

Susan D Croll

List of Publications by Year in descending order

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Version: 2024-02-01

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	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
2	Angiotensin-1 protects the adult vasculature against plasma leakage. Nature Medicine, 2000, 6, 460-463.	15.2	1,172
3	Increased neurogenesis and the ectopic granule cells after intrahippocampal BDNF infusion in adult rats. Experimental Neurology, 2005, 192, 348-356.	2.0	598
4	BDNF and epilepsy: too much of a good thing?. Trends in Neurosciences, 2001, 24, 47-53.	4.2	401
5	Brain-Derived Neurotrophic Factor Triggers Transcription-Dependent, Late Phase Long-Term Potentiation <i>In Vivo</i> . Journal of Neuroscience, 2002, 22, 7453-7461.	1.7	279
6	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
7	Regulation of Neuropeptides in Adult Rat Forebrain by the Neurotrophins BDNF and NGF. European Journal of Neuroscience, 1994, 6, 1343-1353.	1.2	202
8	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
9	Spontaneous Limbic Seizures after Intrahippocampal Infusion of Brain-Derived Neurotrophic Factor. Experimental Neurology, 2002, 174, 201-214.	2.0	179
10	Expression of BDNF and trkB as a function of age and cognitive performance. Brain Research, 1998, 812, 200-208.	1.1	169
11	VEGF-mediated inflammation precedes angiogenesis in adult brain. Experimental Neurology, 2004, 187, 388-402.	2.0	164
12	Vascular Endothelial Growth Factor (VEGF) in Seizures.. Advances in Experimental Medicine and Biology, 2004, 548, 57-68.	0.8	135
13	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
14	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
15	Vascular Growth Factors in Cerebral Ischemia. Molecular Neurobiology, 2001, 23, 121-136.	1.9	75
16	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
17	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
18	Numinous-like auras and spirituality in persons with partial seizures. Epilepsia, 2011, 52, 640-644.	2.6	42

#	ARTICLE	IF	CITATIONS
19	Mice genetically deficient in neuromedin U receptor 2, but not neuromedin U receptor 1, have impaired nociceptive responses. <i>Pain</i> , 2007, 130, 267-278.	2.0	37
20	Peptide Immunoreactivity in Aged Rat Cortex and Hippocampus as a Function of Memory and BDNF Infusion. <i>Pharmacology Biochemistry and Behavior</i> , 1999, 64, 625-635.	1.3	34
21	Vascular endothelial growth factor attenuates status epilepticus-induced behavioral impairments in rats. <i>Epilepsy and Behavior</i> , 2010, 19, 272-277.	0.9	33
22	Dexamethasone Treatment and ICAM-1 Deficiency Impair VEGF-Induced Angiogenesis in Adult Brain. <i>Journal of Vascular Research</i> , 2007, 44, 283-291.	0.6	28
23	BDNF: A missing link between sympathetic dysfunction and inflammatory disease?. <i>Journal of Neuroimmunology</i> , 2006, 175, 118-127.	1.1	23
24	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. <i>Brain Research</i> , 2004, 1020, 106-117.	1.1	20
25	Behavioral and Neuroanatomical Abnormalities in Pleiotrophin Knockout Mice. <i>PLoS ONE</i> , 2014, 9, e100597.	1.1	12
26	VEGF treatment during status epilepticus attenuates long-term seizure-associated alterations in astrocyte morphology. <i>Epilepsy and Behavior</i> , 2017, 70, 33-44.	0.9	11
27	Evidence for NMDA receptor involvement in environmentally induced dentate gyrus plasticity. <i>Hippocampus</i> , 1992, 2, 23-28.	0.9	9
28	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. <i>PLoS ONE</i> , 2019, 14, e0220156.	1.1	8
29	Demonstrating cerebral vascular networks: a comparison of methods for the teaching laboratory. <i>Journal of Undergraduate Neuroscience Education: JUNE: A Publication of FUN, Faculty for Undergraduate Neuroscience</i> , 2008, 6, A53-9.	0.6	6
30	Response: BDNF and epilepsy – the bad could turn out to be good. <i>Trends in Neurosciences</i> , 2001, 24, 319.	4.2	2