

Shawn G Rhind

List of Publications by Year in descending order

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Version: 2024-02-01

99
papers

2,948
citations

172457

29
h-index

182427

51
g-index

109
all docs

109
docs citations

109
times ranked

3782
citing authors

#	ARTICLE	IF	CITATIONS
1	Repeated Occupational Exposure to Low-level Blast in the Canadian Armed Forces: Effects on Hearing, Balance, and Ataxia. <i>Military Medicine</i> , 2022, 187, e201-e208.	0.8	10
2	Imaging of astrocytes in posttraumatic stress disorder: A PET study with the monoamine oxidase B radioligand [11C]SL25.1188. <i>European Neuropsychopharmacology</i> , 2022, 54, 54-61.	0.7	16
3	Peripheral Skeletal Muscle Impairment in Children After Treatment for Leukemia and Lymphoma. <i>Journal of Pediatric Hematology/Oncology</i> , 2022, Publish Ahead of Print, .	0.6	0
4	A Distinct Metabolite Signature in Military Personnel Exposed to Repetitive Low-Level Blasts. <i>Frontiers in Neurology</i> , 2022, 13, 831792.	2.4	5
5	P648. Fatty Acid Amide Hydrolase and Threat Related Amygdala Activity in Individuals With PTSD. <i>Biological Psychiatry</i> , 2022, 91, S352.	1.3	0
6	Freeze-dried plasma: From damage control resuscitation to coronavirus disease 2019 therapy. <i>Transfusion</i> , 2022, 62, 1408-1416.	1.6	2
7	Convalescent Plasma for the Prevention and Treatment of COVID-19: A Systematic Review and Quantitative Analysis. <i>JMIR Public Health and Surveillance</i> , 2021, 7, e25500.	2.6	19
8	Examining the associations among moral injury, difficulties with emotion regulation, and symptoms of PTSD, depression, anxiety, and stress among Canadian military members and Veterans: A preliminary study. <i>Journal of Military, Veteran and Family Health</i> , 2021, 7, 71-80.	0.6	9
9	Teasing apart trauma: neural oscillations differentiate individual cases of mild traumatic brain injury from post-traumatic stress disorder even when symptoms overlap. <i>Translational Psychiatry</i> , 2021, 11, 345.	4.8	8
10	Evaluation of trauma-induced coagulopathy in the fibrinogen in the initial resuscitation of severe trauma trial. <i>Transfusion</i> , 2021, 61, S49-S57.	1.6	2
11	Ex vivo hemostatic and immunoinflammatory profiles of freeze-dried plasma. <i>Transfusion</i> , 2021, 61, S119-S130.	1.6	5
12	The Psychoneuroimmunology of Stress Regulation in Pediatric Cancer Patients. <i>Cancers</i> , 2021, 13, 4684.	3.7	4
13	Cerebral blood flow is associated with matrix metalloproteinase levels during the early symptomatic phase of concussion. <i>PLoS ONE</i> , 2021, 16, e0253134.	2.5	4
14	Endocannabinoid Metabolism in Posttraumatic Stress Disorder: Results From a Neuroimaging Study With the Novel Fatty Acid Amide Hydrolase Probe, [C-11] Curb. <i>Biological Psychiatry</i> , 2020, 87, S282-S283.	1.3	1
15	Blast in Context: The Neuropsychological and Neurocognitive Effects of Long-Term Occupational Exposure to Repeated Low-Level Explosives on Canadian Armed Forces' Breaching Instructors and Range Staff. <i>Frontiers in Neurology</i> , 2020, 11, 588531.	2.4	10
16	Massage Therapy Modulates Inflammatory Mediators Following Sprint Exercise in Healthy Male Athletes. <i>Journal of Functional Morphology and Kinesiology</i> , 2020, 5, 9.	2.4	7
17	Biomarkers for military mental health: Insights, challenges, and future prospects. <i>Journal of Military, Veteran and Family Health</i> , 2020, 6, 51-67.	0.6	3
18	The relationship between symptom burden and systemic inflammation differs between male and female athletes following concussion. <i>BMC Immunology</i> , 2020, 21, 11.	2.2	29

