

Antonella Consiglio

List of Publications by Year in descending order

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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	Dissecting the non-neuronal cell contribution to Parkinson's disease pathogenesis using induced pluripotent stem cells. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 2081-2094.	5.4	8
2	Neural Stem Cells in the Adult Olfactory Bulb Core Generate Mature Neurons <i>in vivo</i> . <i>Stem Cells</i> , 2021, 39, 1253-1269.	3.2	16
3	Parkinson's disease patient-specific neuronal networks carrying the LRRK2 G2019S mutation unveil early functional alterations that predate neurodegeneration. <i>Npj Parkinson's Disease</i> , 2021, 7, 55.	5.3	11
4	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) <i>Trends in Cell Sciences</i> (edition 2015)	9.1	1,430
5	Cationic Carbosilane Dendrimers Prevent Abnormal α -Synuclein Accumulation in Parkinson's Disease Patient-Specific Dopamine Neurons. <i>Biomacromolecules</i> , 2021, 22, 4582-4591.	5.4	12
6	Human iPSC modelling of a familial form of atrial fibrillation reveals a gain of function of I_f and I_{CaL} in patient-derived cardiomyocytes. <i>Cardiovascular Research</i> , 2020, 116, 1147-1160.	3.8	50
7	Whole-genome DNA hyper-methylation in iPSC-derived dopaminergic neurons from Parkinson's disease patients. <i>Clinical Epigenetics</i> , 2019, 11, 108.	4.1	16
8	Patient-Specific iPSC-Derived Astrocytes Contribute to Non-Cell-Autonomous Neurodegeneration in Parkinson's Disease. <i>Stem Cell Reports</i> , 2019, 12, 213-229.	4.8	250
9	CRISPR/Cas9-mediated generation of a tyrosine hydroxylase reporter iPSC line for live imaging and isolation of dopaminergic neurons. <i>Scientific Reports</i> , 2019, 9, 6811.	3.3	22
10	Global Proteomic and Methylome Analysis in Human Induced Pluripotent Stem Cells Reveals Overexpression of a Human TLR3 Affecting Proper Innate Immune Response Signaling. <i>Stem Cells</i> , 2019, 37, 476-488.	3.2	7
11	Enhancing glycolysis attenuates Parkinson's disease progression in models and clinical databases. <i>Journal of Clinical Investigation</i> , 2019, 129, 4539-4549.	8.2	159
12	The Small GTPase RAC1/CED-10 Is Essential in Maintaining Dopaminergic Neuron Function and Survival Against α -Synuclein-Induced Toxicity. <i>Molecular Neurobiology</i> , 2018, 55, 7533-7552.	4.0	40
13	iPS Cell Cultures from a Gerstmann-Sträussler-Scheinker Patient with the Y218N PRNP Mutation Recapitulate tau Pathology. <i>Molecular Neurobiology</i> , 2018, 55, 3033-3048.	4.0	27
14	Lysosomal and network alterations in human mucopolysaccharidosis type VII iPSC-derived neurons. <i>Scientific Reports</i> , 2018, 8, 16644.	3.3	15
15	Long-Term Labeling of Hippocampal Neural Stem Cells by a Lentiviral Vector. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 415.	2.9	9
16	MicroRNA alterations in iPSC-derived dopaminergic neurons from Parkinson disease patients. <i>Neurobiology of Aging</i> , 2018, 69, 283-291.	3.1	55
17	Clinical potentials of human pluripotent stem cells. <i>Cell Biology and Toxicology</i> , 2017, 33, 351-360.	5.3	55
18	Modeling the genetic complexity of Parkinson's disease by targeted genome edition in iPS cells. <i>Current Opinion in Genetics and Development</i> , 2017, 46, 123-131.	3.3	16

