

Erika Pastrana

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

3,270
citations

686830

13
h-index

301761

39
g-index

68
all docs

68
docs citations

68
times ranked

5959
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Generation of three-dimensional multiple spheroid model of olfactory ensheathing cells using floating liquid marbles. <i>Scientific Reports</i> , 2015, 5, 15083. | 1.6 | 113 |
| 2 | Low-Dose Curcumin Stimulates Proliferation, Migration and Phagocytic Activity of Olfactory Ensheathing Cells. <i>PLoS ONE</i> , 2014, 9, e111787. | 1.1 | 56 |
| 3 | Bring on the neuro tools. <i>Nature Methods</i> , 2014, 11, 28-28. | 9.0 | 0 |
| 4 | Knocking down Goliath. <i>Nature Methods</i> , 2014, 11, 232-232. | 9.0 | 0 |
| 5 | Unfolding to force. <i>Nature Methods</i> , 2014, 11, 6-6. | 9.0 | 0 |
| 6 | Prospective Identification and Purification of Quiescent Adult Neural Stem Cells from Their In Vivo Niche. <i>Neuron</i> , 2014, 82, 545-559. | 3.8 | 563 |
| 7 | A genetic handle on brain circuits. <i>Nature Methods</i> , 2014, 11, 128-128. | 9.0 | 2 |
| 8 | Intracellular mini-binders. <i>Nature Methods</i> , 2014, 11, 30-30. | 9.0 | 0 |
| 9 | Near-infrared probes. <i>Nature Methods</i> , 2013, 10, 36-36. | 9.0 | 15 |
| 10 | Protein GPS. <i>Nature Methods</i> , 2013, 10, 696-697. | 9.0 | 0 |
| 11 | Calcium sensors reach new heights. <i>Nature Methods</i> , 2013, 10, 824-824. | 9.0 | 3 |
| 12 | The developing human brainâ€™ modeled in a dish. <i>Nature Methods</i> , 2013, 10, 929-929. | 9.0 | 4 |
| 13 | All-in-one optogenetics. <i>Nature Methods</i> , 2013, 10, 16-16. | 9.0 | 0 |
| 14 | Volumetric imaging in a snapshot. <i>Nature Methods</i> , 2013, 10, 37-37. | 9.0 | 1 |
| 15 | Magnetic signaling control. <i>Nature Methods</i> , 2013, 10, 388-388. | 9.0 | 1 |
| 16 | A back door to the neuron. <i>Nature Methods</i> , 2013, 10, 190-190. | 9.0 | 0 |
| 17 | An enhanced view of the brain. <i>Nature Methods</i> , 2013, 10, 282-282. | 9.0 | 0 |
| 18 | Focus on Mapping the Brain. <i>Nature Methods</i> , 2013, 10, 481-481. | 9.0 | 13 |

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|----|---|-----|-----------|
| 19 | Light on genome function. Nature Methods, 2013, 10, 817-817. | 9.0 | 1 |
| 20 | Bessel beams beyond the limit. Nature Methods, 2013, 10, 102-102. | 9.0 | 9 |
| 21 | Fly walk. Nature Methods, 2013, 10, 604-604. | 9.0 | 0 |
| 22 | For every protein its tag. Nature Methods, 2012, 9, 941-941. | 9.0 | 1 |
| 23 | A handle on neurodegenerative disease complexity. Nature Methods, 2012, 9, 21-21. | 9.0 | 3 |
| 24 | A 'nano' era for electrophysiology. Nature Methods, 2012, 9, 321-321. | 9.0 | 2 |
| 25 | The genetic essence of our brains. Nature Methods, 2012, 9, 1044-1045. | 9.0 | 0 |
| 26 | Shaping the waves. Nature Methods, 2012, 9, 642-642. | 9.0 | 0 |
| 27 | Together we shine. Nature Methods, 2012, 9, 432-433. | 9.0 | 0 |
| 28 | When pathogens come in handy. Nature Methods, 2012, 9, 864-864. | 9.0 | 0 |
| 29 | The survival of the fittest. Nature Methods, 2012, 9, 16-16. | 9.0 | 7 |
| 30 | Tagging newborn proteins: version 2.0. Nature Methods, 2012, 9, 1142-1142. | 9.0 | 0 |
| 31 | Imaging life with thin sheets of light. Nature Methods, 2012, 9, 37-37. | 9.0 | 2 |
| 32 | Light-based electrophysiology. Nature Methods, 2012, 9, 38-38. | 9.0 | 7 |
| 33 | A technology for memory. Nature Methods, 2012, 9, 431-431. | 9.0 | 0 |
| 34 | Bearing the mark. Nature Methods, 2012, 9, 127-127. | 9.0 | 1 |
| 35 | 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 |
| 36 | Optogenetics: controlling cell function with light. Nature Methods, 2011, 8, 24-25. | 9.0 | 160 |

