sudhakar, Veeranki, Suresh C, Tyagi	No

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Image-Guided Hydrogen Gas Delivery for Protection from Myocardial Ischemia-Reperfusion Injury via Microbubbles	ACS Applied Materials and Interfaces	https://doi.org/10.1021/acsami.7b05346	2017	Yingjuan, He, Bo, Zhang, Yihan, Chen, Qiaofeng, Jin, Junru, Wu, Fei, Yan, Hairong, Zheng	No
Hypertrophied myocardium is vulnerable to ischemia reperfusion injury and refractory to rapamycin-induced protection due to increased oxidative/nitrative stress	Clinical Science	http://clinsci.org/lookup/doi/10.1042/CS20171471	2017	Lei-lei, Ma, Pei-pei, Yin, Yang, Li, Fei-juan, Kong, Jun-jie, Guo, Hong-tao, Shi, Jian-bing, Zhu, Yun-zeng, Zou, Jun-bo, Ge	No
Bisoprolol protects myocardium cells against ischemia/reperfusion injury by attenuating unfolded protein response in rats	Scientific Reports	http://dx.doi.org/10.1038/s41598-017-12366-8	2017	Chengcheng, Zhang, Songqing, He, Yanming, Li, Feng, Li, Zhengbing, Liu, Jing, Liu, Jianbin, Gong	No
Acute CD47 Blockade During Ischemic Myocardial Reperfusion Enhances Phagocytosis-Associated Cardiac Repair	JACC: Basic to Translational Science	https://doi.org/10.1016/j.jacbts.2017.03.013	2017	Shuang, Zhang, Xin Yi, Yeap, Matthew, DeBerge, Nivedita K., Naresh, Kevin, Wang, Zhengxin, Jiang, Jane E., Wilcox, Steven M., White, John P., Morrow, Paul W., Burridge, Daniel, Procissi, Evan A., Scott, William, Frazier, Edward B., Thorp	No
miR-17-3p Contributes to Exercise-Induced Cardiac Growth and Protects against Myocardial Ischemia-Reperfusion Injury	Theranostics	http://www.thno.org/v07p0664.htm	2017	Jing, Shi, Yihua, Bei, Xiangqing, Kong, Xiaojun, Liu, Zhiyong, Lei, Tianzhao, Xu, Hui, Wang, Qinkao, Xuan, Ping, Chen, Jiahong, Xu, Lin, Che, Hui, Liu, Jiuchang, Zhong, Joost PG, Sluijter, Xinli, Li, Anthony, Rosenzweig, Junjie, Xiao	No
An atypical role for the myeloid receptor Mincle in central nervous system injury	Journal of Cerebral Blood Flow & Metabolism	http://www.ncbi.nlm.nih.gov/pubmed/27492949	2016	Thiruma V, Arumugam, Silvia, Manzanero, Milena, Furtado, Patrick J, Biggins, Yu-Hsuan, Hsieh, Mathias, Gelderblom, Kelli Pa, MacDonald, Ekaterina, Salimova, Yu-I, Li, Othmar, Korn, Deborah, Dewar, I Mhairi, Macrae, Robert B, Ashman, Sung-Chun, Tang, Nadia A, Rosenthal, Marc J, Ruitenberg, Tim, Magnus, Christine A, Wells	No
Lack of an apparent role for endothelin-1 in the prolonged reduction in renal perfusion following severe unilateral ischemia-reperfusion injury in the mouse	Physiological Reports	http://physreports.physiology.org/lookup/doi/10.14814/phy2.13027	2016	Erika I., Boesen	No
Autophagy protects cardiomyocytes from the myocardial ischaemia-reperfusion injury through the clearance of CLP36	Open Biology	http://rsob.royalsocietypublishing.org/lookup/doi/10.1098/rsob.160177	2016	Shiguo, Li, Chao, Liu, Lei, Gu, Lina, Wang, Yongliang, Shang, Qiong, Liu, Junyi, Wan, Jian, Shi, Fang, Wang, Zhiliang, Xu, Guangju, Ji, Wei, Li	No
High-resolution renal perfusion mapping using contrast-enhanced ultrasonography in ischemia-reperfusion injury monitors changes in renal microperfusion	Kidney International	http://dx.doi.org/10.1016/j.kint.2016.02.004	2016	Krisztina, Fischer, F Can, Meral, Yongzhi, Zhang, Mark G, Vangel, Ferenc A, Jolesz, Takaharu, Ichimura, Joseph V, Bonventre	No
Secreted frizzled-related protein 5 diminishes cardiac inflammation and protects the heart from ischemia-reperfusion injury	Journal of Biological Chemistry	http://www.jbc.org/lookup/doi/10.1074/jbc.M115.693937	2015	Kazuto, Nakamura, Soichi, Sano, José J., Fuster, Ryosuke, Kikuchi, Ippei, Shimizu, Kousei, Ohshima, Yasufumi, Katanasaka, Noriyuki, Ouchi, Kenneth, Walsh	No

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Endothelial fibroblast growth factor receptor signaling is required for vascular remodeling following cardiac ischemia-reperfusion injury	American Journal of Physiology - Heart and Circulatory Physiology	http://ajpheart.physiology.org/content/310/5/H559.abstract	2016	Stacey L, House, Angela M, Castro, Traian S, Lupu, Carla, Weinheimer, Craig, Smith, Attila, Kovacs, David M, Ornitz	No
Assessment of ischaemia-reperfusion injury in the mice testis by using contrast ultrasound molecular imaging	Andrologia	http://doi.wiley.com/10.1111/and.12531	2016	M., Celebi, a. G. a., Paul	No
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