## Gianfilippo Coppola

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Sex differences in developmental patterns of neocortical astroglia: A mouse translatome database. Cell Reports, 2022, 38, 110310.	6.4	33
2	Genetic pathways disrupted by ENPP1 deficiency provide insight into mechanisms of osteoporosis, osteomalacia, and paradoxical mineralization. Bone, 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. Stem Cell Reports, 2021, 16, 264-280.	4.8	16
4	A Further Analysis and Commentary on: Profiling Changes in Cortical Astroglial Cells Following Chronic Stress. Journal of Experimental Neuroscience, 2019, 13, 117906951987018.	2.3	3
5	Revealing the brain's molecular architecture. Science, 2018, 362, 1262-1263.	12.6	45
6	Transcriptome and epigenome landscape of human cortical development modeled in organoids. Science, 2018, 362, .	12.6	220
7	Integrative functional genomic analysis of human brain development and neuropsychiatric risks. Science, 2018, 362, .	12.6	516
8	Transcriptome-wide isoform-level dysregulation in ASD, schizophrenia, and bipolar disorder. Science, 2018, 362, .	12.6	805
9	Comprehensive functional genomic resource and integrative model for the human brain. Science, 2018, 362, .	12.6	618
10	T96. Cortical Astroglial-Mediated Plasticity in Chronic Stress. Biological Psychiatry, 2018, 83, S165-S166.	1.3	0
11	Profiling changes in cortical astroglial cells following chronic stress. Neuropsychopharmacology, 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. Genome Research, 2017, 27, 512-523.	5.5	64
13	Human induced pluripotent stem cells for modelling neurodevelopmental disorders. Nature Reviews Neurology, 2017, 13, 265-278.	10.1	135
14	Intersection of diverse neuronal genomes and neuropsychiatric disease: The Brain Somatic Mosaicism Network. Science, 2017, 356, .	12.6	206
15	Transcriptome Analysis of the Human Striatum in Tourette Syndrome. Biological Psychiatry, 2016, 79, 372-382.	1.3	160
16	FOXG1-Dependent Dysregulation of GABA/Glutamate Neuron Differentiation in Autism Spectrum Disorders. Cell, 2015, 162, 375-390.	28.9	894
17	The PsychENCODE project. Nature Neuroscience, 2015, 18, 1707-1712.	14.8	371

18 Genetics of Tourette Syndrome. , 2015, , 169-189.

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