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19	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. <i>Journal of Visualized Experiments</i> , 2016, , 53282.	0.3	1
20	Aberrant epigenome in <scp>iPSC</scp> â€ derived dopaminergic neurons from Parkinson's disease patients. <i>EMBO Molecular Medicine</i> , 2015, 7, 1529-1546.	6.9	117
21	Cardiac disease modeling using induced pluripotent stem cell-derived human cardiomyocytes. <i>World Journal of Stem Cells</i> , 2015, 7, 329.	2.8	35
22	Using iPS Cells toward the Understanding of Parkinsonâ€™s Disease. <i>Journal of Clinical Medicine</i> , 2015, 4, 548-566.	2.4	47
23	Activity and High-Order Effective Connectivity Alterations in Sanfilippo C Patient-Specific Neuronal Networks. <i>Stem Cell Reports</i> , 2015, 5, 546-557.	4.8	31
24	MT5-MMP regulates adult neural stem cell functional quiescence through the cleavage of N-cadherin. <i>Nature Cell Biology</i> , 2014, 16, 629-638.	10.3	85
25	Interplay of LRRK2 with chaperone-mediated autophagy. <i>Nature Neuroscience</i> , 2013, 16, 394-406.	14.8	515
26	Induced Pluripotent Stem Cell-Based Studies of Parkinson's Disease: Challenges and Promises. <i>CNS and Neurological Disorders - Drug Targets</i> , 2013, 999, 29-30.	1.4	5
27	Cyclin A₁ Is Essential for Setting the Pluripotent State and Reducing Tumorigenicity of Induced Pluripotent Stem Cells. <i>Stem Cells and Development</i> , 2012, 21, 2891-2899.	2.1	19
28	Efficient Generation of A9 Midbrain Dopaminergic Neurons by Lentiviral Delivery of LMX1A in Human Embryonic Stem Cells and Induced Pluripotent Stem Cells. <i>Human Gene Therapy</i> , 2012, 23, 56-69.	2.7	111
29	Diseaseâ€™specific phenotypes in dopamine neurons from human iPSâ€™based models of genetic and sporadic Parkinson's disease. <i>EMBO Molecular Medicine</i> , 2012, 4, 380-395.	6.9	501
30	Increased dosage of tumor suppressors limits the tumorigenicity of iPS cells without affecting their pluripotency. <i>Aging Cell</i> , 2012, 11, 41-50.	6.7	51
31	ER signaling regulation drives the switch between autophagy and apoptosis in NRK-52E cells exposed to cisplatin. <i>Experimental Cell Research</i> , 2012, 318, 238-250.	2.6	46
32	In vivo demonstration that Î±-synuclein oligomers are toxic. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 4194-4199.	7.1	1,252
33	Derivation of human embryonic stem cells at the Center of Regenerative Medicine in Barcelona. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2010, 46, 356-366.	1.5	7
34	A protocol describing the genetic correction of somatic human cells and subsequent generation of iPS cells. <i>Nature Protocols</i> , 2010, 5, 647-660.	12.0	52
35	Rem2 GTPase maintains survival of human embryonic stem cells as well as enhancing reprogramming by regulating p53 and cyclin D1. <i>Genes and Development</i> , 2010, 24, 561-573.	5.9	76
36	Signaling through BMPRII Regulates Quiescence and Long-Term Activity of Neural Stem Cells in the Adult Hippocampus. <i>Cell Stem Cell</i> , 2010, 7, 78-89.	11.1	417

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37	Disease-corrected haematopoietic progenitors from Fanconi anaemia induced pluripotent stem cells. <i>Nature</i> , 2009, 460, 53-59.	27.8	660
38	Dentate gyrus-specific knockdown of adult neurogenesis impairs spatial and object recognition memory in adult rats. <i>Learning and Memory</i> , 2009, 16, 147-154.	1.3	562
39	Efficient and rapid generation of induced pluripotent stem cells from human keratinocytes. <i>Nature Biotechnology</i> , 2008, 26, 1276-1284.	17.5	1,275
40	Generation of Cardiomyocytes from New Human Embryonic Stem Cell Lines Derived from Poor-quality Blastocysts. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2008, 73, 127-135.	1.1	46
41	In Vivo Fate Analysis Reveals the Multipotent and Self-Renewal Capacities of Sox2+ Neural Stem Cells in the Adult Hippocampus. <i>Cell Stem Cell</i> , 2007, 1, 515-528.	11.1	717
42	Metabolic correction in oligodendrocytes derived from metachromatic leukodystrophy mouse model by using encapsulated recombinant myoblasts. <i>Journal of the Neurological Sciences</i> , 2007, 255, 7-16.	0.6	21
43	Synapse formation on neurons born in the adult hippocampus. <i>Nature Neuroscience</i> , 2007, 10, 727-734.	14.8	499
44	Wnt signalling regulates adult hippocampal neurogenesis. <i>Nature</i> , 2005, 437, 1370-1375.	27.8	1,363
45	Expression and purification of a human, soluble Arylsulfatase A for Metachromatic Leukodystrophy enzyme replacement therapy. <i>Journal of Biotechnology</i> , 2005, 117, 243-251.	3.8	27
46	The Zebrafish as a Model of Heart Regeneration. <i>Cloning and Stem Cells</i> , 2004, 6, 345-351.	2.6	45
47	Robust in vivo gene transfer into adult mammalian neural stem cells by lentiviral vectors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 14835-14840.	7.1	163
48	A New-Generation Stable Inducible Packaging Cell Line for Lentiviral Vectors. <i>Human Gene Therapy</i> , 2001, 12, 981-997.	2.7	149
49	In vivo gene therapy of metachromatic leukodystrophy by lentiviral vectors: correction of neuropathology and protection against learning impairments in affected mice. <i>Nature Medicine</i> , 2001, 7, 310-316.	30.7	198
50	Proinflammatory cytokines regulate antigen-independent T-cell Activation by two separate calcium-signaling pathways in multiple sclerosis patients. <i>Annals of Neurology</i> , 1998, 43, 340-349.	5.3	44
51	Tumor necrosis factor α and its receptors in relapsing-remitting multiple sclerosis. <i>Journal of the Neurological Sciences</i> , 1997, 152, 51-61.	0.6	49
52	Occurrence and clinical relevance of an interleukin-4 gene polymorphism in patients with multiple sclerosis. <i>Journal of Neuroimmunology</i> , 1997, 76, 189-192.	2.3	91
53	Improved conditions for the analysis of large variable number of tandemly repeated (VNTR) unit polymorphisms. <i>Electrophoresis</i> , 1996, 17, 678-680.	2.4	2