Erik J Plautz

List of Publications by Year
in descending order

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43 papers	3,767 citations	236925 25 h-index	302126 39 g-index
45 all docs	45 docs citations	45 times ranked	3827 citing authors

#	Article	IF	Citations
1	Reorganization of Ventral Premotor Cortex After Ischemic Brain Injury: Effects of Forced Use. Neurorehabilitation and Neural Repair, 2022, , 154596832211016.	2.9	2
2	Delayed diapedesis of CD8 T cells contributes to long-term pathology after ischemic stroke in male mice. Brain, Behavior, and Immunity, 2021, 95, 502-513.	4.1	26
3	Impaired meningeal lymphatic vessel development worsens stroke outcome. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, 263-275.	4.3	84
4	Short-Chain Fatty Acids Improve Poststroke Recovery via Immunological Mechanisms. Journal of Neuroscience, 2020, 40, 1162-1173.	3.6	199
5	B cells migrate into remote brain areas and support neurogenesis and functional recovery after focal stroke in mice. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 4983-4993.	7.1	83
6	Loss of Piccolo Function in Rats Induces Cerebellar Network Dysfunction and Pontocerebellar Hypoplasia Type 3-like Phenotypes. Journal of Neuroscience, 2020, 40, 2943-2959.	3.6	12
7	Visualization and Quantification of Post-stroke Neural Connectivity and Neuroinflammation Using Serial Two-Photon Tomography in the Whole Mouse Brain. Frontiers in Neuroscience, 2019, 13, 1055.	2.8	20
8	Abstract WP145: Modulating Astrogliosis to Promote Neuroprotection and Plasticity After Stroke. Stroke, 2019, 50, .	2.0	0
9	Abstract 131: Delayed Egress of CD8 T Cells Contributes to Long-Term Pathology After Ischemic Stroke in Mice. Stroke, 2019, 50, .	2.0	0
10	Selective Nonnuclear Estrogen Receptor Activation Decreases Stroke Severity and Promotes Functional Recovery in Female Mice. Endocrinology, 2018, 159, 3848-3859.	2.8	25
11	Abstract TP107: B cells Migrate to Remote Areas Supporting Functional Recovery After Stroke. Stroke, 2018, 49, .	2.0	0
12	Preconditioning-induced CXCL12 upregulation minimizes leukocyte infiltration after stroke in ischemia-tolerant mice. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 801-813.	4.3	37
13	Control of cerebral ischemia with magnetic nanoparticles. Nature Methods, 2017, 14, 160-166.	19.0	43
14	Involvement of aberrant cyclinâ€dependent kinase 5/p25 activity in experimental traumatic brain injury. Journal of Neurochemistry, 2016, 138, 317-327.	3.9	27
15	Physiologic Reelin does not play a strong role in protection against acute stroke. Journal of Cerebral Blood Flow and Metabolism, 2016, 36, 1295-1303.	4.3	7
16	Effects of Subdural Monopolar Cortical Stimulation Paired With Rehabilitative Training on Behavioral and Neurophysiological Recovery After Cortical Ischemic Stroke in Adult Squirrel Monkeys. Neurorehabilitation and Neural Repair, 2016, 30, 159-172.	2.9	17
17	Quantification of Neurovascular Protection Following Repetitive Hypoxic Preconditioning and Transient Middle Cerebral Artery Occlusion in Mice. Journal of Visualized Experiments, 2015, , e52675.	0.3	9
18	Effects of Postinfarct Myelin-Associated Glycoprotein Antibody Treatment on Motor Recovery and Motor Map Plasticity in Squirrel Monkeys. Stroke, 2015, 46, 1620-1625.	2.0	14

