Antonella Consiglio

List of Publications by Year
in descending order

53 papers	11,480 citations	117619 34 h-index	161844 54 g-index
55 all docs	55 docs citations	55 times ranked	17276 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 742 Td	9.1	1,430
2	Wnt signalling regulates adult hippocampal neurogenesis. Nature, 2005, 437, 1370-1375.	27.8	1,363
3	Efficient and rapid generation of induced pluripotent stem cells from human keratinocytes. Nature Biotechnology, 2008, 26, 1276-1284.	17.5	1,275
4	In vivo demonstration that Î±-synuclein oligomers are toxic. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 4194-4199.	7.1	1,252
5	In Vivo Fate Analysis Reveals the Multipotent and Self-Renewal Capacities of Sox2+ Neural Stem Cells in the Adult Hippocampus. Cell Stem Cell, 2007, 1, 515-528.	11.1	717
6	Disease-corrected haematopoietic progenitors from Fanconi anaemia induced pluripotent stem cells. Nature, 2009, 460, 53-59.	27.8	660
7	Dentate gyrus-specific knockdown of adult neurogenesis impairs spatial and object recognition memory in adult rats. Learning and Memory, 2009, 16, 147-154.	1.3	562
8	Interplay of LRRK2 with chaperone-mediated autophagy. Nature Neuroscience, 2013, 16, 394-406.	14.8	515
9	Diseaseâ€specific phenotypes in dopamine neurons from human iPSâ€based models of genetic and sporadic Parkinson's disease. EMBO Molecular Medicine, 2012, 4, 380-395.	6.9	501
10	Synapse formation on neurons born in the adult hippocampus. Nature Neuroscience, 2007, 10, 727-734.	14.8	499
11	Signaling through BMPR-IA Regulates Quiescence and Long-Term Activity of Neural Stem Cells in the Adult Hippocampus. Cell Stem Cell, 2010, 7, 78-89.	11.1	417
12	Patient-Specific iPSC-Derived Astrocytes Contribute to Non-Cell-Autonomous Neurodegeneration in Parkinson's Disease. Stem Cell Reports, 2019, 12, 213-229.	4.8	250
13	In vivo gene therapy of metachromatic leukodystrophy by lentiviral vectors: correction of neuropathology and protection against learning impairments in affected mice. Nature Medicine, 2001, 7, 310-316.	30.7	198
14	Robust in vivo gene transfer into adult mammalian neural stem cells by lentiviral vectors. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 14835-14840.	7.1	163
15	Enhancing glycolysis attenuates Parkinsonâ€™s disease progression in models and clinical databases. Journal of Clinical Investigation, 2019, 129, 4539-4549.	8.2	159
16	A New-Generation Stable Inducible Packaging Cell Line for Lentiviral Vectors. Human Gene Therapy, 2001, 12, 981-997.	2.7	149
17	Aberrant epigenome in <scp>iPSC</scp> â€derived dopaminergic neurons from Parkinson's disease patients. EMBO Molecular Medicine, 2015, 7, 1529-1546.	6.9	117
18	Efficient Generation of A9 Midbrain Dopaminergic Neurons by Lentiviral Delivery of LMX1A in Human Embryonic Stem Cells and Induced Pluripotent Stem Cells. Human Gene Therapy, 2012, 23, 56-69.	2.7	111

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19	Occurrence and clinical relevance of an interleukin-4 gene polymorphism in patients with multiple sclerosis. Journal of Neuroimmunology, 1997, 76, 189-192.	2.3	91
20	MT5-MMP regulates adult neural stem cell functional quiescence through the cleavage of N-cadherin. Nature Cell Biology, 2014, 16, 629-638.	10.3	85
21	Rem2 GTPase maintains survival of human embryonic stem cells as well as enhancing reprogramming by regulating p53 and cyclin D1. Genes and Development, 2010, 24, 561-573.	5.9	76
22	Clinical potentials of human pluripotent stem cells. Cell Biology and Toxicology, 2017, 33, 351-360.	5.3	55
23	MicroRNA alterations in iPSC-derived dopaminergic neurons from Parkinson disease patients. Neurobiology of Aging, 2018, 69, 283-291.	3.1	55
24	A protocol describing the genetic correction of somatic human cells and subsequent generation of iPS cells. Nature Protocols, 2010, 5, 647-660.	12.0	52
25	Increased dosage of tumor suppressors limits the tumorigenicity of iPS cells without affecting their pluripotency. Aging Cell, 2012, 11, 41-50.	6.7	51
26	Human iPSC modelling of a familial form of atrial fibrillation reveals a gain of function of If and ICaL in patient-derived cardiomyocytes. Cardiovascular Research, 2020, 116, 1147-1160.	3.8	50
27	Tumor necrosis factor Î± and its receptors in relapsing-remitting multiple sclerosis. Journal of the Neurological Sciences, 1997, 152, 51-61.	0.6	49
28	Using iPS Cells toward the Understanding of Parkinsonâ€™s Disease. Journal of Clinical Medicine, 2015, 4, 548-566.	2.4	47
29	Generation of Cardiomyocytes from New Human Embryonic Stem Cell Lines Derived from Poor-quality Blastocysts. Cold Spring Harbor Symposia on Quantitative Biology, 2008, 73, 127-135.	1.1	46
30	ER signaling regulation drives the switch between autophagy and apoptosis in NRK-52E cells exposed to cisplatin. Experimental Cell Research, 2012, 318, 238-250.	2.6	46
31	The Zebrafish as a Model of Heart Regeneration. Cloning and Stem Cells, 2004, 6, 345-351.	2.6	45
32	Proinflammatory cytokines regulate antigen-independent T-cell Activation by two separate calcium-signaling pathways in multiple sclerosis patients. Annals of Neurology, 1998, 43, 340-349.	5.3	44
33	The Small GTPase RAC1/CED-10 Is Essential in Maintaining Dopaminergic Neuron Function and Survival Against Î±-Synuclein-Induced Toxicity. Molecular Neurobiology, 2018, 55, 7533-7552.	4.0	40
34	Cardiac disease modeling using induced pluripotent stem cell-derived human cardiomyocytes. World Journal of Stem Cells, 2015, 7, 329.	2.8	35
35	Activity and High-Order Effective Connectivity Alterations in Sanfilippo C Patient-Specific Neuronal Networks. Stem Cell Reports, 2015, 5, 546-557.	4.8	31
36	Expression and purification of a human, soluble Arylsulfatase A for Metachromatic Leukodystrophy enzyme replacement therapy. Journal of Biotechnology, 2005, 117, 243-251.	3.8	27