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19	An investigation of plasma interleukin-6 in sport-related concussion. PLoS ONE, 2020, 15, e0232053.	2.5	15
20	Virtual Reality-Based Treatment for Military Members and Veterans With Combat-Related Posttraumatic Stress Disorder: Protocol for a Multimodular Motion-Assisted Memory Desensitization and Reconsolidation Randomized Controlled Trial. JMIR Research Protocols, 2020, 9, e20620.	1.0	20
21	Moral injury in Canadian military members and Veterans: Implications for military and healthcare sector response during the COVID-19 pandemic. Journal of Military, Veteran and Family Health, 2020, COVID-19, Author's origin.	0.6	2
22	Pharmacogenomics: A primer for the military mental health provider. Journal of Military, Veteran and Family Health, 2020, 6, 44-50.	0.6	2
23	An investigation of plasma interleukin-6 in sport-related concussion. , 2020, 15, e0232053.		0
24	An investigation of plasma interleukin-6 in sport-related concussion. , 2020, 15, e0232053.		0
25	An investigation of plasma interleukin-6 in sport-related concussion. , 2020, 15, e0232053.		0
26	An investigation of plasma interleukin-6 in sport-related concussion. , 2020, 15, e0232053.		0
27	An Open-Label Feasibility Trial Examining the Effectiveness of a Cognitive Training Program, Goal Management Training, in Individuals With Posttraumatic Stress Disorder. Chronic Stress, 2019, 3, 247054701984159.	3.4	8
28	The effects of exercise and ambient temperature on dietary intake, appetite sensation, and appetite regulating hormone concentrations. Nutrition and Metabolism, 2019, 16, 29.	3.0	20
29	A comparative study of viscoelastic hemostatic assays and conventional coagulation tests in trauma patients receiving fibrinogen concentrate. Clinica Chimica Acta, 2019, 495, 253-262.	1.1	22
30	Evidence of a distinct peripheral inflammatory profile in sport-related concussion. Journal of Neuroinflammation, 2019, 16, 17.	7.2	38
31	The relation between adverse childhood experiences and moral injury in the Canadian Armed Forces. HÅrgre Utbildning, 2019, 10, 1546084.	3.0	22
32	F37. Is There Astrocyte Pathology in PTSD? Preliminary Findings of a PET Study With the Monoamine Oxidase B Radioligand [11C]SL25.1188. Biological Psychiatry, 2019, 85, S226-S227.	1.3	0
33	Blunted Nocturnal Salivary Melatonin Secretion Profiles in Military-Related Posttraumatic Stress Disorder. Frontiers in Psychiatry, 2019, 10, 882.	2.6	15
34	Peripheral blood neuroendocrine hormones are associated with clinical indices of sport-related concussion. Scientific Reports, 2019, 9, 18605.	3.3	20
35	The relation between adverse childhood experiences and moral injury in the Canadian Armed Forces. Journal of Military, Veteran and Family Health, 2019, 5, 4-5.	0.6	0
36	An investigation of neuroinjury biomarkers after sport-related concussion: from the subacute phase to clinical recovery. Brain Injury, 2018, 32, 575-582.	1.2	22

