Ali Fatehi Hassanabad

List of Publications by Year
in descending order

62 papers	806 citations	623188 14 h-index	552369 26 g-index
62 all docs	62 docs citations	62 times ranked	1113 citing authors

#	Article	IF	Citations
1	Gata6+ Pericardial Cavity Macrophages Relocate to the Injured Heart and Prevent Cardiac Fibrosis. Immunity, 2019, 51, 131-140.e5.	6.6	110
2	Esophageal carcinoma: Towards targeted therapies. Cellular Oncology (Dordrecht), 2020, 43, 195-209.	2.1	99
3	Direct Effects of Empagliflozin on Extracellular Matrix Remodelling in Human Cardiac Myofibroblasts: Novel Translational Clues to Explain EMPA-REG OUTCOME Results. Canadian Journal of Cardiology, 2020, 36, 543-553.	0.8	89
4	Current perspectives on statins as potential anti-cancer therapeutics: clinical outcomes and underlying molecular mechanisms. Translational Lung Cancer Research, 2019, 8, 692-699.	1.3	74
5	Post-Operative Adhesions: A Comprehensive Review of Mechanisms. Biomedicines, 2021, 9, 867.	1.4	42
6	Prevention of Post-Operative Adhesions: A Comprehensive Review of Present and Emerging Strategies. Biomolecules, 2021, 11, 1027.	1.8	40
7	Acellular Extracellular Matrix Bioscaffolds for Cardiac Repair and Regeneration. Frontiers in Cell and Developmental Biology, 2019, 7, 63.	1.8	38
8	Pressure drop mapping using 4D flow MRI in patients with bicuspid aortic valve disease: A novel marker of valvular obstruction. Magnetic Resonance Imaging, 2020, 65, 175-182.	1.0	31
9	Non-small cell lung cancer: Emerging molecular targeted and immunotherapeutic agents. Biochimica Et Biophysica Acta: Reviews on Cancer, 2021, 1876, 188636.	3.3	27
10	Acellular bioscaffolds redirect cardiac fibroblasts and promote functional tissue repair in rodents and humans with myocardial injury. Scientific Reports, 2020, 10, 9459.	1.6	23
11	Molecular mechanisms underlining the role of metformin as a therapeutic agent in lung cancer. Cellular Oncology (Dordrecht), 2021, 44, 1-18.	2.1	18
12	Four-dimensional-flow Magnetic Resonance Imaging of the Aortic Valve and Thoracic Aorta. Radiologic Clinics of North America, 2020, 58, 753-763.	0.9	17
13	Delirium and depression in cardiac surgery: A comprehensive review of risk factors, pathophysiology, and management. Journal of Cardiac Surgery, 2021, 36, 2876-2889.	0.3	16
14	Utilizing wall shear stress as a clinical biomarker for bicuspid valve-associated aortopathy. Current Opinion in Cardiology, 2019, 34, 124-131.	0.8	15
15	Statins as Potential Therapeutics for Lung Cancer. American Journal of Clinical Oncology: Cancer Clinical Trials, 2019, 42, 732-736.	0.6	15
16	Left ventricular assist devices: A comprehensive review of major clinical trials, devices, and future directions. Journal of Cardiac Surgery, 2021, 36, 1480-1491.	0.3	15
17	Promoting Cardiac Regeneration and Repair Using Acellular Biomaterials. Frontiers in Bioengineering and Biotechnology, 2020, 8, 291.	2.0	14
18	Neural-Network-Based Diagnosis Using 3-Dimensional Myocardial Architecture and Deformation: Demonstration for the Differentiation of Hypertrophic Cardiomyopathy. Frontiers in Cardiovascular Medicine, 2020, 7, 584727.	1.1	10

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19	An overview of human pericardial space and pericardial fluid. Cardiovascular Pathology, 2021, 53, 107346.	0.7	10
20	Evolution of Precision Medicine and Surgical Strategies for Bicuspid Aortic Valve-Associated Aortopathy. Frontiers in Physiology, 2017, 8, 475.	1.3	9
21	Surgical Treatment for Ischemic Heart Failure (STICH) trial: A review of outcomes. Journal of Cardiac Surgery, 2019, 34, 1075-1082.	0.3	9
22	The CorMatrix Corâ„¢ PATCH for epicardial infarct repair. Future Cardiology, 2021, 17, 1297-1305.	0.5	9
23	Complete transcatheter versus complete surgical treatment in patients with aortic valve stenosis and concomitant coronary artery disease: Studyâ€level metaâ€analysis with reconstructed timeâ€toâ€event data. Journal of Cardiac Surgery, 2022, 37, 2072-2083.	0.3	8
24	Application of Bioengineered Materials in the Surgical Management of Heart Failure. Frontiers in Cardiovascular Medicine, 2019, 6, 123.	1.1	6
25	Targeting the Mevalonate Pathway for Treating Lung Cancer. American Journal of Clinical Oncology: Cancer Clinical Trials, 2020, 43, 69-70.	0.6	6
26	Minimally Invasive Surgical Aortic Valve Replacement: An Overview of Recent Advances. Canadian Journal of Cardiology, 2019, 35, 225-228.	0.8	5
27	Contemporary Reoperative Mitral Valve Surgery: Technical Considerations and Clinical Outcomes. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2020, 15, 425-439.	0.4	5
28	Statins as Potential Therapeutics for Esophageal Cancer. Journal of Gastrointestinal Cancer, 2021, 52, 833-838.	0.6	5
29	Cardiovascular sequelae of <scp>sportsâ€related</scp> concussions. PM and R, 2022, 14, 1219-1226.	0.9	5
30	Evolving Surgical Approaches to Bicuspid Aortic Valve Associated Aortopathy. Frontiers in Cardiovascular Medicine, 2019, 6, 19.	1.1	4
31	Mechanical Circulatory Support for theÂManagement of ComplexÂPeripartumÂCardiomyopathy. JACC: Case Reports, 2020, 2, 154-158.	0.3	4
32	Clinical and hemodynamic outcomes of the Dor procedure in adults with ischemic cardiomyopathy. Journal of Cardiac Surgery, 2021, 36, 4345-4366.	0.3	4
33	Atrial fibrillation: Current and emerging surgical strategies. Journal of Cardiac Surgery, 2019, 34, 1305-1320.	0.3	3
34	Molecular Determinants of Statin-sensitivity in Cancer. American Journal of Clinical Oncology: Cancer Clinical Trials, 2020, 43, 160-162.	0.6	3
35	Review of transapical off-pump mitral valve intervention with NeoChord implantation. Current Opinion in Cardiology, 2021, 36, 130-140.	0.8	3
36	Can Statins be Protagonists in Our Approach to Cancer Treatment?. American Journal of Clinical Oncology: Cancer Clinical Trials, 2019, 42, 547-548.	0.6	2

