

Bryan James Mathis

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

463
citations

840585

11
h-index

794469

19
g-index

60
all docs

60
docs citations

60
times ranked

590
citing authors

#	ARTICLE	IF	CITATIONS
1	Conduction disorders after perimembranous ventricular septal defect closure: continuous versus interrupted suturing techniques. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, 62, .	0.6	4
2	Total arch replacement with both frozen elephant trunk and transthoracic aorto-axillary extra-anatomical bypass through partial sternotomy for acute aortic dissection in a tracheostomy patient. <i>General Thoracic and Cardiovascular Surgery</i> , 2022, 70, 386.	0.4	0
3	In Vivo Accelerator-Based Boron Neutron Capture Therapy for Spontaneous Tumors in Large Animals: Case Series. <i>Biology</i> , 2022, 11, 138.	1.3	10
4	Two cases of catastrophic deterioration and multiple leaflet detachment in Trifecta valves. <i>General Thoracic and Cardiovascular Surgery</i> , 2022, 70, 292.	0.4	1
5	Expanded Polytetrafluoroethylene Patching for Recurrent Pulmonary Venous Obstructions. <i>Annals of Thoracic Surgery</i> , 2022, 114, e335-e337.	0.7	2
6	Reply to Liu and Bu. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, , .	0.6	0
7	Pediatric cardiac tamponade caused by metallic wire penetration into the heart: A case report and literature review. <i>Journal of Cardiac Surgery</i> , 2022, , .	0.3	0
8	Successful surgical resection plus surgical cryoablation for the treatment of a large left ventricular fibroma. <i>Journal of Cardiac Surgery</i> , 2022, , .	0.3	0
9	PERSONality, Ethical, and PROfessional quality of life in Pediatric/Adult Intensive Nurses study: PERSEPRO PAIN study. <i>PLoS ONE</i> , 2022, 17, e0259721.	1.1	3
10	Polymer-Stabilized Elemental Boron Nanoparticles for Boron Neutron Capture Therapy: Initial Irradiation Experiments. <i>Pharmaceutics</i> , 2022, 14, 761.	2.0	11
11	English as a Vocational Passport: Japanese Medical Students and Second Language Learning Motivation. <i>Education Sciences</i> , 2022, 12, 8.	1.4	7
12	Packaging and Delivery of Asthma Therapeutics. <i>Pharmaceutics</i> , 2022, 14, 92.	2.0	4
13	Phase II trial of nivolumab monotherapy and biomarker screening in patients with chemoâ€refractory germ cell tumors. <i>International Journal of Urology</i> , 2022, 29, 741-747.	0.5	6
14	<sc>ELOVL5</sc>â€mediated fatty acid elongation promotes cellular proliferation and invasion in renal cell carcinoma. <i>Cancer Science</i> , 2022, 113, 2738-2752.	1.7	14
15	The effect of roller head pump on platelet deterioration during the simulated extracorporeal circulation. <i>Journal of Artificial Organs</i> , 2021, 24, 22-26.	0.4	2
16	In Vitro and In Vivo Evaluation of Fluorescently Labeled Borocaptate-Containing Liposomes. <i>Journal of Fluorescence</i> , 2021, 31, 73-83.	1.3	9
17	Establishment of a murine, lipopolysaccharide-induced sepsis model for testing anaerobic exercise thresholds and early mobilization. <i>Medicine in Drug Discovery</i> , 2021, 9, 100074.	2.3	0
18	Surgical Management of Intraoperative Aortic Dissection in Type 3 Loeys-Dietz Syndrome with MYH11 Co-Mutation. <i>Heart Surgery Forum</i> , 2021, 24, E231-E232.	0.2	3