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37	Blood biomarkers are associated with brain function and blood flow following sport concussion. <i>Journal of Neuroimmunology</i> , 2018, 319, 1-8.	2.3	31
38	Fibrinogen Concentrate in the Special Operations Forces Environment. <i>Military Medicine</i> , 2018, 183, e45-e50.	0.8	11
39	Biological Response to Stress During Battlefield Trauma Training: Live Tissue Versus High-Fidelity Patient Simulator. <i>Military Medicine</i> , 2018, 183, e349-e356.	0.8	9
40	High-Intensity Interval Training Is Associated With Alterations in Blood Biomarkers Related to Brain Injury. <i>Frontiers in Physiology</i> , 2018, 9, 1367.	2.8	29
41	51. Investigating Endocannabinoid Mechanisms in Posttraumatic Stress Disorder: Neuroimaging Studies With the Novel Fatty Acid Amide Hydrolase Probe, [11C]CURB. <i>Biological Psychiatry</i> , 2018, 83, S21.	1.3	3
42	A Comparative Analysis of Functional Fibrinogen Assays using TEG and ROTEM in Trauma Patients Enrolled in the FiiRST Trial. <i>Panamerican Journal of Trauma Critical Care & Emergency Surgery</i> , 2018, 7, 143-157.	0.1	9
43	Trauma Association of Canada Abstracts 2018. <i>Canadian Journal of Surgery</i> , 2018, 61, S1-S35.	1.2	0
44	Catecholamines as outcome markers in isolated traumatic brain injury: the COMA-TBI study. <i>Critical Care</i> , 2017, 21, 37.	5.8	75
45	974. Dysregulation of Hypothalamic-Pituitary-Adrenal Axis and Sympathoadrenergic System is Associated with Posttraumatic Stress Disorder in Combat Veterans. <i>Biological Psychiatry</i> , 2017, 81, S394.	1.3	3
46	Biomarkers of Glycocalyx Injury are Associated with Delayed Cerebral Ischemia Following Aneurysmal Subarachnoid Hemorrhage: A Case Series Supporting a New Hypothesis. <i>Neurocritical Care</i> , 2017, 26, 339-347.	2.4	25
47	Human hair follicle transcriptome profiling: a minimally invasive tool to assess molecular adaptations upon low-volume, high-intensity interval training. <i>Physiological Reports</i> , 2017, 5, e13534.	1.7	9
48	Systematic Review of Human and Animal Studies Examining the Efficacy and Safety of N-Acetylcysteine (NAC) and N-Acetylcysteine Amide (NACA) in Traumatic Brain Injury: Impact on Neurofunctional Outcome and Biomarkers of Oxidative Stress and Inflammation. <i>Frontiers in Neurology</i> , 2017, 8, 744.	2.4	57
49	Sympathoadrenal Activation is Associated with Acute Traumatic Coagulopathy and Endotheliopathy in Isolated Brain Injury. <i>Shock</i> , 2016, 46, 96-103.	2.1	78
50	Disturbed EEG sleep, paranoid cognition and somatic symptoms identify veterans with post-traumatic stress disorder. <i>BJPsych Open</i> , 2016, 2, 359-365.	0.7	13
51	Inflammatory cytokine and chemokine profiles are associated with patient outcome and the hyperadrenergic state following acute brain injury. <i>Journal of Neuroinflammation</i> , 2016, 13, 40.	7.2	126
52	Performance Evaluation of a Salivary Amylase Biosensor for Stress Assessment in Military Field Research. <i>Journal of Clinical Laboratory Analysis</i> , 2016, 30, 223-230.	2.1	10
53	Effects of Hyperbaric and Decompression Stress on Blood Coagulation and Fibrinolysis. <i>Clinical and Applied Thrombosis/Hemostasis</i> , 2016, 22, 327-339.	1.7	3
54	Altered Blood Biomarker Profiles in Athletes with a History of Repetitive Head Impacts. <i>PLoS ONE</i> , 2016, 11, e0159929.	2.5	44

