Daniela Kaufer

List of Publications by Year
in descending order

67 papers	7,842 citations	126708 33 h-index	174990 52 g-index
82 all docs	82 docs citations	82 times ranked	9590 citing authors

#	Article	IF	Citations
1	Concussion susceptibility is mediated by spreading depolarization-induced neurovascular dysfunction. Brain, 2022, 145, 2049-2063.	3.7	8
2	Neural activation associated with outgroup helping in adolescent rats. IScience, 2022, 25, 104412.	1.9	5
3	Bloodâ€“Brain Barrier Dysfunction and Astrocyte Senescence as Reciprocal Drivers of Neuropathology in Aging. International Journal of Molecular Sciences, 2022, 23, 6217.	1.8	19
4	Hormonal Regulation of Oligodendrogenesis I: Effects across the Lifespan. Biomolecules, 2021, 11, 283.	1.8	18
5	Hormonal Regulation of Oligodendrogenesis II: Implications for Myelin Repair. Biomolecules, 2021, 11, 290.	1.8	15
6	Juvenile exposure to acute traumatic stress leads to long-lasting alterations in grey matter myelination in adult female but not male rats. Neurobiology of Stress, 2021, 14, 100319.	1.9	15
7	Neural correlates of ingroup bias for prosociality in rats. ELife, 2021, 10, .	2.8	33
8	Brainstem and Cortical Spreading Depolarization in a Closed Head Injury Rat Model. International Journal of Molecular Sciences, 2021, 22, 11642.	1.8	7
9	Quand le bouclier du cerveau se fissureâ€¦ , 2021, NÂ° 137, 16-23.		0
10	Regional gray matter oligodendrocyte- and myelin-related measures are associated with differential susceptibility to stress-induced behavior in rats and humans. Translational Psychiatry, 2021, 11, 631.	2.4	16
11	Slow blood-to-brain transport underlies enduring barrier dysfunction in American football players. Brain, 2020, 143, 1826-1842.	3.7	42
12	Critical period regulation across multiple timescales. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 23242-23251.	3.3	250
13	Bloodâ€brain barrier dysfunction in canine epileptic seizures detected by dynamic contrastâ€enhanced magnetic resonance imaging. Epilepsia, 2019, 60, 1005-1016.	2.6	17
14	Paroxysmal slow cortical activity in Alzheimerâ€™s disease and epilepsy is associated with blood-brain barrier dysfunction. Science Translational Medicine, 2019, 11, .	5.8	69
15	Blood-brain barrier dysfunction in aging induces hyperactivation of TGFÎ² signaling and chronic yet reversible neural dysfunction. Science Translational Medicine, 2019, 11, .	5.8	157
16	Concussion, microvascular injury, and early tauopathy in young athletes after impact head injury and an impact concussion mouse model. Brain, 2018, 141, 422-458.	3.7	315
17	Epileptiform activity and spreading depolarization in the bloodâ€“brain barrier-disrupted peri-infarct hippocampus are associated with impaired GABAergic inhibition and synaptic plasticity. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 1803-1819.	2.4	28
18	Imaging bloodâ€“brain barrier dysfunction as a biomarker for epileptogenesis. Brain, 2017, 140, 1692-1705.	3.7	95

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19	Neural Versus Gonadal GnIH: Are they Independent Systems? A Mini-Review. Integrative and Comparative Biology, 2017, 57, 1194-1203.	0.9	26
20	TGFÎ² signaling is associated with changes in inflammatory gene expression and perineuronal net degradation around inhibitory neurons following various neurological insults. Scientific Reports, 2017, 7, 7711.	1.6	89
21	Neuroinflammatory targets and treatments for epilepsy validated in experimental models. Epilepsia, 2017, 58, 27-38.	2.6	131
22	Bloodâ€“Brain Barrier Disruption. , 2017, , 951-959.		2
23	The Role of RFamide-Related Peptide-3 in Age-Related Reproductive Decline in Female Rats. Frontiers in Endocrinology, 2016, 7, 71.	1.5	5
24	A potential role for gliaâ€derived extracellular matrix remodeling in postinjury epilepsy. Journal of Neuroscience Research, 2016, 94, 794-803.	1.3	33
25	Moderate Stress-Induced Social Bonding and Oxytocin Signaling are Disrupted by Predator Odor in Male Rats. Neuropsychopharmacology, 2016, 41, 2160-2170.	2.8	35
26	Preliminary Evidence of Increased Hippocampal Myelin Content in Veterans with Posttraumatic Stress Disorder. Frontiers in Behavioral Neuroscience, 2015, 9, 333.	1.0	40
27	Stress, social behavior, and resilience: Insights from rodents. Neurobiology of Stress, 2015, 1, 116-127.	1.9	280
28	Bloodâ€“brain barrier in health and disease. Seminars in Cell and Developmental Biology, 2015, 38, 1.	2.3	21
29	Albumin induces excitatory synaptogenesis through astrocytic TGF-Î²/ALK5 signaling in a model of acquired epilepsy following bloodâ€“brain barrier dysfunction. Neurobiology of Disease, 2015, 78, 115-125.	2.1	213
30	Knockdown of hypothalamic RFRP3 prevents chronic stress-induced infertility and embryo resorption. ELife, 2015, 4, .	2.8	59
31	Should losartan be administered following brain injury?. Expert Review of Neurotherapeutics, 2014, 14, 1365-1375.	1.4	39
32	Stress and glucocorticoids promote oligodendrogenesis in the adult hippocampus. Molecular Psychiatry, 2014, 19, 1275-1283.	4.1	175
33	Restoring Visual Function to Blind Mice with a Photoswitch that Exploits Electrophysiological Remodeling of Retinal Ganglion Cells. Neuron, 2014, 81, 800-813.	3.8	165
34	Losartan prevents acquired epilepsy via TGFâ€Î² signaling suppression. Annals of Neurology, 2014, 75, 864-875.	2.8	216
35	Acute stress enhances adult rat hippocampal neurogenesis and activation of newborn neurons via secreted astrocytic FGF2. ELife, 2013, 2, e00362.	2.8	167
36	Plasma acetylcholinesterase activity correlates with intracerebral Î²-amyloid load. Current Alzheimer Research, 2013, 10, 48-56.	0.7	24

