Erika Pastrana

List of Publications by Year
in descending order

61	3,270	687220	302012
papers	citations	13 h-index	39 g-index

68	68	68	5959
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	miR-124 regulates adult neurogenesis in the subventricular zone stem cell niche. Nature Neuroscience, 2009, 12, 399-408.	7.1	902
2	Eyes Wide Open: A Critical Review of Sphere-Formation as an Assay for Stem Cells. Cell Stem Cell, 2011, 8, 486-498.	5.2	728
3	Prospective Identification and Purification of Quiescent Adult Neural Stem Cells from Their In Vivo Niche. Neuron, 2014, 82, 545-559.	3.8	563
4	Simultaneous prospective purification of adult subventricular zone neural stem cells and their progeny. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 6387-6392.	3.3	342
5	Optogenetics: controlling cell function with light. Nature Methods, 2011, 8, 24-25.	9.0	160
6	Generation of three-dimensional multiple spheroid model of olfactory ensheathing cells using floating liquid marbles. Scientific Reports, 2015, 5, 15083.	1.6	113
7	Genes Associated with Adult Axon Regeneration Promoted by Olfactory Ensheathing Cells: A New Role for Matrix Metalloproteinase 2. Journal of Neuroscience, 2006, 26, 5347-5359.	1.7	97
8	Dopamine stimulation of postnatal murine subventricular zone neurogenesis via the D3 receptor. Journal of Neurochemistry, 2010, 114, 750-760.	2.1	71
9	BDNF production by olfactory ensheathing cells contributes to axonal regeneration of cultured adult CNS neurons. Neurochemistry International, 2007, 50, 491-498.	1.9	65
10	Low-Dose Curcumin Stimulates Proliferation, Migration and Phagocytic Activity of Olfactory Ensheathing Cells. PLoS ONE, 2014, 9, e111787.	1.1	56
11	A clonal cell line from immortalized olfactory ensheathing glia promotes functional recovery in the injured spinal cord. Molecular Therapy, 2006, 13, 598-608.	3.7	49
12	Expression of plasminogen activator inhibitor-1 by olfactory ensheathing glia promotes axonal regeneration. Glia, 2011, 59, 1458-1471.	2.5	19
13	Near-infrared probes. Nature Methods, 2013, 10, 36-36.	9.0	15
14	Focus on Mapping the Brain. Nature Methods, 2013, 10, 481-481.	9.0	13
15	Fast 3D super-resolution fluorescence microscopy. Nature Methods, 2011, 8, 46-46.	9.0	9
16	Bessel beams beyond the limit. Nature Methods, 2013, 10, 102-102.	9.0	9
17	The survival of the fittest. Nature Methods, 2012, 9, 16-16.	9.0	7
18	Light-based electrophysiology. Nature Methods, 2012, 9, 38-38.	9.0	7

#	Article	IF	Citations
19	Perfecting ChR2. Nature Methods, 2011, 8, 447-447.	9.0	6
20	A toolset for the proficient geneticist. Nature Methods, 2010, 7, 488-488.	9.0	5
21	Adaptive optics for biological imaging. Nature Methods, 2011, 8, 45-45.	9.0	5
22	The developing human brainâ€"modeled in a dish. Nature Methods, 2013, 10, 929-929.	9.0	4
23	A handle on neurodegenerative disease complexity. Nature Methods, 2012, 9, 21-21.	9.0	3
24	Calcium sensors reach new heights. Nature Methods, 2013, 10, 824-824.	9.0	3
25	A 'nano' era for electrophysiology. Nature Methods, 2012, 9, 321-321.	9.0	2
26	Imaging life with thin sheets of light. Nature Methods, 2012, 9, 37-37.	9.0	2
27	A genetic handle on brain circuits. Nature Methods, 2014, 11, 128-128.	9.0	2
28	Neurons light the way. Nature Methods, 2010, 7, 346-346.	9.0	1
29	Reading cells from within. Nature Methods, 2010, 7, 780-781.	9.0	1
30	Rewiring cellular networks. Nature Methods, 2011, 8, 108-108.	9.0	1
31	Brain function marries anatomy. Nature Methods, 2011, 8, 369-369.	9.0	1
32	High-tech Petri dishes. Nature Methods, 2011, 8, 999-999.	9.0	1
33	For every protein its tag. Nature Methods, 2012, 9, 941-941.	9.0	1
34	Bearing the mark. Nature Methods, 2012, 9, 127-127.	9.0	1
35	Volumetric imaging in a snapshot. Nature Methods, 2013, 10, 37-37.	9.0	1
36	Magnetic signaling control. Nature Methods, 2013, 10, 388-388.	9.0	1

#	Article	IF	Citations
37	Light on genome function. Nature Methods, 2013, 10, 817-817.	9.0	1
38	Bound to the messenger. Nature Methods, 2010, 7, 423-423.	9.0	0
39	Searching for mismatches in a vast genomic landscape. Nature Methods, 2010, 7, 492-492.	9.0	0
40	Made locally. Nature Methods, 2010, 7, 580-581.	9.0	0
41	Species collage. Nature Methods, 2010, 7, 872-872.	9.0	0
42	Neuroscience in a virtual world. Nature Methods, 2010, 7, 948-949.	9.0	0
43	Brains gone wild. Nature Methods, 2011, 8, 198-199.	9.0	0
44	Bacteria's puppeteers. Nature Methods, 2011, 8, 199-199.	9.0	0
45	Building a megabrain atlas. Nature Methods, 2011, 8, 290-290.	9.0	0
46	Speeding up RNAi. Nature Methods, 2011, 8, 374-374.	9.0	0
47	The genetic essence of our brains. Nature Methods, 2012, 9, 1044-1045.	9.0	0
48	Shaping the waves. Nature Methods, 2012, 9, 642-642.	9.0	0
49	Together we shine. Nature Methods, 2012, 9, 432-433.	9.0	0
50	When pathogens come in handy. Nature Methods, 2012, 9, 864-864.	9.0	0
51	Tagging newborn proteins: version 2.0. Nature Methods, 2012, 9, 1142-1142.	9.0	0
52	A technology for memory. Nature Methods, 2012, 9, 431-431.	9.0	0
53	Protein GPS. Nature Methods, 2013, 10, 696-697.	9.0	0
54	All-in-one optogenetics. Nature Methods, 2013, 10, 16-16.	9.0	0

#	Article	IF	Citations
55	A back door to the neuron. Nature Methods, 2013, 10, 190-190.	9.0	0
56	An enhanced view of the brain. Nature Methods, 2013, 10, 282-282.	9.0	0
57	Fly walk. Nature Methods, 2013, 10, 604-604.	9.0	0
58	Bring on the neuro tools. Nature Methods, 2014, 11, 28-28.	9.0	0
59	Knocking down Goliath. Nature Methods, 2014, 11, 232-232.	9.0	0
60	Unfolding to force. Nature Methods, 2014, 11, 6-6.	9.0	0
61	Intracellular mini-binders. Nature Methods, 2014, 11, 30-30.	9.0	0