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55	Prehospital Resuscitation of Traumatic Hemorrhagic Shock with Hypertonic Solutions Worsens Hypocoagulation and Hyperfibrinolysis. <i>Shock</i> , 2015, 44, 25-31.	2.1	39
56	Effects of High-Intensity Interval Exercise and Training on Hemostasis in Healthy Males. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 299-300.	0.4	2
57	Multivariate Analysis of Traumatic Brain Injury: Development of an Assessment Score. <i>Frontiers in Neurology</i> , 2015, 6, 68.	2.4	38
58	Blood Biomarkers in Moderate-To-Severe Traumatic Brain Injury: Potential Utility of a Multi-Marker Approach in Characterizing Outcome. <i>Frontiers in Neurology</i> , 2015, 6, 110.	2.4	83
59	Thromboelastographic Study of Psychophysiological Stress. <i>Clinical and Applied Thrombosis/Hemostasis</i> , 2015, 21, 497-512.	1.7	7
60	Association of trauma exposure with proinflammatory activity: a transdiagnostic meta-analysis. <i>Translational Psychiatry</i> , 2014, 4, e413-e413.	4.8	155
61	The effect of various cold-water immersion protocols on exercise-induced inflammatory response and functional recovery from high-intensity sprint exercise. <i>European Journal of Applied Physiology</i> , 2014, 114, 2353-2367.	2.5	45
62	240. <i>Cytokine</i> , 2013, 63, 299-300.	3.2	0
63	Prehospital Hypertonic Saline Resuscitation Attenuates the Activation and Promotes Apoptosis of Neutrophils in Patients With Severe Traumatic Brain Injury. <i>Shock</i> , 2013, 40, 366-374.	2.1	43
64	Application of Blood-Based Biomarkers in Human Mild Traumatic Brain Injury. <i>Frontiers in Neurology</i> , 2013, 4, 44.	2.4	44
65	Resuscitation of Traumatic Hemorrhagic Shock Patients With Hypertonic Saline Without Dextran Inhibits Neutrophil and Endothelial Cell Activation. <i>Shock</i> , 2012, 38, 341-350.	2.1	62
66	Peripheral markers of central fatigue in trained and untrained during uncompensable heat stress. <i>European Journal of Applied Physiology</i> , 2012, 112, 1047-1057.	2.5	21
67	The Value of Serum Biomarkers in Prediction Models of Outcome After Mild Traumatic Brain Injury. <i>Journal of Trauma</i> , 2011, 71, S478-S486.	2.3	90
68	Circulating Free-Tryptophan To Tyrosine As A Marker Of Central Fatigue During Heat Stress. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 682.	0.4	0
69	The Toronto prehospital hypertonic resuscitation head injury and multiorgan dysfunction trial: Feasibility study of a randomized controlled trial. <i>Journal of Critical Care</i> , 2011, 26, 363-372.	2.2	26
70	Increased Neutrophil Adenosine A3 Receptor Expression Is Associated With Hemorrhagic Shock and Injury Severity in Trauma Patients. <i>Shock</i> , 2011, 36, 435-439.	2.1	16
71	Changes In Circulating Immuno-inflammatory Mediators Following Repeated Exertional Heat Stress Exposures In Untrained Males. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 364-365.	0.4	0
72	Prehospital resuscitation with hypertonic saline-dextran modulates inflammatory, coagulation and endothelial activation marker profiles in severe traumatic brain injured patients. <i>Journal of Neuroinflammation</i> , 2010, 7, 5.	7.2	95