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|----|---|-----|-----------|
| 37 | Adaptive optics for biological imaging. Nature Methods, 2011, 8, 45-45. | 9.0 | 5 |
| 38 | Fast 3D super-resolution fluorescence microscopy. Nature Methods, 2011, 8, 46-46. | 9.0 | 9 |
| 39 | Rewiring cellular networks. Nature Methods, 2011, 8, 108-108. | 9.0 | 1 |
| 40 | Brains gone wild. Nature Methods, 2011, 8, 198-199. | 9.0 | 0 |
| 41 | Bacteria's puppeteers. Nature Methods, 2011, 8, 199-199. | 9.0 | 0 |
| 42 | Building a megabrain atlas. Nature Methods, 2011, 8, 290-290. | 9.0 | 0 |
| 43 | Brain function marries anatomy. Nature Methods, 2011, 8, 369-369. | 9.0 | 1 |
| 44 | Speeding up RNAi. Nature Methods, 2011, 8, 374-374. | 9.0 | 0 |
| 45 | Perfecting Chr2. Nature Methods, 2011, 8, 447-447. | 9.0 | 6 |
| 46 | Expression of plasminogen activator inhibitor-1 by olfactory ensheathing glia promotes axonal regeneration. Glia, 2011, 59, 1458-1471. | 2.5 | 19 |
| 47 | High-tech Petri dishes. Nature Methods, 2011, 8, 999-999. | 9.0 | 1 |
| 48 | Dopamine stimulation of postnatal murine subventricular zone neurogenesis via the D3 receptor. Journal of Neurochemistry, 2010, 114, 750-760. | 2.1 | 71 |
| 49 | Neurons light the way. Nature Methods, 2010, 7, 346-346. | 9.0 | 1 |
| 50 | Bound to the messenger. Nature Methods, 2010, 7, 423-423. | 9.0 | 0 |
| 51 | A toolset for the proficient geneticist. Nature Methods, 2010, 7, 488-488. | 9.0 | 5 |
| 52 | Searching for mismatches in a vast genomic landscape. Nature Methods, 2010, 7, 492-492. | 9.0 | 0 |
| 53 | Made locally. Nature Methods, 2010, 7, 580-581. | 9.0 | 0 |
| 54 | Reading cells from within. Nature Methods, 2010, 7, 780-781. | 9.0 | 1 |

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|----|--|-----|-----------|
| 55 | Species collage. Nature Methods, 2010, 7, 872-872. | 9.0 | 0 |
| 56 | Neuroscience in a virtual world. Nature Methods, 2010, 7, 948-949. | 9.0 | 0 |
| 57 | 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 |
| 58 | miR-124 regulates adult neurogenesis in the subventricular zone stem cell niche. Nature Neuroscience, 2009, 12, 399-408. | 7.1 | 902 |
| 59 | BDNF production by olfactory ensheathing cells contributes to axonal regeneration of cultured adult CNS neurons. Neurochemistry International, 2007, 50, 491-498. | 1.9 | 65 |
| 60 | 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 |
| 61 | 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 |