

# Sheila Riazi

## List of Publications by Year in descending order

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Version: 2024-02-01

63  
papers

1,859  
citations

279798

23  
h-index

276875

41  
g-index

69  
all docs

69  
docs citations

69  
times ranked

2143  
citing authors

#	ARTICLE	IF	CITATIONS
1	A country level analysis measuring the impact of government actions, country preparedness and socioeconomic factors on COVID-19 mortality and related health outcomes. <i>EClinicalMedicine</i> , 2020, 25, 100464.	7.1	310
2	Connection between Elastin Haploinsufficiency and Increased Cell Proliferation in Patients with Supravalvular Aortic Stenosis and Williams-Beuren Syndrome. <i>American Journal of Human Genetics</i> , 2002, 71, 30-44.	6.2	166
3	Malignant Hyperthermia in Canada. <i>Anesthesia and Analgesia</i> , 2014, 118, 381-387.	2.2	120
4	Malignant Hyperthermia in the Post-Genomics Era. <i>Anesthesiology</i> , 2018, 128, 168-180.	2.5	120
5	Can Ultrasound of the Tibial Nerve Detect Diabetic Peripheral Neuropathy?. <i>Diabetes Care</i> , 2012, 35, 2575-2579.	8.6	92
6	Malignant Hyperthermia Susceptibility and Related Diseases. <i>Anesthesiology</i> , 2018, 128, 159-167.	2.5	91
7	Determinants of complications with recombinant factor VIIa for refractory blood loss in cardiac surgery. <i>Canadian Journal of Anaesthesia</i> , 2006, 53, 802-809.	1.6	54
8	Updated guide for the management of malignant hyperthermia. <i>Canadian Journal of Anaesthesia</i> , 2018, 65, 709-721.	1.6	54
9	A report of fulminant malignant hyperthermia in a patient with a novel mutation of the CACNA1S gene. <i>Canadian Journal of Anaesthesia</i> , 2010, 57, 689-693.	1.6	48
10	Variant curation expert panel recommendations for RYR1 pathogenicity classifications in malignant hyperthermia susceptibility. <i>Genetics in Medicine</i> , 2021, 23, 1288-1295.	2.4	46
11	Ryanodine receptor type 1 gene mutations found in the Canadian malignant hyperthermia population. <i>Canadian Journal of Anaesthesia</i> , 2011, 58, 504-513.	1.6	44
12	Succinylcholine Use and Dantrolene Availability for Malignant Hyperthermia Treatment. <i>Anesthesiology</i> , 2019, 130, 41-54.	2.5	32
13	Intracellular calcium leak as a therapeutic target for RYR1-related myopathies. <i>Acta Neuropathologica</i> , 2020, 139, 1089-1104.	7.7	32
14	The couplonopathies: A comparative approach to a class of diseases of skeletal and cardiac muscle. <i>Journal of General Physiology</i> , 2015, 145, 459-474.	1.9	31
15	Malignant hyperthermia susceptibility in patients with exertional rhabdomyolysis: a retrospective cohort study and updated systematic review. <i>Canadian Journal of Anaesthesia</i> , 2017, 64, 736-743.	1.6	31
16	An Assessment of Penetrance and Clinical Expression of Malignant Hyperthermia in Individuals Carrying Diagnostic Ryanodine Receptor 1 Gene Mutations. <i>Anesthesiology</i> , 2019, 131, 983-991.	2.5	31
17	<i>CASQ1</i> Gene Is an Unlikely Candidate for Malignant Hyperthermia Susceptibility in the North American Population. <i>Anesthesiology</i> , 2013, 118, 344-349.	2.5	29
18	Malignant Hyperthermia Testing in Proband without Adverse Anesthetic Reaction. <i>Anesthesiology</i> , 2015, 123, 548-556.	2.5	29

