Stefano Stifani

List of Publications by Year
in descending order

54 papers	3,468 citations	159358 30 h-index	161609 54 g-index
60 all docs	60 docs citations	60 times ranked	4238 citing authors

#	Article	IF	Citations
1	The timing of cortical neurogenesis is encoded within lineages of individual progenitor cells. Nature Neuroscience, 2006, 9, 743-751.	7.1	540
2	Human homologs of a Drosophila Enhancer of Split gene product define a novel family of nuclear proteins. Nature Genetics, 1992, 2, 119-127.	9.4	292
3	Ciprofloxacin and levofloxacin attenuate microglia inflammatory response via TLR4/NF-kB pathway. Journal of Neuroinflammation, 2019, 16, 148.	3.1	275
4	The Mammalian Basic Helix Loop Helix Protein HES-1 Binds to and Modulates the Transactivating Function of the Runt-related Factor Cbfa1. Journal of Biological Chemistry, 2000, 275, 530-538.	1.6	168
5	The Groucho/Transducin-like Enhancer of split Transcriptional Repressors Interact with the Genetically Defined Amino-terminal Silencing Domain of Histone H3. Journal of Biological Chemistry, 1997, 272, 26604-26610.	1.6	136
6	Regulation of Postnatal Forebrain Amoeboid Microglial Cell Proliferation and Development by the Transcription Factor Runx1. Journal of Neuroscience, 2012, 32, 11285-11298.	1.7	129
7	The â€˜Marxâ€™ of Groucho on development and disease. Trends in Cell Biology, 2007, 17, 353-361.	3.6	127
8	The Winged-Helix Protein Brain Factor 1 Interacts with Groucho and Hes Proteins To Repress Transcription. Molecular and Cellular Biology, 2001, 21, 1962-1972.	1.1	112
9	Hes6 Promotes Cortical Neurogenesis and Inhibits Hes1 Transcription Repression Activity by Multiple Mechanisms. Molecular and Cellular Biology, 2003, 23, 6922-6935.	1.1	103
10	Role for Runx1 in the Proliferation and Neuronal Differentiation of Selected Progenitor Cells in the Mammalian Nervous System. Journal of Neuroscience, 2005, 25, 2050-2061.	1.7	101
11	Transducin-like Enhancer of split 2, a mammalian homologue of Drosophila Groucho, acts as a transcriptional repressor, interacts with Hairy/Enhancer of split proteins, and is expressed during neuronal development. FEBS Journal, 1998, 258, 339-349.	0.2	85
12	Association with the Nuclear Matrix and Interaction with Groucho and RUNX Proteins Regulate the Transcription Repression Activity of the Basic Helix Loop Helix Factor Hes1. Journal of Biological Chemistry, 2001, 276, 1578-1584.	1.6	79
13	NF-Î°B Signalling in Glioblastoma. Biomedicines, 2017, 5, 29.	1.4	72
14	TLE expression correlates with mouse embryonic segmentation, neurogenesis, and epithelial determination. Mechanisms of Development, 1995, 53, 369-381.	1.7	67
15	Combinatorial expression patterns of individual TLE proteins during cell determination and differentiation suggest non-redundant functions for mammalian homologs of Drosophila Groucho. Development Growth and Differentiation, 1998, 40, 133-146.	0.6	66
16	Phosphorylation of Serine 239 of Groucho/TLE1 by Protein Kinase CK2 Is Important for Inhibition of Neuronal Differentiation. Molecular and Cellular Biology, 2004, 24, 8395-8407.	1.1	60
17	Hes6 Inhibits Astrocyte Differentiation and Promotes Neurogenesis through Different Mechanisms. Journal of Neuroscience, 2006, 26, 11061-11071.	1.7	60
18	HES6 acts as a transcriptional repressor in myoblasts and can induce the myogenic differentiation program. Journal of Cell Biology, 2001, 154, 1161-1172.	2.3	59