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19	Repetitive hypoxic preconditioning induces an immunosuppressed B cell phenotype during endogenous protection from stroke. Journal of Neuroinflammation, 2014, 11, 22.	7.2	54
20	Distal forelimb representations in primary motor cortex are redistributed after forelimb restriction: a longitudinal study in adult squirrel monkeys. Journal of Neurophysiology, 2013, 109, 1268-1282.	1.8	38
21	Combination of NEP 1-40 Treatment and Motor Training Enhances Behavioral Recovery After a Focal Cortical Infarct in Rats. Stroke, 2010, 41, 544-549.	2.0	88
22	A novel device to measure power grip forces in squirrel monkeys. Journal of Neuroscience Methods, 2009, 179, 264-270.	2.5	7
23	Neuronal HIF-1Î± Protein and VEGFR-2 Immunoreactivity in Functionally Related Motor Areas following a Focal M1 Infarct. Journal of Cerebral Blood Flow and Metabolism, 2008, 28, 612-620.	4.3	36
24	Early and Late Changes in the Distal Forelimb Representation of the Supplementary Motor Area After Injury to Frontal Motor Areas in the Squirrel Monkey. Journal of Neurophysiology, 2008, 100, 1498-1512.	1.8	68
25	Effects of a Rostral Motor Cortex Lesion on Primary Motor Cortex Hand Representation Topography in Primates. Neurorehabilitation and Neural Repair, 2007, 21, 51-61.	2.9	20
26	VEGF Protein Associates to Neurons in Remote Regions following Cortical Infarct. Journal of Cerebral Blood Flow and Metabolism, 2007, 27, 76-85.	4.3	53
27	A stretch reflex in extraocular muscles of species purportedly lacking muscle spindles. Experimental Brain Research, 2007, 180, 15-21.	1.5	21
28	Effects of Small Ischemic Lesions in the Primary Motor Cortex on Neurophysiological Organization in Ventral Premotor Cortex. Journal of Neurophysiology, 2006, 96, 3506-3511.	1.8	93
29	Topographically Divergent and Convergent Connectivity between Premotor and Primary Motor Cortex. Cerebral Cortex, 2006, 16, 1057-1068.	2.9	61
30	Behavioral and neurophysiological effects of delayed training following a small ischemic infarct in primary motor cortex of squirrel monkeys. Experimental Brain Research, 2006, 169, 106-116.	1.5	84
31	Ipsilateral connections of the ventral premotor cortex in a new world primate. Journal of Comparative Neurology, 2006, 495, 374-390.	1.6	66
32	A Single Injection of d-Amphetamine Facilitates Improvements in Motor Training Following a Focal Cortical Infarct in Squirrel Monkeys. Neurorehabilitation and Neural Repair, 2006, 20, 455-458.	2.9	38
33	Dissociation of Sensorimotor Deficits After Rostral Versus Caudal Lesions in the Primary Motor Cortex Hand Representation. Journal of Neurophysiology, 2005, 94, 1312-1324.	1.8	46
34	Neural Plasticity And Functional Recovery Following Cortical Ischemic Injury. , 2005, 2005, 4145-8.		5
35	Extensive Cortical Rewiring after Brain Injury. Journal of Neuroscience, 2005, 25, 10167-10179.	3.6	626
36	In Search of the Motor Engram: Motor Map Plasticity as a Mechanism for Encoding Motor Experience. Neuroscientist, 2005, 11, 471-483.	3.5	243

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37	A Squirrel Monkey Model of Poststroke Motor Recovery. ILAR Journal, 2003, 44, 161-174.	1.8	58
38	Post-infarct cortical plasticity and behavioral recovery using concurrent cortical stimulation and rehabilitative training: A feasibility study in primates. Neurological Research, 2003, 25, 801-810.	1.3	269
39	Role of adaptive plasticity in recovery of function after damage to motor cortex. Muscle and Nerve, 2001, 24, 1000-1019.	2.2	482
40	Factors Contributing to Motor Impairment and Recovery after Stroke. Neurorehabilitation and Neural Repair, 2000, 14, 301-310.	2.9	18
41	Somatosensory and motor representations in cerebral cortex of a primitive mammal (Monodelphis) Tj ETQq1 1 0.784314 rgBT /Overlock		61
42	Effects of Repetitive Motor Training on Movement Representations in Adult Squirrel Monkeys: Role of Use versus Learning. Neurobiology of Learning and Memory, 2000, 74, 27-55.	1.9	551
43	Adaptive Plasticity in Primate Motor Cortex as a Consequence of Behavioral Experience and Neuronal Injury. Seminars in Neuroscience, 1997, 9, 13-23.	2.2	72