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19	A Perioperative Smoking Cessation Intervention With Varenicline, Counseling, and Fax Referral to a Telephone Quitline Versus a Brief Intervention: A Randomized Controlled Trial. <i>Anesthesia and Analgesia</i> , 2017, 125, 571-579.	2.2	27
20	Effects of comprehensive geriatric care models on postoperative outcomes in geriatric surgical patients: a systematic review and meta-analysis. <i>BMC Anesthesiology</i> , 2021, 21, 127.	1.8	25
21	Novel excitation-contraction uncoupled RYR1 mutations in patients with central core disease. <i>Neuromuscular Disorders</i> , 2013, 23, 120-132.	0.6	24
22	Neuromuscular conditions associated with malignant hyperthermia in paediatric patients: A 25-year retrospective study. <i>Neuromuscular Disorders</i> , 2016, 26, 201-206.	0.6	24
23	Accuracy of Malignant Hyperthermia Diagnoses in Hospital Discharge Records. <i>Anesthesiology</i> , 2015, 122, 55-63.	2.5	21
24	A novel KCNA1 mutation in a family with episodic ataxia and malignant hyperthermia. <i>Neurogenetics</i> , 2016, 17, 245-249.	1.4	21
25	Prevalence of preoperative cognitive impairment in older surgical patients.: A systematic review and meta-analysis. <i>Journal of Clinical Anesthesia</i> , 2022, 76, 110574.	1.6	21
26	Exome analysis identifies <i>RYR1</i> mutation in a family diagnosed with malignant hyperthermia susceptibility. <i>Molecular Genetics &amp; Genomic Medicine</i> , 2014, 2, 472-483.	1.2	20
27	Intracellular calcium leak lowers glucose storage in human muscle, promoting hyperglycemia and diabetes. <i>ELife</i> , 2020, 9, .	6.0	20
28	Round Table on Malignant Hyperthermia in Physically Active Populations: Meeting Proceedings. <i>Journal of Athletic Training</i> , 2017, 52, 377-383.	1.8	16
29	Fatal awake malignant hyperthermia episodes in a family with malignant hyperthermia susceptibility: a case series. <i>Canadian Journal of Anaesthesia</i> , 2019, 66, 540-545.	1.6	16
30	Adaptive thermogenesis enhances the life-threatening response to heat in mice with an <i>Ryr1</i> mutation. <i>Nature Communications</i> , 2020, 11, 5099.	12.8	16
31	Screening for subjective cognitive decline in the elderly via subjective cognitive complaints and informant-reported questionnaires: a systematic review. <i>BMC Anesthesiology</i> , 2021, 21, 277.	1.8	12
32	Referral Indications for Malignant Hyperthermia Susceptibility Diagnostics in Patients without Adverse Anesthetic Events in the Era of Next-generation Sequencing. <i>Anesthesiology</i> , 2022, 136, 940-953.	2.5	12
33	Pre-operative exercise and pyrexia as modifying factors in malignant hyperthermia (MH). <i>Neuromuscular Disorders</i> , 2022, 32, 628-634.	0.6	12
34	Skeletal Muscle Metabolic Dysfunction in Patients With Malignant Hyperthermia Susceptibility. <i>Anesthesia and Analgesia</i> , 2017, 125, 434-441.	2.2	11
35	Anaesthesia and neuromuscular disorders: what a neurologist needs to know. <i>Practical Neurology</i> , 2020, , practneurol-2020-002633.	1.1	11
36	RYR1-Related Rhabdomyolysis: A Spectrum of Hypermetabolic States Due to Ryanodine Receptor Dysfunction. <i>Current Pharmaceutical Design</i> , 2022, 28, 2-14.	1.9	11

