

Gianfilippo Coppola

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

4,962
citations

361388

20
h-index

434170

31
g-index

34
all docs

34
docs citations

34
times ranked

9233
citing authors

#	ARTICLE	IF	CITATIONS
1	Sex differences in developmental patterns of neocortical astroglia: A mouse translome database. <i>Cell Reports</i> , 2022, 38, 110310.	6.4	33
2	Genetic pathways disrupted by ENPP1 deficiency provide insight into mechanisms of osteoporosis, osteomalacia, and paradoxical mineralization. <i>Bone</i> , 2021, 142, 115656.	2.9	22
3	Cell-to-Cell Adhesion and Neurogenesis in Human Cortical Development: A Study Comparing 2D Monolayers with 3D Organoid Cultures. <i>Stem Cell Reports</i> , 2021, 16, 264-280.	4.8	16
4	A Further Analysis and Commentary on: Profiling Changes in Cortical Astroglial Cells Following Chronic Stress. <i>Journal of Experimental Neuroscience</i> , 2019, 13, 117906951987018.	2.3	3
5	Revealing the brain's molecular architecture. <i>Science</i> , 2018, 362, 1262-1263.	12.6	45
6	Transcriptome and epigenome landscape of human cortical development modeled in organoids. <i>Science</i> , 2018, 362, .	12.6	220
7	Integrative functional genomic analysis of human brain development and neuropsychiatric risks. <i>Science</i> , 2018, 362, .	12.6	516
8	Transcriptome-wide isoform-level dysregulation in ASD, schizophrenia, and bipolar disorder. <i>Science</i> , 2018, 362, .	12.6	805
9	Comprehensive functional genomic resource and integrative model for the human brain. <i>Science</i> , 2018, 362, .	12.6	618
10	T96. Cortical Astroglial-Mediated Plasticity in Chronic Stress. <i>Biological Psychiatry</i> , 2018, 83, S165-S166.	1.3	0
11	Profiling changes in cortical astroglial cells following chronic stress. <i>Neuropsychopharmacology</i> , 2018, 43, 1961-1971.	5.4	38
12	One thousand somatic SNVs per skin fibroblast cell set baseline of mosaic mutational load with patterns that suggest proliferative origin. <i>Genome Research</i> , 2017, 27, 512-523.	5.5	64
13	Human induced pluripotent stem cells for modelling neurodevelopmental disorders. <i>Nature Reviews Neurology</i> , 2017, 13, 265-278.	10.1	135
14	Intersection of diverse neuronal genomes and neuropsychiatric disease: The Brain Somatic Mosaicism Network. <i>Science</i> , 2017, 356, .	12.6	206
15	Transcriptome Analysis of the Human Striatum in Tourette Syndrome. <i>Biological Psychiatry</i> , 2016, 79, 372-382.	1.3	160
16	FOXP1-Dependent Dysregulation of GABA/Glutamate Neuron Differentiation in Autism Spectrum Disorders. <i>Cell</i> , 2015, 162, 375-390.	28.9	894
17	The PsychENCODE project. <i>Nature Neuroscience</i> , 2015, 18, 1707-1712.	14.8	371
18	Genetics of Tourette Syndrome. , 2015, , 169-189.		1

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19	The use of stem cells to study autism spectrum disorder. <i>Yale Journal of Biology and Medicine</i> , 2015, 88, 5-16.	0.2	11
20	Intimal hyperplasia following implantation of helical-centrelines and straight-centrelines stents in common carotid arteries in healthy pigs: influence of intraluminal flow $\langle \sup \rangle \hat{\epsilon} \langle \sup \rangle$. <i>Journal of the Royal Society Interface</i> , 2013, 10, 20130578.	3.4	34
21	Modeling human cortical development in vitro using induced pluripotent stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 12770-12775.	7.1	442
22	Neurobiology meets genomic science: The promise of human-induced pluripotent stem cells. <i>Development and Psychopathology</i> , 2012, 24, 1443-1451.	2.3	6
23	Systems and synthetic biology of the vessel wall. <i>FEBS Letters</i> , 2012, 586, 2164-2170.	2.8	5
24	Index proposal and basic estimator study for quantification of oscillation of the secondary flow pattern in tortuous vessels. <i>Ultrasonics</i> , 2012, 52, 294-305.	3.9	2
25	An experimental and numerical study of the structure and stability of laminar opposed-jet flows. <i>Computers and Fluids</i> , 2010, 39, 114-124.	2.5	18
26	Experimental study of highly turbulent isothermal opposed-jet flows. <i>Physics of Fluids</i> , 2010, 22, .	4.0	18
27	Arterial geometry, flow pattern, wall shear and mass transport: potential physiological significance. <i>Journal of the Royal Society Interface</i> , 2009, 6, 519-528.	3.4	63
28	Highly turbulent counterflow flames: A laboratory scale benchmark for practical systems. <i>Combustion and Flame</i> , 2009, 156, 1834-1843.	5.2	45
29	Experimental investigation on a turbulence generation system with high-blockage plates. <i>Experimental Thermal and Fluid Science</i> , 2009, 33, 1037-1048.	2.7	44
30	Oxygen mass transfer in a model three-dimensional artery. <i>Journal of the Royal Society Interface</i> , 2008, 5, 1067-1075.	3.4	54
31	Nonlinear Particle Tracking for High-Order Elements. <i>Journal of Computational Physics</i> , 2001, 172, 356-386.	3.8	33
32	Modeling of biomass devolatilization in a fluidized bed reactor. <i>Canadian Journal of Chemical Engineering</i> , 1999, 77, 325-332.	1.7	33