Raphael Gruener

List of Publications by Year
in descending order

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24	731	567281 15	610901 24
papers	citations	h-index	g-index

24	24	24	490
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Culture in Vector-Averaged Gravity Under Clinostat Rotation Results in Apoptosis of Osteoblastic ROS 17/2.8 Cells. Journal of Bone and Mineral Research, 2010, 15, 489-498.	2.8	82
2	Microarray analysis of spaceflown murine thymus tissue reveals changes in gene expression regulating stress and glucocorticoid receptors. Journal of Cellular Biochemistry, 2010, 110, 372-381.	2.6	43
3	Translational Regional Science, Input/Output Analysis and Community Engagement: New Perspectives for Closing the High Techâ€"Community Gap. Studies in Regional Science, 2010, 40, 1-17.	0.1	5
4	DNA translocation through Î±-hemolysin nanopores with potential application to macromolecular data storage. Journal of Applied Physics, 2005, 97, 104317.	2.5	15
5	Use of a microgravity organ culture dish system to demonstrate the signal dampening effects of modeled microgravity during T cell development. Developmental and Comparative Immunology, 2005, 29, 565-582.	2.3	12
6	Loss of T cell precursors after spaceflight and exposure to vectorâ€averaged gravity. FASEB Journal, 2003, 17, 1-17.	0.5	31
7	TNF-Î±-Dependent Activation of NF-ÎºB in Human Osteoblastic HOS-TE85 Cells Is Repressed in Vector-Averaged Gravity Using Clinostat Rotation. Biochemical and Biophysical Research Communications, 2000, 279, 258-264.	2.1	29
8	Oxotremorine-M activates single nicotinic acetylcholine receptor channels in cultured Xenopus myocytes. European Journal of Pharmacology, 1994, 264, 27-32.	3.5	7
9	Vector-Averaged Gravity Does Not Alter Acetylcholine Receptor Single Channel Properties.. Uchu Seibutsu Kagaku, 1994, 8, 71-78.	0.3	1
10	Reduced Receptor Aggragation and Altered Cytoskeleton in Cultured Myocytes After Space-Flight.. Uchu Seibutsu Kagaku, 1994, 8, 79-93.	0.3	33
11	Vasopressin promotes neurite growth in cultured embryonic neurons. Synapse, 1987, 1, 329-334.	1.2	42
12	Halothane-induced changes in acetylcholine receptor channel kinetics are attenuated by cholesterol. Biochimica Et Biophysica Acta - Biomembranes, 1986, 856, 640-645.	2.6	30
13	Effects of Halothane on the Acetylcholine Receptor Channel in Cultured Xenopus Myocytes. Biophysical Journal, 1984, 45, 15-16.	0.5	8
14	Distribution and density of Î±-bungarotoxin binding sites on innervated and noninnervated Xenopus muscle cells in culture. Developmental Biology, 1982, 91, 78-85.	2.0	28
15	Acetylcholine sensitivity of innervated and noninnervated Xenopus muscle cells in culture. Developmental Biology, 1982, 91, 86-92.	2.0	14
16	Changes in synaptic potential properties during acetylcholine receptor accumulation and neurospecific interactions in Xenopus nerve-muscle cell culture. Developmental Biology, 1980, 78, 464-483.	2.0	118
17	Electrophysiologic properties of intercostal muscle fibers in human neuromuscular diseases. Muscle and Nerve, 1979, 2, 165-172.	2.2	47
18	Correlation between acetylcholine receptor localization and spontaneous synaptic potentials in cultures of nerve and muscle. Brain Research, 1979, 166, 185-190.	2.2	44

#	Article	IF	Citations
19	Muscle insensitivity to tetrodotoxin: Induction by ?-bungarotoxin and removal by submechanical threshold stimulation. Journal of Neurobiology, 1976, 7, 513-519.	3.6	9
20	Hyperthyroid myopathy. Journal of the Neurological Sciences, 1975, 24, 339-349.	0.6	47
21	Caffeine-modulated acetylcholine sensitivity in denervated rat and diseased human muscle. Life Sciences, 1975, 17, 1557-1565.	4.3	6
22	Reduction of Denervation Supersensitivity of Muscle by Submechanical Threshold Stimulation. Nature, 1974, 248, 68-69.	27.8	23
23	Corticosteroids. Archives of Neurology, 1972, 26, 181.	4.5	38
24	The fine structure of cortisone-induced myopathy. Experimental Neurology, 1972, 36, 530-538.	4.1	19