

Ricardo Bull

List of Publications by Year in descending order

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46
papers

1,282
citations

331259

21
h-index

344852

36
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47
all docs

47
docs citations

47
times ranked

1113
citing authors

#	ARTICLE	IF	CITATIONS
1	Sulfhydryl Oxidation Modifies the Calcium Dependence of Ryanodine-Sensitive Calcium Channels of Excitable Cells. <i>Biophysical Journal</i> , 1998, 74, 1263-1277.	0.2	197
2	Modulation of cardiac ryanodine receptor activity by ROS and RNS. <i>Frontiers in Bioscience - Landmark</i> , 2011, 16, 553.	3.0	101
3	Activation of calcium channels in sarcoplasmic reticulum from frog muscle by nanomolar concentrations of ryanodine. <i>Biophysical Journal</i> , 1989, 56, 749-756.	0.2	84
4	Ischemia Enhances Activation by Ca ²⁺ and Redox Modification of Ryanodine Receptor Channels from Rat Brain Cortex. <i>Journal of Neuroscience</i> , 2008, 28, 9463-9472.	1.7	82
5	Inositol (1,4,5)-trisphosphate activates a calcium channel in isolated sarcoplasmic reticulum membranes. <i>Biophysical Journal</i> , 1988, 54, 737-741.	0.2	71
6	Sarcoplasmic reticulum release channels from frog skeletal muscle display two types of calcium dependence. <i>FEBS Letters</i> , 1993, 331, 223-227.	1.3	57
7	Redox regulation of RyR-mediated Ca ²⁺ release in muscle and neurons. <i>Biological Research</i> , 2004, 37, 539-52.	1.5	56
8	Influence of variation in anteroposterior occlusal contacts on electromyographic activity. <i>Journal of Prosthetic Dentistry</i> , 1989, 61, 617-623.	1.1	54
9	Patterns of electromyographic activity in subjects with different skeletal facial types. <i>Angle Orthodontist</i> , 1991, 61, 277-84.	1.1	50
10	SH oxidation coordinates subunits of rat brain ryanodine receptor channels activated by calcium and ATP. <i>American Journal of Physiology - Cell Physiology</i> , 2003, 285, C119-C128.	2.1	48
11	N-Acetylcysteine Prevents the Spatial Memory Deficits and the Redox-Dependent RyR2 Decrease Displayed by an Alzheimer's Disease Rat Model. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 399.	1.7	42
12	Cyclic ADP-ribose activates caffeine-sensitive calcium channels from sea urchin egg microsomes. <i>American Journal of Physiology - Cell Physiology</i> , 1998, 274, C430-C439.	2.1	41
13	Effects of ATP, Mg ²⁺ , and redox agents on the Ca ²⁺ dependence of RyR channels from rat brain cortex. <i>American Journal of Physiology - Cell Physiology</i> , 2007, 293, C162-C171.	2.1	38
14	Influence of the activator on electromyographic activity of mandibular elevator muscles. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 1988, 94, 97-103.	0.8	36
15	Age-Dependent Increases in Apoptosis/Necrosis Ratios in Human Lymphocytes Exposed to Oxidative Stress. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2011, 66A, 732-740.	1.7	27
16	High-Fat-Diet-Induced Obesity Produces Spontaneous Ventricular Arrhythmias and Increases the Activity of Ryanodine Receptors in Mice. <i>International Journal of Molecular Sciences</i> , 2018, 19, 533.	1.8	27
17	Comparative electromyographic study of elevator muscles in patients with complete dentures and natural dentition. <i>Journal of Oral Rehabilitation</i> , 1989, 16, 249-255.	1.3	26
18	Influence of balanced occlusion and canine guidance on electromyographic activity of elevator muscles in complete denture wearers. <i>Journal of Prosthetic Dentistry</i> , 1989, 61, 494-498.	1.1	25