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37	iPS Cell Cultures from a Gerstmann-StrÃussler-Scheinker Patient with the Y218N PRNP Mutation Recapitulate tau Pathology. Molecular Neurobiology, 2018, 55, 3033-3048.	4.0	27
38	CRISPR/Cas9-mediated generation of a tyrosine hydroxylase reporter iPSC line for live imaging and isolation of dopaminergic neurons. Scientific Reports, 2019, 9, 6811.	3.3	22
39	Metabolic correction in oligodendrocytes derived from metachromatic leukodystrophy mouse model by using encapsulated recombinant myoblasts. Journal of the Neurological Sciences, 2007, 255, 7-16.	0.6	21
40	Cyclin A₁ Is Essential for Setting the Pluripotent State and Reducing Tumorigenicity of Induced Pluripotent Stem Cells. Stem Cells and Development, 2012, 21, 2891-2899.	2.1	19
41	Modeling the genetic complexity of Parkinson's disease by targeted genome edition in iPS cells. Current Opinion in Genetics and Development, 2017, 46, 123-131.	3.3	16
42	Whole-genome DNA hyper-methylation in iPSC-derived dopaminergic neurons from Parkinsonâ€™s disease patients. Clinical Epigenetics, 2019, 11, 108.	4.1	16
43	Neural Stem Cells in the Adult Olfactory Bulb Core Generate Mature Neurons inâ€‰Vivo. Stem Cells, 2021, 39, 1253-1269.	3.2	16
44	Lysosomal and network alterations in human mucopolysaccharidosis type VII iPSC-derived neurons. Scientific Reports, 2018, 8, 16644.	3.3	15
45	Cationic Carbosilane Dendrimers Prevent Abnormal Î±-Synuclein Accumulation in Parkinsonâ€™s Disease Patient-Specific Dopamine Neurons. Biomacromolecules, 2021, 22, 4582-4591.	5.4	12
46	Parkinsonâ€™s disease patient-specific neuronal networks carrying the LRRK2 G2019S mutation unveil early functional alterations that predate neurodegeneration. Npj Parkinson's Disease, 2021, 7, 55.	5.3	11
47	Long-Term Labeling of Hippocampal Neural Stem Cells by a Lentiviral Vector. Frontiers in Molecular Neuroscience, 2018, 11, 415.	2.9	9
48	Dissecting the non-neuronal cell contribution to Parkinsonâ€™s disease pathogenesis using induced pluripotent stem cells. Cellular and Molecular Life Sciences, 2021, 78, 2081-2094.	5.4	8
49	Derivation of human embryonic stem cells at the Center of Regenerative Medicine in Barcelona. In Vitro Cellular and Developmental Biology - Animal, 2010, 46, 356-366.	1.5	7
50	Global Proteomic and Methylome Analysis in Human Induced Pluripotent Stem Cells Reveals Overexpression of a Human TLR3 Affecting Proper Innate Immune Response Signaling. Stem Cells, 2019, 37, 476-488.	3.2	7
51	Induced Pluripotent Stem Cell-Based Studies of Parkinson's Disease: Challenges and Promises. CNS and Neurological Disorders - Drug Targets, 2013, 999, 29-30.	1.4	5
52	Improved conditions for the analysis of large variable number of tandemly repeated (VNTR) unit polymorphisms. Electrophoresis, 1996, 17, 678-680.	2.4	2
53	Stable and Efficient Genetic Modification of Cells in the Adult Mouse V-SVZ for the Analysis of Neural Stem Cell Autonomous and Non-autonomous Effects. Journal of Visualized Experiments, 2016, , 53282.	0.3	1