Susan D Croll

List of Publications by Year
in descending order

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30 papers	5,957 citations	279487 23 h-index	454577 30 g-index
30 all docs	30 docs citations	30 times ranked	7454 citing authors

#	Article	IF	Citations
1	Pharmacological inhibition of NPY receptors illustrates dissociable features of experimental colitis in the mouse DSS model: Implications for preclinical evaluation of efficacy in an inflammatory bowel disease model. PLoS ONE, 2019, 14, e0220156.	1.1	8
2	VEGF treatment during status epilepticus attenuates long-term seizure-associated alterations in astrocyte morphology. Epilepsy and Behavior, 2017, 70, 33-44.	0.9	11
3	Behavioral and Neuroanatomical Abnormalities in Pleiotrophin Knockout Mice. PLoS ONE, 2014, 9, e100597.	1.1	12
4	Conditionals by inversion provide a universal method for the generation of conditional alleles. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E3179-88.	3.3	64
5	Numinous-like auras and spirituality in persons with partial seizures. Epilepsia, 2011, 52, 640-644.	2.6	42
6	Vascular endothelial growth factor attenuates status epilepticus-induced behavioral impairments in rats. Epilepsy and Behavior, 2010, 19, 272-277.	0.9	33
7	Demonstrating cerebral vascular networks: a comparison of methods for the teaching laboratory. Journal of Undergraduate Neuroscience Education: JUNE: A Publication of FUN, Faculty for Undergraduate Neuroscience, 2008, 6, A53-9.	0.6	6
8	Dexamethasone Treatment and ICAM-1 Deficiency Impair VEGF-Induced Angiogenesis in Adult Brain. Journal of Vascular Research, 2007, 44, 283-291.	0.6	28
9	Mice genetically deficient in neuromedin U receptor 2, but not neuromedin U receptor 1, have impaired nociceptive responses. Pain, 2007, 130, 267-278.	2.0	37
10	BDNF: A missing link between sympathetic dysfunction and inflammatory disease?. Journal of Neuroimmunology, 2006, 175, 118-127.	1.1	23
11	Depression of Synaptic Transmission by Vascular Endothelial Growth Factor in Adult Rat Hippocampus and Evidence for Increased Efficacy after Chronic Seizures. Journal of Neuroscience, 2005, 25, 8889-8897.	1.7	117
12	Increased neurogenesis and the ectopic granule cells after intrahippocampal BDNF infusion in adult rats. Experimental Neurology, 2005, 192, 348-356.	2.0	598
13	Continuous exposure to brain-derived neurotrophic factor is required for persistent activation of TrkB receptor, the ERK signaling pathway, and the induction of neuropeptide Y production in cortical cultures. Brain Research, 2004, 1020, 106-117.	1.1	20
14	VEGF-mediated inflammation precedes angiogenesis in adult brain. Experimental Neurology, 2004, 187, 388-402.	2.0	164
15	Vascular Endothelial Growth Factor (VEGF) in Seizures:. Advances in Experimental Medicine and Biology, 2004, 548, 57-68.	0.8	135
16	Spontaneous Limbic Seizures after Intrahippocampal Infusion of Brain-Derived Neurotrophic Factor. Experimental Neurology, 2002, 174, 201-214.	2.0	179
17	VEGF-Trap: A VEGF blocker with potent antitumor effects. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 11393-11398.	3.3	1,572
18	Brain-Derived Neurotrophic Factor Triggers Transcription-Dependent, Late Phase Long-Term PotentiationIn Vivo. Journal of Neuroscience, 2002, 22, 7453-7461.	1.7	279

#	Article	IF	Citations
19	BDNF and epilepsy: too much of a good thing?. Trends in Neurosciences, 2001, 24, 47-53.	4.2	401
20	Response: BDNF and epilepsy â€“ the bad could turn out to be good. Trends in Neurosciences, 2001, 24, 319.	4.2	2
21	Performance of heterozygous brain-derived neurotrophic factor knockout mice on behavioral analogues of anxiety, nociception, and depression.. Behavioral Neuroscience, 2001, 115, 1145-1153.	0.6	200
22	Vascular Growth Factors in Cerebral Ischemia. Molecular Neurobiology, 2001, 23, 121-136.	1.9	75
23	Ephrin-B3 is the midline barrier that prevents corticospinal tract axons from recrossing, allowing for unilateral motor control. Genes and Development, 2001, 15, 877-888.	2.7	228
24	Angiopoietin-1 protects the adult vasculature against plasma leakage. Nature Medicine, 2000, 6, 460-463.	15.2	1,172
25	Peptide Immunoreactivity in Aged Rat Cortex and Hippocampus as a Function of Memory and BDNF Infusion. Pharmacology Biochemistry and Behavior, 1999, 64, 625-635.	1.3	34
26	Expression of BDNF and trkB as a function of age and cognitive performance. Brain Research, 1998, 812, 200-208.	1.1	169
27	Co-infusion with a TrkB-Fc Receptor Body Carrier Enhances BDNF Distribution in the Adult Rat Brain. Experimental Neurology, 1998, 152, 20-33.	2.0	54
28	Cortical spreading depression induces long-term alterations of BDNF levels in cortex and hippocampus distinct from lesion effects: implications for ischemic tolerance. Neuroscience Research, 1997, 29, 37-47.	1.0	83
29	Regulation of Neuropeptides in Adult Rat Forebrain by the Neurotrophins BDNF and NGF. European Journal of Neuroscience, 1994, 6, 1343-1353.	1.2	202
30	Evidence for NMDA receptor involvement in environmentally induced dentate gyrus plasticity. Hippocampus, 1992, 2, 23-28.	0.9	9