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37	Cardioprotective effects of dantrolene in doxorubicin-induced cardiomyopathy in mice. <i>Heart Rhythm</i> O2, 2021, 2, 733-741.	1.7	11
38	Association between known or strongly suspected malignant hyperthermia susceptibility and postoperative outcomes: an observational population-based study. <i>Canadian Journal of Anaesthesia</i> , 2019, 66, 161-181.	1.6	10
39	Ultrasound Provides a Reliable Test of Local Anesthetic Spread. <i>Regional Anesthesia and Pain Medicine</i> , 2010, 35, 361-363.	2.3	9
40	Analysis of histomorphology in malignant hyperthermia-susceptible patients. <i>Canadian Journal of Anaesthesia</i> , 2013, 60, 982-989.	1.6	9
41	An Expedited Care Pathway with Ambulatory Brachial Plexus Analgesia Is a Cost-effective Alternative to Standard Inpatient Care after Complex Arthroscopic Elbow Surgery. <i>Anesthesiology</i> , 2015, 123, 1256-1266.	2.5	9
42	Untargeted metabolomics profiling of skeletal muscle samples from malignant hyperthermia susceptible patients. <i>Canadian Journal of Anaesthesia</i> , 2021, 68, 761-772.	1.6	9
43	The neuromuscular and multisystem features of RYR1-related malignant hyperthermia and rhabdomyolysis. <i>Medicine (United States)</i> , 2021, 100, e26999.	1.0	8
44	Variants in ASPH cause exertional heat illness and are associated with malignant hyperthermia susceptibility. <i>Nature Communications</i> , 2022, 13, .	12.8	7
45	A multi-dimensional analysis of genotypeâ€œphenotype discordance in malignant hyperthermia susceptibility. <i>British Journal of Anaesthesia</i> , 2020, 125, 995-1001.	3.4	5
46	The case for routine screening for SARS-CoV-2 before surgery. <i>Canadian Journal of Anaesthesia</i> , 2020, 67, 1315-1320.	1.6	5
47	Case report: Management of life-threatening oropharyngeal bleeding with recombinant factor VIIa. <i>Canadian Journal of Anaesthesia</i> , 2006, 53, 881-884.	1.6	4
48	Confirmation of epidural catheter placement in a quadriplegic patient using a nerve stimulator. <i>Canadian Journal of Anaesthesia</i> , 2010, 57, 276-277.	1.6	4
49	Safety of Chronic Cardiac Ryanodine Receptor Modulation: A 10-Year Experience. <i>JACC: Clinical Electrophysiology</i> , 2018, 4, 1480-1481.	3.2	4
50	Development of a repeated-measures predictive model and clinical risk score for mortality in ventilated COVID-19 patients. <i>Canadian Journal of Anaesthesia</i> , 2022, 69, 343-352.	1.6	4
51	Mapping the current evidence on the anesthetic management of adult patients with neuromuscular disordersâ€œa scoping review. <i>Canadian Journal of Anaesthesia</i> , 2022, , 1.	1.6	3
52	Episodic RYR1-Related Crisis: Part of the Evolving Spectrum of RYR1-Related Myopathies and Malignant Hyperthermia-Like Illnesses. <i>A&amp;A Practice</i> , 2021, 15, e01377.	0.4	2
53	Comment on â€œOverlapping Mechanisms of Exertional Heat Stroke and Malignant Hyperthermia: Evidence vs. Conjectureâ€œ. <i>Sports Medicine</i> , 2021, , 1.	6.5	2
54	Fragmentation and roles of junctophilin1 in muscle of patients with cytosolic leak of stored calcium. <i>Journal of General Physiology</i> , 2022, 154, .	1.9	2

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55	Incidence of Subclinical Neuropathy after Intra-neural Injection. <i>Anesthesiology</i> , 2012, 116, 1152-1153.	2.5	1
56	From the Journal archives: Hereditary aspects of malignant hyperthermia. <i>Canadian Journal of Anaesthesia</i> , 2014, 61, 1122-1125.	1.6	1
57	Perioperative genetic screening: entering a new era. <i>British Journal of Anaesthesia</i> , 2020, 125, 859-862.	3.4	1
58	Effects of azumolene on arrhythmia substrate in a model of recurrent long-duration ventricular fibrillation. <i>Biochemical and Biophysical Research Communications</i> , 2022, 600, 123-129.	2.1	1
59	Malignant hyperthermia testing in probands with NO adverse anesthetic reaction. <i>BMC Anesthesiology</i> , 2014, 14, .	1.8	0
60	In Reply. <i>Anesthesiology</i> , 2015, 123, 732-733.	2.5	0
61	Cellular Pathophysiology of "MHH", A Large Group of Patients with Equivocal Diagnosis of Malignant Hyperthermia. <i>Biophysical Journal</i> , 2016, 110, 98a.	0.5	0
62	Ultrasound-Guided Nerve Blocks of the Upper Extremity. , 2011, , 227-237.		0
63	The prevalence of unrecognized cognitive impairment in geriatric surgical patients: A systematic review and meta-analysis. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.8	0