

Title	Journal	Link	Publication date	References	Top Paper
<a href="#">Neurovascular hypoxia trajectories assessed by photoacoustic imaging in a murine model of cardiac arrest and resuscitation</a>	IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control		2023	John P., Salvas, Katherine A., Leyba, Luke E., Schepers, Nitchawat, Paiyabhroma, Craig J., Goergen, Pierre, Sicard	No
<a href="#">Neurovascular hypoxia trajectories assessed by photoacoustic imaging in a murine model of cardiac arrest and resuscitation</a>	IEEE Trans Ultrason Ferroelectr Freq Control		2023	John P, Salvas, Katherine A, Leyba, Luke E, Schepers, Nitchawat, Paiyabhroma, Craig J, Goergen, Pierre, Sicard	No
<a href="#">Monitoring Muscle Perfusion in Rodents During Short-Term Ischemia Using Power Doppler Ultrasound</a>	Ultrasound in Medicine & Biology	<a href="https://linkinghub.elsevier.com/retrieve/pii/S0301562923000650">https://linkinghub.elsevier.com/retrieve/pii/S0301562923000650</a>	2023	Somaye, Babaei, Bingze, Dai, Craig K, Abbey, Yamenah, Ambreen, Wawrzyniec L., Dobrucki, Michael F., Insana	No
<a href="#">Comparable Impairment of Vascular Endothelial Function by a Wide Range of Electronic Nicotine Delivery Devices</a>	Nicotine and Tobacco Research		2022	Poonam, Rao, Daniel D., Han, Kelly, Tan, Leila, Mohammadi, Ronak, Derakhshandeh, Mina, Navabzadeh, Natasha, Goyal, Matthew L., Springer	No
<a href="#">3D-Printed Reinforcement Scaffolds with Targeted Biodegradation Properties for the Tissue Engineering of Articular Cartilage</a>	Advanced Healthcare Materials		2021	Enrico, Tosoratti, Philipp, Fisch, Scott, Taylor, Lee Ann, Laurent-Applegate, Marcy, Zenobi-Wong	No
<a href="#">Dental Pulp Mesenchymal Stem Cells Attenuate Limb Ischemia via Promoting Capillary Proliferation and Collateral Development in a Preclinical Model</a>	Stem Cells International		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
<a href="#">Hypoxia-induced miR-210 modulates the inflammatory response and fibrosis upon acute ischemia</a>	Cell Death and Disease		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

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<a href="#">Experimental Myocardial Infarction Elicits Time-Dependent Patterns of Vascular Hypoxia in Peripheral Organs and in the Brain</a>	Frontiers in Cardiovascular Medicine	<a href="https://www.frontiersin.org/articles/10.3389/fcvm.2020.615507/full">https://www.frontiersin.org/articles/10.3389/fcvm.2020.615507/full</a>	2021	Hélène, David, Aurore, Ughetto, Philippe, Gaudard, Maëlle, Plaweck, Nitchawat, Paiyabhroma, Emma, Zub, Pascal, Colson, Sylvain, Richard, Nicola, Marchi, Pierre, Sicard	No
<a href="#">Brain-targeted hypoxia-inducible factor stabilization reduces neonatal hypoxic-ischemic brain injury</a>	Neurobiology of Disease	<a href="https://doi.org/10.1016/j.nbd.2020.105200">https://doi.org/10.1016/j.nbd.2020.105200</a>	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
<a href="#">Evaluation of Hemodynamics in a Murine Hindlimb Ischemia Model Using Spatial Frequency Domain Imaging</a>	Lasers in Surgery and Medicine		2020	Katherine A., Leyba, Sandhya, Vasudevan, Thomas D., O'Sullivan, Craig J., Goergen	No
<a href="#">Short-term molecular and cellular effects of ischemia/reperfusion on vascularized lymph node flaps in rats</a>	PLoS ONE		2020	Florian S., Frueh, Bijan, Jelvani, Claudia, Scheuer, Christina, Korb, Bong Sung, Kim, Pietro, Giovanoli, Nicole, Lindenblatt, Yves, Harder, Emmanuel, Ampofo, Michael D., Menger, Matthias W., Laschke	No
<a href="#">Mitochondrial transplantation ameliorates acute limb ischemia</a>	Journal of Vascular Surgery	<a href="https://doi.org/10.1016/j.jvs.2019.03.079">https://doi.org/10.1016/j.jvs.2019.03.079</a>	2020	Arzoo, Orfany, Carlos Galán, Arriola, Ilias P., Doulamis, Alvise, Guariento, Giovanna, Ramirez-Barbieri, Kamila, Moskowitsova, Borami, Shin, David, Blitzer, Caitlyn, Rogers, Pedro J., del Nido, James D., McCully	No
<a href="#">Protective role of Nrf2 against ischemia reperfusion injury and cardiac allograft vasculopathy</a>	American Journal of Transplantation	<a href="https://onlinelibrary.wiley.com/doi/abs/10.1111/ajt.15724">https://onlinelibrary.wiley.com/doi/abs/10.1111/ajt.15724</a>	2020	Naoto, Fukunaga, Hiroyuki, Kawajiri, Mitesh V., Badiwala, Jagdish, Butany, Ren-ke, Li, Filio, Billia, Vivek, Rao	No
<a href="#">Mechanism of angiogenesis promotion with Shexiang Baoxin Pills by regulating function and signaling pathway of endothelial cells through macrophages</a>	Atherosclerosis	<a href="https://doi.org/10.1016/j.atherosclerosis.2019.11.005">https://doi.org/10.1016/j.atherosclerosis.2019.11.005</a>	2020	Jiange, Zhang, Qianfei, Cui, Yiran, Zhao, Runan, Guo, Changsen, Zhan, Peng, Jiang, Pengwei, Luan, Pei, Zhang, Feiyun, Wang, Liuqing, Yang, Xiyun, Yang, Yulan, Xu	No