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19	Stimulation of NOX2 in isolated hearts reversibly sensitizes RyR2 channels to activation by cytoplasmic calcium. <i>Journal of Molecular and Cellular Cardiology</i> , 2014, 68, 38-46.	0.9	23
20	Activation of inositol trisphosphate-sensitive Ca ²⁺ channels of sarcoplasmic reticulum from frog skeletal muscle. <i>Journal of Physiology</i> , 1991, 441, 575-591.	1.3	22
21	Calcium dependence of ryanodine-sensitive calcium channels from brain cortex endoplasmic reticulum. <i>FEBS Letters</i> , 1996, 383, 59-62.	1.3	21
22	Superior Orbicularis Oris Muscle Activity in Children with and without Cleft Lip and Palate. <i>Cleft Palate-Craniofacial Journal</i> , 1992, 29, 32-37.	0.5	20
23	Effects of anisomycin on brain protein synthesis and passive avoidance learning in newborn chicks. <i>Journal of Neurobiology</i> , 1976, 7, 37-49.	3.7	16
24	Influence of mucosal mechanoreceptors on elevator muscle activity in healthy subjects. <i>Journal of Prosthetic Dentistry</i> , 1991, 65, 431-435.	1.1	16
25	Calcium-dependent halothane activation of sarcoplasmic reticulum calcium channels from frog skeletal muscle. <i>American Journal of Physiology - Cell Physiology</i> , 1994, 266, C391-C396.	2.1	14
26	Comparison of muscle activity between subjects with or without lip competence: Electromyographic activity of lips, supra- and infrahyoid muscles. <i>Cranio - Journal of Craniomandibular Practice</i> , 2017, 35, 385-391.	0.6	14
27	Probing the pore size of the hemocyanin channel. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1982, 693, 173-176.	1.4	13
28	SH Oxidation Stimulates Calcium Release Channels (Ryanodine Receptors) From Excitable Cells. <i>Biological Research</i> , 2000, 33, 113-24.	1.5	13
29	Modification of ion transport in lipid bilayer membranes by the insecticides DDT and DDE. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1982, 688, 138-144.	1.4	8
30	Superior Orbicularis Oris Muscle Activity in Children with and without Cleft Lip and Palate. <i>Cleft Palate-Craniofacial Journal</i> , 1992, 29, 32-37.	0.5	7
31	Blocking of Periodontal Afferents with Anesthesia and Its Influence on Elevator EMG Activity. <i>Cranio - Journal of Craniomandibular Practice</i> , 1991, 9, 212-219.	0.6	6
32	Ca(2+)- and pH-dependent halothane stimulation of Ca ²⁺ release in sarcoplasmic reticulum from frog muscle. <i>American Journal of Physiology - Cell Physiology</i> , 1996, 271, C540-C546.	2.1	6
33	Effect of natural mediotrusive contact on electromyographic activity of jaw and cervical muscles during chewing. <i>Acta Odontologica Scandinavica</i> , 2015, 73, 626-632.	0.9	3
34	Natural mediotrusive contact: does it affect the masticatory and neck EMG activity during tooth grinding?. <i>Cranio - Journal of Craniomandibular Practice</i> , 2016, 34, 227-233.	0.6	3
35	Effects of breathing type on electromyographic activity of respiratory muscles at different body positions. <i>Cranio - Journal of Craniomandibular Practice</i> , 2017, 35, 110-115.	0.6	3
36	Calcium Channels in Sarcoplasmic Reticulum Membranes Isolated from Skeletal Muscle. , 1990, , 487-499.		3

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37	Effect of breathing type on electromyographic activity of respiratory muscles during tooth clenching at different decubitus positions. <i>Cranio - Journal of Craniomandibular Practice</i> , 2019, 37, 28-34.	0.6	2
38	Awake teeth grinding in participants with canine guidance or group function: Effect on diaphragm EMG activity, heart rate, and oxygen saturation. <i>Cranio - Journal of Craniomandibular Practice</i> , 2020, 38, 412-418.	0.6	2
39	Population density and wealth. <i>Nature</i> , 1994, 370, 92-92.	13.7	1
40	Redox-sensitive stimulation of type-1 ryanodine receptors by the scorpion toxin maurocalcine. <i>Cell Calcium</i> , 2013, 53, 357-365.	1.1	1
41	Effect of laterotrusive occlusal scheme on chewing duration, external intercostal muscular activity, heart rate, and oxygen saturation. <i>Cranio - Journal of Craniomandibular Practice</i> , 2022, 40, 401-408.	0.6	1
42	Natural mediotrusive contact: does it affect the masticatory and neck EMG activity during tooth grinding?. <i>Cranio - Journal of Craniomandibular Practice</i> , 0, , 1-7.	0.6	1
43	Respiratory EMG Activity between Subjects with Costo-diaphragmatic, Upper Costal or Mixed Breathing Type. , 2019, 08, .		1
44	Modulation of Ryanodine Receptor Channels from Rat Brain Cortex in Lipid Bilayers. , 2005, , 41-52.		0
45	Effect of Body Position on Respiratory Muscle Activity in Subjects with Upper Costal or Costo-diaphragmatic Breathing Type. , 2015, 05, .		0
46	Calcium Dependence of Calcium Release Channels (Ryanodine Receptors) from Skeletal and Cardiac Muscle. , 2005, , 31-39.		0