

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	CYLD-Mediated Signaling and Diseases. <i>Current Drug Targets</i> , 2015, 16, 284-294.	1.0	74
2	Deubiquitinating enzyme CYLD mediates pressure overload-induced cardiac maladaptive remodeling and dysfunction via downregulating Nrf2. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 84, 143-153.	0.9	43
3	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
4	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
5	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
6	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
7	ELOVL2 promotes cancer progression by inhibiting cell apoptosis in renal cell carcinoma. <i>Oncology Reports</i> , 2021, 47, .	1.2	17
8	CDDO and Its Role in Chronic Diseases. <i>Advances in Experimental Medicine and Biology</i> , 2016, 929, 291-314.	0.8	16
9	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
10	<sc>ELOVL5</sc>-mediated fatty acid elongation promotes cellular proliferation and invasion in renal cell carcinoma. <i>Cancer Science</i> , 2022, 113, 2738-2752.	1.7	14
11	MRI reveals menstrually-related muscle edema that negatively affects athletic agility in young women. <i>PLoS ONE</i> , 2018, 13, e0191022.	1.1	12
12	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
13	Polymer-Stabilized Elemental Boron Nanoparticles for Boron Neutron Capture Therapy: Initial Irradiation Experiments. <i>Pharmaceutics</i> , 2022, 14, 761.	2.0	11
14	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
15	Landirolol Hydrochloride Rapidly Controls Junctional Ectopic Tachycardia After Pediatric Heart Surgery. <i>Pediatric Critical Care Medicine</i> , 2018, 19, 713-717.	0.2	10
16	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
17	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
18	In Vitro and In Vivo Evaluation of Fluorescently Labeled Borocaptate-Containing Liposomes. <i>Journal of Fluorescence</i> , 2021, 31, 73-83.	1.3	9

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19	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
20	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
21	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
22	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
23	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. <i>Cell and Tissue Research</i> , 2015, 362, 97-113.	1.5	7
24	English as a Vocational Passport: Japanese Medical Students and Second Language Learning Motivation. <i>Education Sciences</i> , 2022, 12, 8.	1.4	7
25	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
26	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
27	Phase II trial of nivolumab monotherapy and biomarker screening in patients with chemo-refractory germ cell tumors. <i>International Journal of Urology</i> , 2022, 29, 741-747.	0.5	6
28	<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
29	Biologic Treatments for Asthma and Chronic Obstructive Pulmonary Disorder. <i>Allergies</i> , 2021, 1, 92-107.	0.5	5
30	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
31	Packaging and Delivery of Asthma Therapeutics. <i>Pharmaceutics</i> , 2022, 14, 92.	2.0	4
32	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
33	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
34	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
35	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
36	International review of national-level guidelines on end-of-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

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37	TEG improves anticoagulation management during cardiopulmonary bypass complicated by antiphospholipid syndrome. <i>Journal of Cardiac Surgery</i> , 2020, 35, 1354-1356.	0.3	2
38	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
39	Serum Creatine Kinase Increases after Acute Strength Training in College Athletes with Menstrual Irregularities. <i>Women</i> , 2021, 1, 71-79.	0.5	2
40	Expanded Polytetrafluoroethylene Patching for Recurrent Pulmonary Venous Obstructions. <i>Annals of Thoracic Surgery</i> , 2022, 114, e335-e337.	0.7	2
41	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
42	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
43	Surgical Resection of an Adventitial Cyst of the Right Brachiocephalic Vein. <i>Annals of Thoracic Surgery</i> , 2020, 110, e201-e203.	0.7	1
44	Down Syndrome Reduces the Sedative Effect of Midazolam in Pediatric Cardiovascular Surgical Patients. <i>Scientific Reports</i> , 2020, 10, 2148.	1.6	1
45	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
46	Surgical extraction of a giant intracardiac lead vegetation and epicardial pacemaker reimplantation in a pacemaker-dependent hemodialysis patient. <i>Journal of Cardiac Surgery</i> , 2019, 34, 877-879.	0.3	0
47	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
48	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
49	Architecture matters: Tissue preservation strategies for tetralogy of Fallot repair. <i>Journal of Cardiac Surgery</i> , 2021, 36, 2836-2849.	0.3	0
50	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
51	Can Color Doppler Ultrasound Challenge the Paradigm in Percutaneous Nephrolithotomy?. <i>Journal of Endourology</i> , 2021, , .	1.1	0
52	Slit Orifice Aortic Cusp Extension Technique for Small Bicuspid Valves. <i>Annals of Thoracic Surgery</i> , 2020, 110, e143-e145.	0.7	0
53	The Role of Nrf2 in the Cardiovascular System and Atherosclerosis. <i>Agents and Actions Supplements</i> , 2020, , 97-127.	0.2	0
54	The Intricate Web of Fatigue in Women. <i>Women</i> , 2021, 1, 267-279.	0.5	0

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55	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
56	Reply to Liu and Bu. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, , .	0.6	0
57	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
58	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
59	Congenital Tricuspid Valve Calcification Necessitating Neonatal Surgical Intervention. <i>Annals of Thoracic Surgery</i> , 2021, , .	0.7	0