Rolando Berlinguer-Palmini

List of Publications by Year
in descending order

30 papers	1,456 citations	430442 18 h-index	610482 24 g-index
35 all docs	35 docs citations	35 times ranked	2233 citing authors

#	Article	IF	Citations
1	Macrophage scavenger receptor 1 mediates lipid-induced inflammation in non-alcoholic fatty liver disease. Journal of Hepatology, 2022, 76, 1001-1012.	1.8	54
2	High-resolution imaging reveals compartmentalization of mitochondrial protein synthesis in cultured human cells. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	33
3	Visualizing Mitochondrial Ribosomal RNA and Mitochondrial Protein Synthesis in Human Cell Lines. Methods in Molecular Biology, 2021, 2192, 159-181.	0.4	6
4	Mitochondrial Translation Occurs Preferentially in the Peri-Nuclear Mitochondrial Network of Cultured Human Cells. Biology, 2021, 10, 1050.	1.3	1
5	Distinctive Features of Orbital Adipose Tissue (OAT) in Gravesâ€™ Orbitopathy. International Journal of Molecular Sciences, 2020, 21, 9145.	1.8	9
6	Resolution of R-loops by INO80 promotes DNA replication and maintains cancer cell proliferation and viability. Nature Communications, 2020, 11, 4534.	5.8	63
7	Differential mechanisms of tolerance induced by NMDA and 3,5â€dihydroxyphenylglycine (DHPG) preconditioning. Journal of Neurochemistry, 2020, 155, 638-649.	2.1	8
8	An essential role for the Zn2+ transporter ZIP7 in B cell development. Nature Immunology, 2019, 20, 350-361.	7.0	92
9	Lengthâ€independent telomere damage drives postâ€mitotic cardiomyocyte senescence. EMBO Journal, 2019, 38, .	3.5	307
10	Optoâ€electroâ€thermal optimization of photonic probes for optogenetic neural stimulation. Journal of Biophotonics, 2018, 11, e201700358.	1.1	29
11	PD-1 Inhibitory Receptor Downregulates Asparaginyl Endopeptidase and Maintains Foxp3 Transcription Factor Stability in Induced Regulatory T Cells. Immunity, 2018, 49, 247-263.e7.	6.6	104
12	Channel-mediated astrocytic glutamate modulates hippocampal synaptic plasticity by activating postsynaptic NMDA receptors. Molecular Brain, 2015, 8, 7.	1.3	64
13	Pharmacological NAD-Boosting Strategies Improve Mitochondrial Homeostasis in Human Complex Iâ€“Mutant Fibroblasts. Molecular Pharmacology, 2015, 87, 965-971.	1.0	26
14	Nonexocytotic serotonin release tonically suppresses serotonergic neuron activity. Journal of General Physiology, 2015, 145, 225-251.	0.9	23
15	Optogenetic approaches to retinal prosthesis. Visual Neuroscience, 2014, 31, 345-354.	0.5	71
16	Arrays of MicroLEDs and Astrocytes: Biological Amplifiers to Optogenetically Modulate Neuronal Networks Reducing Light Requirement. PLoS ONE, 2014, 9, e108689.	1.1	21
17	A Processing Platform for Optoelectronic/Optogenetic Retinal Prosthesis. IEEE Transactions on Biomedical Engineering, 2013, 60, 781-791.	2.5	40
18	Development of optics with micro-LED arrays for improved opto-electronic neural stimulation. , 2013, , .		14

#	Article	IF	Citations
19	GPR35 Activation Reduces Ca2+ Transients and Contributes to the Kynurenic Acid-Dependent Reduction of Synaptic Activity at CA3-CA1 Synapses. PLoS ONE, 2013, 8, e82180.	1.1	60
20	Individually addressable optoelectronic arrays for optogenetic neural stimulation. , 2011, , .		6
21	Individually addressable optoelectronic arrays for optogenetic neural stimulation. , 2010, , .		8
22	An optogenetic neural stimulation platform for concurrent induction and recording of neural activity. , 2010, , .		1
23	Multi-site optical excitation using ChR2 and micro-LED array. Journal of Neural Engineering, 2010, 7, 016004.	1.8	218
24	A New Individually Addressable Micro-LED Array for Photogenetic Neural Stimulation. IEEE Transactions on Biomedical Circuits and Systems, 2010, 4, 469-476.	2.7	58
25	Optoelectronic microarrays for retinal prosthesis. , 2009, , .		1
26	Plasmin Potentiates Synaptic N-Methyl-D-aspartate Receptor Function in Hippocampal Neurons through Activation of Protease-activated Receptor-1. Journal of Biological Chemistry, 2008, 283, 20600-20611.	1.6	60
27	Crossbridge Formation Detected by Stiffness Measurements in Single Muscle Fibres. , 2005, 565, 127-140.		7
28	Non Cross-Bridge Stiffness in Skeletal Muscle Fibres at Rest and During Activity. , 2005, 565, 141-155.		8
29	Non-cross-bridge calcium-dependent stiffness in frog muscle fibers. American Journal of Physiology - Cell Physiology, 2004, 286, C1353-C1357.	2.1	55
30	Force Response to Stretches in Activated Frog Muscle Fibres at Low Tension. Advances in Experimental Medicine and Biology, 2003, 538, 429-439.	0.8	2