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37	Fluoroquinolone-Associated Type A Aortic Dissection in Alpha-1 Anti-Trypsin Deficiency. Annals of Thoracic Surgery, 2020, 110, e489-e491.	0.7	2
38	Right anterior mini thoracotomy approach for isolated aortic valve replacement: Early outcomes at a Canadian center. Journal of Cardiac Surgery, 2021, 36, 2365-2372.	0.3	2
39	Ischemic heart disease: Cellular and molecular immune contributions of the pericardium. International Journal of Biochemistry and Cell Biology, 2021, 140, 106076.	1.2	2
40	Imaging limitations in evaluating blunt cardiac trauma: A case report. Journal of Cardiac Surgery, 2019, 34, 1377-1379.	0.3	1
41	Delayed dehiscence of modified mechanical Bentall 7 years postsurgery for Takayasu's arteritis. Journal of Cardiac Surgery, 2019, 34, 352-355.	0.3	1
42	Right anterior minithoracotomy approach for resection of papillary fibroelastoma. Journal of Cardiac Surgery, 2020, 35, 1729-1731.	0.3	1
43	Review of Contemporary Techniques for Minimally Invasive Coronary Revascularization. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2021, 16, 231-243.	0.4	1
44	Is There a Role for Statins and Metformin in Cancer Therapy?. American Journal of Clinical Oncology: Cancer Clinical Trials, 2020, 43, 833-835.	0.6	1
45	Targeting selected extracellular matrix components to attenuate cardiac fibrosis. Annals of Translational Medicine, 2018, 6, S49-S49.	0.7	1
46	Dye-Mediated Photo-Oxidation Biomaterial Fixation: Analysis of Bioinductivity and Mechanical Properties of Bovine Pericardium for Use in Cardiac Surgery. International Journal of Molecular Sciences, 2021, 22, 10768.	1.8	1
47	Precision and targeted therapy in cardiac surgery. Journal of Thoracic Disease, 2018, 10, S3986-S3988.	0.6	0
48	Modify, simplify, apply: Do we need preclinical models for surgical innovation?. Journal of Thoracic and Cardiovascular Surgery, 2018, 156, 1869-1870.	0.4	0
49	Minimally invasive cardiac surgery presents challenges for design of randomized clinical trials. Journal of Thoracic and Cardiovascular Surgery, 2019, 157, e133-e134.	0.4	0
50	Commentary: Transplanting the powerhouse of the cell to enhance cardiopulmonary repair. Journal of Thoracic and Cardiovascular Surgery, 2020, , .	0.4	0
51	Commentary: A picture is worth a thousand words: Improving surgical approaches using advanced multimodal cardiac imaging. Journal of Thoracic and Cardiovascular Surgery, 2022, 163, e247-e248.	0.4	0
52	Commentary: Past is Prologue â€“ Leveraging Big Data to Optimize Future Operative Risk Prediction. Seminars in Thoracic and Cardiovascular Surgery, 2021, , .	0.4	0
53	Targeting the Mevalonate Pathway for Treating Esophageal Cancer. Journal of Gastrointestinal Cancer, 2021, 52, 819-821.	0.6	0
54	Recent insights into pathophysiology and management of mechanical complications of myocardial infarction. Current Opinion in Cardiology, 2021, 36, 623-629.	0.8	0

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55	Commentary: Quality of Life is Remembered Long After the Surgery is Forgotten. Seminars in Thoracic and Cardiovascular Surgery, 2021, , .	0.4	0
56	An Intact Pericardium Ischemic Rodent Model. Journal of Visualized Experiments, 2021, , .	0.2	0
57	Validating innovations to improve recovery after heart surgery. Annals of Translational Medicine, 2018, 6, S13-S13.	0.7	0
58	Surgical ventricular restoration for patients with heart failure. Reviews in Cardiovascular Medicine, 2021, 22, 1341.	0.5	0
59	Novel Use of the Perceval Valve for Prosthetic Aortic Valve Endocarditis Requiring Root Replacement. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2022, , 155698452110600.	0.4	0
60	Brain death post cardiac surgery: A modified apnea test to confirm death by neurologic criteria for a patient on extracorporeal membrane oxygenation. Journal of Cardiac Surgery, 2022, , .	0.3	0
61	A unique and atypical presentation of heart failure secondary to incidental left atrial myxoma in a patient post gynecological surgery. Journal of Cardiology Cases, 2021, 25, 289-291.	0.2	0
62	Do Dipeptidyl Peptidase-4 Inhibitors Increase the Risk of Heart Failure in Patients with Type 2 Diabetes?. Current Diabetes Reviews, 2021, 18, .	0.6	0