

## Most Cited Articles in 2022

Dear Readers

We would like to announce the top 12 articles most frequently cited in the 2020 and 2021 issues of the International Heart Journal. The numbers of citations are cited in the year of 2022.

Rank	Authors/Title/Issue	Type	Number of citation
1	<i>Wenjing Feng, Yi Hu, Nina An, Zhe Feng, Jianya Liu, Jie Mou, Ting Hu, Huashi Guan, Dongfeng Zhang, Yongjun Mao.</i> Alginate Oligosaccharide Alleviates Monocrotaline-Induced Pulmonary Hypertension via Anti-Oxidant and Anti-Inflammation Pathways in Rats. 2020; 61(1): 160-168. <a href="https://doi.org/10.1536/ihj.19-096">https://doi.org/10.1536/ihj.19-096</a>	Experimental Study	11
2	<i>Chaolong Jin, Shan Gao, Dayuan Li, Xuegong Shi, Zhangyue Hu, Chunmiao Wang, Jie Xiao, Zhe Sheng, Zhifeng Ding, Dingxin Zhang, Di Wang, Tingting Wang, Fang Yang, Ying Yang, Xinglong Wang, Liping Wu, Yue Xu.</i> MiR-182-5p Inhibits the Proliferation of Vascular Smooth Muscle Cells Induced by ox-LDL Through Targeting PAPPA. 2020; 61(4): 822-830. <a href="https://doi.org/10.1536/ihj.19-708">https://doi.org/10.1536/ihj.19-708</a>	Experimental Study	9
3	<i>Zesheng Wu, Jinyan Fang, Yi Wang, Fanghui Chen.</i> Prevalence, Outcomes, and Risk Factors of New-Onset Atrial Fibrillation in Critically Ill Patients; A Systematic Review. 2020; 61(3): 476-485. <a href="https://doi.org/10.1536/ihj.19-511">https://doi.org/10.1536/ihj.19-511</a>	Experimental Study	8
3	<i>Takuya Matsumoto, Satoshi Kodera, Hiroki Shinohara, Hirotaka Ieki, Toshihiro Yamaguchi, Yasutomi Higashikuni, Arihiro Kiyosue, Kaoru Ito, Jiro Ando, Eiki Takimoto, Hiroshi Akazawa, Hiroyuki Morita, Issei Komuro.</i> Diagnosing Heart Failure from Chest X-Ray Images Using Deep Learning. 2020; 61(4): 781-786. <a href="https://doi.org/10.1536/ihj.19-714">https://doi.org/10.1536/ihj.19-714</a>	Clinical Study	8
3	<i>Miao Chen, Jianqiang Zhao, Chengui Zhuo, Liangrong Zheng.</i> The Association Between Ambient Air Pollution and Atrial Fibrillation: A Systematic Review and Meta-Analysis. 2021; 62(2): 290-297. <a href="https://doi.org/10.1536/ihj.20-523">https://doi.org/10.1536/ihj.20-523</a>	Clinical Study	8
6	<i>Bu Jin, Fangfang Ji, Anjun Zuo, Huiting Liu, Lin Qi, Yun He, Qingyao Wang, Peng Zhao.</i> Destructive Role of TMAO in T-Tubule and Excitation-Contraction Coupling in the Adult Cardiomyocytes. 2020; 61(2): 355-363. <a href="https://doi.org/10.1536/ihj.19-372">https://doi.org/10.1536/ihj.19-372</a>	Experimental Study	7
6	<i>Ippei Nakano, Shintaro Kinugawa, Hiroaki Hori, Arata Fukushima, Takashi Yokota, Shingo Takada, Naoya Kakutani, Yoshikuni Obata, Katsuma Yamanashi, Toshihisa Anzai.</i> Serum Brain-Derived Neurotrophic Factor Levels Are Associated with Skeletal Muscle Function but Not with Muscle Mass in Patients with Heart Failure. 2020; 61(1): 96-102. <a href="https://doi.org/10.1536/ihj.19-400">https://doi.org/10.1536/ihj.19-400</a>	Clinical Study	7
6	<i>Yan Zhang, Yu-Min Sun, Ying-Jia Xu, Cui-Mei Zhao, Fang Yuan, Xiao-Juan Guo, Yu-Han Guo, Chen-Xi Yang, Jia-Ning Gu, Qi Qiao, Jun Wang, Yi-Qing Yang.</i> A New TBX5 Loss-of-Function Mutation Contributes to Congenital Heart Defect and Atrioventricular Block. 2020; 61(4): 761-768. <a href="https://doi.org/10.1536/ihj.19-650">https://doi.org/10.1536/ihj.19-650</a>	Clinical Study	7
6	<i>Tomoo Nakata, Satoshi Ikeda, Seiji Koga, Tsuyoshi Yonekura, Akira Tsuneto, Yoshiyuki Doi, Satoki Fukae, Takako Minami, Hiroaki Kawano, Koji Maemura.</i> Randomized, Open-Label, Cross-Over Comparison of the Effects of Benzbromarone and Febuxostat on Endothelial Function in Patients with Hyperuricemia. 2020; 61(5): 984-992. <a href="https://doi.org/10.1536/ihj.20-114">https://doi.org/10.1536/ihj.20-114</a>	Clinical Study	7
6	<i>Stefan A. Juricic, Milorad B. Tesic, Alfredo R. Galassi, Olga N. Petrovic, Milan R. Dobric, Dejan N. Orlic, Vladan D. Vukcevic, Goran R. Stankovic, Srdjan B. Aleksandric, Miloje V. Tomasevic, Milan A. Nedeljkovic, Branko D. Beleslin, Dario D. Jelic, Miodrag C. Ostojic, Simisa M. Stojkovic.</i> Randomized Controlled Comparison of Optimal Medical Therapy with Percutaneous Recanalization of Chronic Total Occlusion (COMET-CTO). 2021; 62(1): 16-22. <a href="https://doi.org/10.1536/ihj.20-427">https://doi.org/10.1536/ihj.20-427</a>	Clinical Study	7
6	<i>Tian-Ming Wang, Shan-Shan Wang, Ying-Jia Xu, Cui-Mei Zhao, Xiao-Hui Qiao, Chen-Xi Yang, Xing-Yuan Liu, Yi-Qing Yang.</i> SOX17 Loss-of-Function Mutation Underlying Familial Pulmonary Arterial Hypertension. 2021; 62(3): 566-574. <a href="https://doi.org/10.1536/ihj.20-711">https://doi.org/10.1536/ihj.20-711</a>	Clinical Study	7
6	<i>Bin Li, Xinyong Cai, Yunxia Wang, Hongmin Zhu, Ping Zhang, Panpan Jiang, Xu Yang, Jianhua Sun, Lang Hong, Liang Shao.</i> Circ-SKA3 Enhances Doxorubicin Toxicity in AC16 Cells Through miR-1303/TLR4 Axis. 2021; 62(5): 1112-1123. <a href="https://doi.org/10.1536/ihj.20-809">https://doi.org/10.1536/ihj.20-809</a>	Experimental Study	7

We appreciate all authors who submitted their manuscripts to the International Heart Journal, and look forward to receiving manuscripts with high scientific impact from all over the world.

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Editor-in-Chief  
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