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19	Severe COVID-19 Infection Associated with Endothelial Dysfunction Induces Multiple Organ Dysfunction: A Review of Therapeutic Interventions. <i>Biomedicines</i> , 2021, 9, 279.	1.4	20
20	Serum Creatine Kinase Increases after Acute Strength Training in College Athletes with Menstrual Irregularities. <i>Women</i> , 2021, 1, 71-79.	0.5	2
21	Biologic Treatments for Asthma and Chronic Obstructive Pulmonary Disorder. <i>Allergies</i> , 2021, 1, 92-107.	0.5	5
22	Architecture matters: Tissue preservation strategies for tetralogy of Fallot repair. <i>Journal of Cardiac Surgery</i> , 2021, 36, 2836-2849.	0.3	0
23	Cultural sensitivity in brain death determination: a necessity in end-of-life decisions in Japan. <i>BMC Medical Ethics</i> , 2021, 22, 58.	1.0	12
24	PLD1 promotes tumor invasion by regulation of MMP-13 expression via NF- κ B signaling in bladder cancer. <i>Cancer Letters</i> , 2021, 511, 15-25.	3.2	18
25	Severity and prevalence of burnout syndrome in paediatric intensive care nurses: A systematic review. <i>Intensive and Critical Care Nursing</i> , 2021, 67, 103082.	1.4	10
26	First Clinical Trial of a Newly Developed, Low Menaquinone-7, Fermented Soybean Natto in Warfarin-Dependent Patients. <i>Journal of Medicinal Food</i> , 2021, 24, 860-865.	0.8	0
27	KLF4 Promotes Diabetic Chronic Wound Healing by Suppressing Th17 Cell Differentiation in an MDSC-Dependent Manner. <i>Journal of Diabetes Research</i> , 2021, 2021, 1-9.	1.0	9
28	Gold Nanoparticles Permit In Situ Absorbed Dose Evaluation in Boron Neutron Capture Therapy for Malignant Tumors. <i>Pharmaceutics</i> , 2021, 13, 1490.	2.0	8
29	Can Color Doppler Ultrasound Challenge the Paradigm in Percutaneous Nephrolithotomy?. <i>Journal of Endourology</i> , 2021, , .	1.1	0
30	Dose-Dependent Suppression of Human Glioblastoma Xenograft Growth by Accelerator-Based Boron Neutron Capture Therapy with Simultaneous Use of Two Boron-Containing Compounds. <i>Biology</i> , 2021, 10, 1124.	1.3	6
31	ELOVL2 promotes cancer progression by inhibiting cell apoptosis in renal cell carcinoma. <i>Oncology Reports</i> , 2021, 47, .	1.2	17
32	The Intricate Web of Fatigue in Women. <i>Women</i> , 2021, 1, 267-279.	0.5	0
33	Case Report: Molecular Characterization of Aggressive Malignant Retroperitoneal Solitary Fibrous Tumor: A Case Study. <i>Frontiers in Oncology</i> , 2021, 11, 736969.	1.3	7
34	Congenital Tricuspid Valve Calcification Necessitating Neonatal Surgical Intervention. <i>Annals of Thoracic Surgery</i> , 2021, , .	0.7	0
35	Surgical correction of coarctation of the aorta featuring an incomplete circle of Willis. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2020, 30, 794-795.	0.5	3
36	Surgical Resection of an Adventitial Cyst of the Right Brachiocephalic Vein. <i>Annals of Thoracic Surgery</i> , 2020, 110, e201-e203.	0.7	1