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37	Bloodâ€“brain barrier dysfunctionâ€“induced inflammatory signaling in brain pathology and epileptogenesis. Epilepsia, 2012, 53, 37-44.	2.6	111
38	Bloodâ€brain barrier dysfunction, TGFÎ² signaling, and astrocyte dysfunction in epilepsy. Glia, 2012, 60, 1251-1257.	2.5	210
39	Bloodâ€“brain barrier breakdown as a therapeutic target in traumatic brain injury. Nature Reviews Neurology, 2010, 6, 393-403.	4.9	723
40	Changes in Brain MicroRNAs Contribute to Cholinergic Stress Reactions. Journal of Molecular Neuroscience, 2010, 40, 47-55.	1.1	186
41	Astrocytic Dysfunction in Epileptogenesis: Consequence of Altered Potassium and Glutamate Homeostasis?. Journal of Neuroscience, 2009, 29, 10588-10599.	1.7	262
42	Stress increases putative gonadotropin inhibitory hormone and decreases luteinizing hormone in male rats. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 11324-11329.	3.3	318
43	Bloodâ€“brain barrier breakdown-inducing astrocytic transformation: Novel targets for the prevention of epilepsy. Epilepsy Research, 2009, 85, 142-149.	0.8	238
44	Transcriptome Profiling Reveals TGF-Â Signaling Involvement in Epileptogenesis. Journal of Neuroscience, 2009, 29, 8927-8935.	1.7	317
45	Evidence for the Mitochondrial Lactate Oxidation Complex in Rat Neurons: Demonstration of an Essential Component of Brain Lactate Shuttles. PLoS ONE, 2008, 3, e2915.	1.1	157
46	TGF-Â receptor-mediated albumin uptake into astrocytes is involved in neocortical epileptogenesis. Brain, 2007, 130, 535-547.	3.7	490
47	Potassium channel gene therapy can prevent neuron death resulting from necrotic and apoptotic insults. Journal of Neurochemistry, 2003, 86, 1079-1088.	2.1	37
48	VEGF is necessary for exercise-induced adult hippocampal neurogenesis. European Journal of Neuroscience, 2003, 18, 2803-2812.	1.2	693
49	Alternative Splicing and Neuritic mRNA Translocation Under Long-Term Neuronal Hypersensitivity. Science, 2002, 295, 508-512.	6.0	220
50	Frequent blood-brain barrier disruption in the human cerebral cortex. Cellular and Molecular Neurobiology, 2001, 21, 675-691.	1.7	87
51	Review : The Vicious Circle of Stress and Anticholinesterase Responses. Neuroscientist, 1999, 5, 173-183.	2.6	17
52	Tracking cholinergic pathways from psychological and chemical stressors to variable neurodeterioration paradigms. Current Opinion in Neurology, 1999, 12, 739-743.	1.8	25
53	Acute stress facilitates long-lasting changes in cholinergic gene expression. Nature, 1998, 393, 373-377.	13.7	567
54	Less stress â€” more pressure?. Nature Medicine, 1997, 3, 366-366.	15.2	0

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55	Pyridostigmine brain penetration under stress enhances neuronal excitability and induces early immediate transcriptional response. Nature Medicine, 1996, 2, 1382-1385.	15.2	339
56	Stress Effects on Immunity in Vertebrates and Invertebrates. , 0, , 207-227.		1
57	Contribution of Early Life Stress to Anxiety Disorder. , 0, , 189-205.		2
58	Catecholamines and Stress. , 0, , 19-35.		2
59	Individual Differences in Reactivity to Social Stress in the Laboratory and Its Mediation by Common Genetic Polymorphisms. , 0, , 93-116.		1
60	As We Age, The â€œShieldâ€•That Protects the Brain Gets Leaky. Frontiers for Young Minds, 0, 8, .	0.8	0
61	Immunity to Self Maintains Resistance to Mental Stress: Boosting Immunity as a Complement to Psychological Therapy. , 0, , 229-242.		0
62	Brain Interleukin-1 (IL-1) Mediates Stress-Induced Alterations in HPA Activation, Memory Functioning and Neural Plasticity. , 0, , 243-260.		0
63	Stress and Neurodegeneration: Adding Insult to Injury?. , 0, , 297-316.		0
64	Stress and Neurotransmission: Clinical Evidence and Therapeutic Implications. , 0, , 317-330.		0
65	Metabolic Components of Neuroendocrine Allostatic Responses: Implications in Lifestyle-Related Diseases. , 0, , 331-347.		0
66	Stress and the Cholinergic System. , 0, , 37-51.		0
67	Corticotropin-Releasing Factor (CRF) and CRF-Related Peptides- a Linkage Between Stress and Anxiety. , 0, , 151-165.		1