

Stefano Bartesaghi

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

2,652
citations

304368

22
h-index

500791

28
g-index

30
all docs

30
docs citations

30
times ranked

4839
citing authors

#	ARTICLE	IF	CITATIONS
1	Interleukin-1 β Enhances NMDA Receptor-Mediated Intracellular Calcium Increase through Activation of the Src Family of Kinases. <i>Journal of Neuroscience</i> , 2003, 23, 8692-8700.	1.7	790
2	Successful reprogramming of cellular protein production through mRNA delivered by functionalized lipid nanoparticles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E3351-E3360.	3.3	286
3	The autophagy-associated factors DRAM1 and p62 regulate cell migration and invasion in glioblastoma stem cells. <i>Oncogene</i> , 2013, 32, 699-712.	2.6	224
4	Erythropoietin protects primary hippocampal neurons increasing the expression of brain-derived neurotrophic factor. <i>Journal of Neurochemistry</i> , 2005, 93, 412-421.	2.1	143
5	Desmethylclomipramine induces the accumulation of autophagy markers by blocking autophagic flux. <i>Journal of Cell Science</i> , 2009, 122, 3330-3339.	1.2	121
6	FOXK1 and FOXK2 regulate aerobic glycolysis. <i>Nature</i> , 2019, 566, 279-283.	13.7	110
7	Interleukin-1 β Released by gp120 Drives Neural Death through Tyrosine Phosphorylation and Trafficking of NMDA Receptors. <i>Journal of Biological Chemistry</i> , 2006, 281, 30212-30222.	1.6	107
8	Cytokines role in neurodegenerative events. <i>Toxicology Letters</i> , 2004, 149, 85-89.	0.4	94
9	Thermogenic Activity of UCP1 in Human White Fat-Derived Beige Adipocytes. <i>Molecular Endocrinology</i> , 2015, 29, 130-139.	3.7	85
10	Calcium-Dependent Dephosphorylation of the Histone Chaperone DAXX Regulates H3.3 Loading and Transcription upon Neuronal Activation. <i>Neuron</i> , 2012, 74, 122-135.	3.8	83
11	Erythropoietin: A Novel Neuroprotective Cytokine. <i>NeuroToxicology</i> , 2005, 26, 923-928.	1.4	78
12	The nystagmus-associated FRMD7 gene regulates neuronal outgrowth and development. <i>Human Molecular Genetics</i> , 2010, 19, 342-351.	1.4	64
13	Inhibition of oxidative metabolism leads to p53 genetic inactivation and transformation in neural stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 1059-1064.	3.3	63
14	Endosomal escape of delivered mRNA from endosomal recycling tubules visualized at the nanoscale. <i>Journal of Cell Biology</i> , 2022, 221, .	2.3	60
15	A PML/Slit Axis Controls Physiological Cell Migration and Cancer Invasion in the CNS. <i>Cell Reports</i> , 2017, 20, 411-426.	2.9	49
16	Unlock the Thermogenic Potential of Adipose Tissue: Pharmacological Modulation and Implications for Treatment of Diabetes and Obesity. <i>Frontiers in Endocrinology</i> , 2015, 6, 174.	1.5	48
17	Functionalized lipid nanoparticles for subcutaneous administration of mRNA to achieve systemic exposures of a therapeutic protein. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 24, 369-384.	2.3	47
18	Molecular mechanisms underlying mancozeb-induced inhibition of TNF-alpha production. <i>Toxicology and Applied Pharmacology</i> , 2006, 212, 89-98.	1.3	39

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19	Loss of thymidine kinase 2 alters neuronal bioenergetics and leads to neurodegeneration. <i>Human Molecular Genetics</i> , 2010, 19, 1669-1677.	1.4	35
20	Expression of sterol 27-hydroxylase in glial cells and its regulation by liver X receptor signaling. <i>Neuroscience</i> , 2009, 164, 530-540.	1.1	32
21	<i>PCSK9</i> rs11591147 R46L loss-of-function variant protects against liver damage in individuals with NAFLD. <i>Liver International</i> , 2021, 41, 321-332.	1.9	26
22	Induction of Adipose Differentiation Related Protein and Neutral Lipid Droplet Accumulation in Keratinocytes by Skin Irritants. <i>Journal of Investigative Dermatology</i> , 2003, 121, 337-344.	0.3	25
23	Systems biology reveals uncoupling beyond UCP1 in human white fat-derived beige adipocytes. <i>Npj Systems Biology and Applications</i> , 2017, 3, 29.	1.4	12
24	Dithiocarbamate propineb induces acetylcholine release through cytoskeletal actin depolymerization in PC12 cells. <i>Toxicology Letters</i> , 2008, 182, 63-68.	0.4	9
25	Subcutaneous delivery of FGF21 mRNA therapy reverses obesity, insulin resistance, and hepatic steatosis in diet-induced obese mice. <i>Molecular Therapy - Nucleic Acids</i> , 2022, 28, 500-513.	2.3	8
26	Tumor suppressive pathways in the control of neurogenesis. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 581-597.	2.4	6
27	Quantitative intracellular retention of delivered RNAs through optimized cell fixation and immunostaining. <i>Rna</i> , 2022, 28, 433-446.	1.6	3
28	SENP2 is vital for optimal insulin signaling and insulin-stimulated glycogen synthesis in human skeletal muscle cells. <i>Current Research in Pharmacology and Drug Discovery</i> , 2021, 2, 100061.	1.7	1