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37	Down Syndrome Reduces the Sedative Effect of Midazolam in Pediatric Cardiovascular Surgical Patients. <i>Scientific Reports</i> , 2020, 10, 2148.	1.6	1
38	Accelerator-based boron neutron capture therapy for malignant glioma: a pilot neutron irradiation study using boron phenylalanine, sodium borocaptate and liposomal borocaptate with a heterotopic U87 glioblastoma model in SCID mice. <i>International Journal of Radiation Biology</i> , 2020, 96, 868-878.	1.0	24
39	<p>Evaluating the Therapeutic Efficacy and Safety of Landiolol Hydrochloride for Management of Arrhythmia in Critical Settings: Review of the Literature</p>. <i>Vascular Health and Risk Management</i> , 2020, Volume 16, 111-123.	1.0	5
40	TEG improves anticoagulation management during cardiopulmonary bypass complicated by antiphospholipid syndrome. <i>Journal of Cardiac Surgery</i> , 2020, 35, 1354-1356.	0.3	2
41	Slit Orifice Aortic Cusp Extension Technique for Small Bicuspid Valves. <i>Annals of Thoracic Surgery</i> , 2020, 110, e143-e145.	0.7	0
42	The Role of Nrf2 in the Cardiovascular System and Atherosclerosis. <i>Agents and Actions Supplements</i> , 2020, , 97-127.	0.2	0
43	International review of nationalâ€level guidelines on endâ€ofâ€life care with focus on the withholding and withdrawing of artificial nutrition and hydration. <i>Geriatrics and Gerontology International</i> , 2019, 19, 847-853.	0.7	2
44	Catastrophic cerebral infarction during extracorporeal life support due to a rare anomaly in the circle of Willis. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2019, 29, 816-817.	0.5	8
45	Surgical extraction of a giant intracardiac lead vegetation and epicardial pacemaker reimplantation in a pacemakerâ€dependent hemodialysis patient. <i>Journal of Cardiac Surgery</i> , 2019, 34, 877-879.	0.3	0
46	Surgical Correction of Adult Unrepaired Tetralogy of Fallot to Facilitate Stage IIIA Uterine Cancer Treatment. <i>World Journal for Pediatric & Congenital Heart Surgery</i> , 2019, 10, 796-798.	0.3	0
47	Successful surgical management for aneurysms of single coronary artery with a fistulous connection to the right ventricle. <i>Journal of Cardiac Surgery</i> , 2019, 34, 1405-1407.	0.3	1
48	Surgical resection of enlarged calcification formed by idiopathic localized constrictive pericarditis during total aortic arch replacement for aortic dissection. <i>Journal of Cardiac Surgery</i> , 2019, 34, 511-513.	0.3	1
49	Rolipram plus Sivelestat inhibits bone marrow-derived leukocytic lung recruitment after cardiopulmonary bypass in a primate model. <i>Journal of Artificial Organs</i> , 2019, 22, 44-52.	0.4	8
50	Radiobiological response of U251MG, CHO-K1 and V79 cell lines to accelerator-based boron neutron capture therapy. <i>Journal of Radiation Research</i> , 2018, 59, 101-107.	0.8	29
51	Predictors of Pericardial Effusion in Patients Undergoing Pulmonary Artery Banding. <i>World Journal for Pediatric & Congenital Heart Surgery</i> , 2018, 9, 201-205.	0.3	2
52	Risk of female athlete triad development in Japanese collegiate athletes is related to sport type and competitive level. <i>International Journal of Women's Health</i> , 2018, Volume 10, 671-687.	1.1	10
53	Polycomplexes of Hyaluronic Acid and Borates in a Solid State and Solution: Synthesis, Characterization and Perspectives of Application in Boron Neutron Capture Therapy. <i>Polymers</i> , 2018, 10, 181.	2.0	14
54	Landiolol Hydrochloride Rapidly Controls Junctional Ectopic Tachycardia After Pediatric Heart Surgery. <i>Pediatric Critical Care Medicine</i> , 2018, 19, 713-717.	0.2	10

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55	MRI reveals menstrually-related muscle edema that negatively affects athletic agility in young women. PLoS ONE, 2018, 13, e0191022.	1.1	12
56	CDDO and Its Role in Chronic Diseases. Advances in Experimental Medicine and Biology, 2016, 929, 291-314.	0.8	16
57	Deubiquitinating enzyme CYLD mediates pressure overload-induced cardiac maladaptive remodeling and dysfunction via downregulating Nrf2. Journal of Molecular and Cellular Cardiology, 2015, 84, 143-153.	0.9	43
58	Inhibitory role of reactive oxygen species in the differentiation of multipotent vascular stem cells into vascular smooth muscle cells in rats: a novel aspect of traditional culture of rat aortic smooth muscle cells. Cell and Tissue Research, 2015, 362, 97-113.	1.5	7
59	CYLD-Mediated Signaling and Diseases. Current Drug Targets, 2015, 16, 284-294.	1.0	74