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73	Hyperbaric stress in divers and non-divers: neuroendocrine and psychomotor responses. Undersea and Hyperbaric Medicine, 2010, 37, 219-31.	0.3	4
74	Resuscitation with Hypertonic Saline+Dextran Reduces Serum Biomarker Levels and Correlates with Outcome in Severe Traumatic Brain Injury Patients. Journal of Neurotrauma, 2009, 26, 1227-1240.	3.4	71
75	The Toronto prehospital hypertonic resuscitation-head injury and multi organ dysfunction trial (TOPHR HIT) - Methods and data collection tools. Trials, 2009, 10, 105.	1.6	13
76	Expression of intracellular cytokines, HSP72, and apoptosis in monocyte subsets during exertional heat stress in trained and untrained individuals. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2009, 296, R575-R586.	1.8	47
77	Abnormal Coagulation Tests Are Associated With Progression of Traumatic Intracranial Hemorrhage. Journal of Trauma, 2009, 67, 959-967.	2.3	128
78	Effects of hypertonic saline on the development of acute lung injury following traumatic shock. Journal of Organ Dysfunction, 2008, 4, 99-105.	0.3	3
79	Mild endotoxemia, NF- κ B translocation, and cytokine increase during exertional heat stress in trained and untrained individuals. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2008, 295, R611-R623.	1.8	121
80	Acute Neuroendocrine Response to Hyperbaric Stress in Experienced Male Divers Versus Non-Divers. Medicine and Science in Sports and Exercise, 2008, 40, S169.	0.4	0
81	Nuclear Factor (NF)- κ B Activation in Human Peripheral Blood Mononuclear Cells Of Trained Versus Untrained Individuals During Exertional Heat Stress. Medicine and Science in Sports and Exercise, 2007, 39, S61.	0.4	0
82	The Immunomodulatory Effects of Hypertonic Saline Resuscitation in Patients Sustaining Traumatic Hemorrhagic Shock. Annals of Surgery, 2006, 243, 47-57.	4.2	186
83	Cytoprotection Against Apoptosis Following An Acute Bout Of Exertional Heat Stress. Medicine and Science in Sports and Exercise, 2006, 38, S308.	0.4	0
84	Intracellular HSP72 Expression in Monocyte Subsets Between Trained and Untrained Individuals During Exertional Heat Stress. Medicine and Science in Sports and Exercise, 2006, 38, S308.	0.4	0
85	Cytokine induction during exertional hyperthermia is abolished by core temperature clamping: neuroendocrine regulatory mechanisms. International Journal of Hyperthermia, 2004, 20, 503-516.	2.5	88
86	Cold exposure: human immune responses and intracellular cytokine expression. Medicine and Science in Sports and Exercise, 2002, 34, 2013-2020.	0.4	67
87	Naive and Memory T Cell Subsets are Differentially Mobilized During Physical Stress. International Journal of Sports Medicine, 2002, 23, 223-229.	1.7	19
88	INDOMETHACIN MODULATES CIRCULATING CYTOKINE RESPONSES TO STRENUOUS EXERCISE IN HUMANS. Cytokine, 2002, 19, 153-158.	3.2	23
89	Intracellular monocyte and serum cytokine expression is modulated by exhausting exercise and cold exposure. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2001, 281, R66-R75.	1.8	89
90	Thermoregulation during cold exposure after several days of exhaustive exercise. Journal of Applied Physiology, 2001, 90, 939-946.	2.5	39

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91	Differential cell adhesion molecule expression and lymphocyte mobilisation during prolonged aerobic exercise. <i>European Journal of Applied Physiology</i> , 2001, 84, 272-282.	2.5	28
92	Epinephrine causes a reduction in lymph node cell output in sheep. <i>Canadian Journal of Physiology and Pharmacology</i> , 2001, 79, 246-252.	1.4	4
93	Indomethacin inhibits circulating PGE2 and reverses postexercise suppression of natural killer cell activity. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1999, 276, R1496-R1505.	1.8	10
94	Contribution of exertional hyperthermia to sympathoadrenal-mediated lymphocyte subset redistribution. <i>Journal of Applied Physiology</i> , 1999, 87, 1178-1185.	2.5	60
95	Circulating Levels of Peripheral Blood Leucocytes and Cytokines Following Competitive Cycling. <i>Applied Physiology, Nutrition, and Metabolism</i> , 1997, 22, 133-147.	1.7	70
96	Effect of Melarsoprol Treatment on Circulating IL-10 and TNF- α Levels in Human African Trypanosomiasis. <i>Clinical Immunology and Immunopathology</i> , 1997, 83, 185-189.	2.0	29
97	Endurance exercise with and without a thermal clamp: effects on leukocytes and leukocyte subsets. <i>Journal of Applied Physiology</i> , 1996, 81, 822-829.	2.5	70
98	Effects of moderate endurance exercise and training on in vitro lymphocyte proliferation, interleukin-2 (IL-2) production, and IL-2 receptor expression. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1996, 74, 348-360.	1.2	54
99	Exercise and the Immune System. <i>Sports Medicine</i> , 1994, 18, 340-369.	6.5	67