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19	Role for Hes1-Induced Phosphorylation in Groucho-Mediated Transcriptional Repression. Molecular and Cellular Biology, 2002, 22, 389-399.	1.1	58
20	Transcription factors FOXG1 and Groucho/TLE promote glioblastoma growth. Nature Communications, 2013, 4, 2956.	5.8	56
21	AML1/Runx1 is important for the development of hindbrain cholinergic branchiovisceral motor neurons and selected cranial sensory neurons. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 10343-10348.	3.3	55
22	Affinity for the nuclear compartment and expression during cell differentiation implicate phosphorylated Groucho/TLE1 forms of higher molecular mass in nuclear functions. Biochemical Journal, 1996, 317, 523-531.	1.7	50
23	Disrupted development of the cerebral hemispheres in transgenic mice expressing the mammalian Groucho homologue Transducin-like-Enhancer of split 1 in postmitotic neurons. Mechanisms of Development, 2000, 93, 105-115.	1.7	49
24	Zeb1 potentiates genomeâ€wide gene transcription with Lef1 to promote glioblastoma cell invasion. EMBO Journal, 2018, 37, .	3.5	47
25	Antagonistic Effects of Grg6 and Groucho/TLE on the Transcription Repression Activity of Brain Factor 1/FoxG1 and Cortical Neuron Differentiation. Molecular and Cellular Biology, 2005, 25, 10916-10929.	1.1	40
26	Characterization of human iPSC-derived astrocytes with potential for disease modeling and drug discovery. Neuroscience Letters, 2020, 731, 135028.	1.0	40
27	Transcription factor KLF7 regulates differentiation of neuroectodermal and mesodermal cell lineages. Experimental Cell Research, 2010, 316, 2365-2376.	1.2	39
28	Inhibition of Cortical Neuron Differentiation by Groucho/TLE1 Requires Interaction with WRPW, but Not Eh1, Repressor Peptides. Journal of Biological Chemistry, 2008, 283, 24881-24888.	1.6	38
29	Role for TGF-Î² superfamily signaling in telencephalic GABAergic neuron development. Journal of Neurodevelopmental Disorders, 2010, 2, 48-60.	1.5	38
30	Suppression of interneuron programs and maintenance of selected spinal motor neuron fates by the transcription factor AML1/Runx1. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 6451-6456.	3.3	37
31	Roles of Runx Genes in Nervous System Development. Advances in Experimental Medicine and Biology, 2017, 962, 103-116.	0.8	32
32	Runx transcription factors: Lineageâ€specific regulators of neuronal precursor cell proliferation and postâ€mitotic neuron subtype development. Journal of Cellular Biochemistry, 2009, 107, 1063-1072.	1.2	28
33	Phenolic 1,3â€diketones attenuate lipopolysaccharideâ€induced inflammatory response by an alternative magnesiumâ€mediated mechanism. British Journal of Pharmacology, 2017, 174, 1090-1103.	2.7	28
34	Cofactor-Activated Phosphorylation Is Required for Inhibition of Cortical Neuron Differentiation by Groucho/TLE1. PLoS ONE, 2009, 4, e8107.	1.1	24
35	â€˜Runxs and regulationsâ€™ of sensory and motor neuron subtype differentiation: Implications for hematopoietic development. Blood Cells, Molecules, and Diseases, 2009, 43, 20-26.	0.6	24
36	KrÃ¼ppel-like factor 7 is required for olfactory bulb dopaminergic neuron development. Experimental Cell Research, 2011, 317, 464-473.	1.2	24

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37	Transducin-like Enhancer of Split-1 (TLE1) Combines with Forkhead Box Protein G1 (FoxG1) to Promote Neuronal Survival. Journal of Biological Chemistry, 2012, 287, 14749-14759.	1.6	23
38	Characterization of a FOXG1:TLE1 transcriptional network in glioblastomaâ€initiating cells. Molecular Oncology, 2018, 12, 775-787.	2.1	23
39	Inhibition of cortical astrocyte differentiation by Hes6 requires aminoâ€•and carboxyâ€terminal motifs important for dimerization and phosphorylation. Journal of Neurochemistry, 2007, 103, 2022-2034.	2.1	22
40	Interaction and Antagonistic Roles of NF-ÎºB and Hes6 in the Regulation of Cortical Neurogenesis. Molecular and Cellular Biology, 2013, 33, 2797-2808.	1.1	22
41	Characterization of Human iPSC-derived Spinal Motor Neurons by Single-cell RNA Sequencing. Neuroscience, 2020, 450, 57-70.	1.1	21
42	Transcription factor Runx1 inhibits proliferation and promotes developmental maturation in a selected population of inner olfactory nerve layer olfactory ensheathing cells. Gene, 2014, 540, 191-200.	1.0	19
43	Nuclear factorâ€kappaB regulates multiple steps of gliogenesis in the developing murine cerebral cortex. Glia, 2018, 66, 2659-2672.	2.5	15
44	An Arf/Rab cascade controls the growth and invasiveness of glioblastoma. Journal of Cell Biology, 2021, 220, .	2.3	13
45	Runx1 expression defines a subpopulation of displaced amacrine cells in the developing mouse retina. Journal of Neurochemistry, 2005, 94, 1739-1745.	2.1	12
46	Molecular Characterization of the Mouse Superior Lateral Parabrachial Nucleus through Expression of the Transcription Factor Runx1. PLoS ONE, 2010, 5, e13944.	1.1	11
47	Establishment of Motor Neuron-V3 Interneuron Progenitor Domain Boundary in Ventral Spinal Cord Requires Groucho-Mediated Transcriptional Corepression. PLoS ONE, 2012, 7, e31176.	1.1	10
48	Optimization of Long-Term Human iPSC-Derived Spinal Motor Neuron Culture Using a Dendritic Polyglycerol Amine-Based Substrate. ASN Neuro, 2022, 14, 175909142110733.	1.5	8
49	Rapid Generation of Ventral Spinal Cord-like Astrocytes from Human iPSCs for Modeling Non-Cell Autonomous Mechanisms of Lower Motor Neuron Disease. Cells, 2022, 11, 399.	1.8	7
50	The Multiple Roles of Peptidyl Prolyl Isomerases in Brain Cancer. Biomolecules, 2018, 8, 112.	1.8	6
51	Transcriptional regulation of mouse hypoglossal motor neuron somatotopic map formation. Brain Structure and Function, 2016, 221, 4187-4202.	1.2	5
52	The <scp>McGillâ€Mouseâ€Miniscope</scp> platform: A standardized approach for highâ€throughput imaging of neuronal dynamics during behavior. Genes, Brain and Behavior, 2021, 20, e12686.	1.1	5
53	Taking Cellular Heterogeneity Into Consideration When Modeling Astrocyte Involvement in Amyotrophic Lateral Sclerosis Using Human Induced Pluripotent Stem Cells. Frontiers in Cellular Neuroscience, 2021, 15, 707861.	1.8	5
54	Robust 3D Reconstruction and Mean-Shift Clustering of Motoneurons from Serial Histological Images. Lecture Notes in Computer Science, 2010, , 191-199.	1.0	2