Susan L Andersen

List of Publications by Year
in descending order

80 papers	11,149 citations	61984 43 h-index	64796 79 g-index
81 all docs	81 docs citations	81 times ranked	9893 citing authors

#	Article	IF	Citations
1	Trajectories of brain development: point of vulnerability or window of opportunity?. Neuroscience and Biobehavioral Reviews, 2003, 27, 3-18.	6.1	1,292
2	The neurobiological consequences of early stress and childhood maltreatment. Neuroscience and Biobehavioral Reviews, 2003, 27, 33-44.	6.1	1,193
3	Stress, sensitive periods and maturational events in adolescent depression. Trends in Neurosciences, 2008, 31, 183-191.	8.6	794
4	Preliminary Evidence for Sensitive Periods in the Effect of Childhood Sexual Abuse on Regional Brain Development. Journal of Neuropsychiatry and Clinical Neurosciences, 2008, 20, 292-301.	1.8	574
5	Developmental neurobiology of childhood stress and trauma. Psychiatric Clinics of North America, 2002, 25, 397-426.	1.3	481
6	Evidence for dopamine receptor pruning between adolescence and adulthood in striatum but not nucleus accumbens. Developmental Brain Research, 1995, 89, 167-172.	1.7	436
7	Dopamine receptor pruning in prefrontal cortex during the periadolescent period in rats. Synapse, 2000, 37, 167-169.	1.2	418
8	Childhood neglect is associated with reduced corpus callosum area. Biological Psychiatry, 2004, 56, 80-85.	1.3	407
9	Neurobiological Consequences of Early Stress and Childhood Maltreatment: Are Results from Human and Animal Studies Comparable?. Annals of the New York Academy of Sciences, 2006, 1071, 313-323.	3.8	319
10	Sex differences in dopamine receptor overproduction and elimination. NeuroReport, 1997, 8, 1495-1497.	1.2	296
11	Developmental trajectories during adolescence in males and females: A cross-species understanding of underlying brain changes. Neuroscience and Biobehavioral Reviews, 2011, 35, 1687-1703.	6.1	290
12	Desperately driven and no brakes: Developmental stress exposure and subsequent risk for substance abuse. Neuroscience and Biobehavioral Reviews, 2009, 33, 516-524.	6.1	287
13	Delayed Effects of Early Stress on Hippocampal Development. Neuropsychopharmacology, 2004, 29, 1988-1993.	5.4	275
14	Altered responsiveness to cocaine in rats exposed to methylphenidate during development. Nature Neuroscience, 2002, 5, 13-14.	14.8	251
15	Transient D₁Dopamine Receptor Expression on Prefrontal Cortex Projection Neurons: Relationship to Enhanced Motivational Salience of Drug Cues in Adolescence. Journal of Neuroscience, 2008, 28, 2375-2382.	3.6	249
16	Sensitive periods of substance abuse: Early risk for the transition to dependence. Developmental Cognitive Neuroscience, 2017, 25, 29-44.	4.0	246
17	Enduring behavioral effects of early exposure to methylphenidate in rats. Biological Psychiatry, 2003, 54, 1330-1337.	1.3	225
18	Neurobiology of the development of motivated behaviors in adolescence: A window into a neural systems model. Pharmacology Biochemistry and Behavior, 2009, 93, 199-211.	2.9	208

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19	Is adolescence a sensitive period for depression? Behavioral and neuroanatomical findings from a social stress model. Synapse, 2008, 62, 22-30.	1.2	174
20	Stimulants and the developing brain. Trends in Pharmacological Sciences, 2005, 26, 237-243.	8.7	155
21	Delayed extinction and stronger reinstatement of cocaine conditioned place preference in adolescent rats, compared to adults.. Behavioral Neuroscience, 2008, 122, 460-465.	1.2	137
22	Pubertal changes in gonadal hormones do not underlie adolescent dopamine receptor overproduction. Psychoneuroendocrinology, 2002, 27, 683-691.	2.7	126
23	Altering the course of neurodevelopment: a framework for understanding the enduring effects of psychotropic drugs. International Journal of Developmental Neuroscience, 2004, 22, 423-440.	1.6	114
24	Nonsteroidal Anti-Inflammatory Treatment Prevents Delayed Effects of Early Life Stress in Rats. Biological Psychiatry, 2011, 70, 434-440.	1.3	109
25	Exposure to early adversity: Points of cross-species translation that can lead to improved understanding of depression. Development and Psychopathology, 2015, 27, 477-491.	2.3	99
26	Regulation of Working Memory by Dopamine D4 Receptor in Rats. Neuropsychopharmacology, 2004, 29, 1648-1655.	5.4	98
27	Serotonin laterality in amygdala predicts performance in the elevated plus maze in rats. NeuroReport, 1999, 10, 3497-3500.	1.2	89
28	Mapping dopamine D2/D3 receptor function using pharmacological magnetic resonance imaging. Psychopharmacology, 2005, 180, 705-715.	3.1	84
29	Early developmental exposure to methylphenidate reduces cocaine-induced potentiation of brain stimulation reward in rats. Biological Psychiatry, 2005, 57, 120-125.	1.3	81
30	Depressive-Like Behavior in Adolescents after Maternal Separation: Sex Differences, Controllability, and GABA. Developmental Neuroscience, 2012, 34, 210-217.	2.0	81
31	Length of Time Between Onset of Childhood Sexual Abuse and Emergence of Depression in a Young Adult Sample. Journal of Clinical Psychiatry, 2009, 70, 684-691.	2.2	80
32	The enduring effects of an adolescent social stressor on synaptic density, part II: Poststress reversal of synaptic loss in the cortex by adinazolam and MKâ€801. Synapse, 2008, 62, 185-192.	1.2	78
33	The Ontogeny of Apomorphine-Induced Alterations of Neostriatal Dopamine Release: Effects on Spontaneous Release. Journal of Neurochemistry, 1993, 61, 2247-2255.	3.9	74
34	Changes in the second messenger cyclic AMP during development may underlie motoric symptoms in attention deficit/hyperactivity disorder (ADHD). Behavioural Brain Research, 2002, 130, 197-201.	2.2	73
35	Evidence for a neuroinflammatory mechanism in delayed effects of early life adversity in rats: Relationship to cortical NMDA receptor expression. Brain, Behavior, and Immunity, 2013, 28, 218-226.	4.1	72
36	Experience during adolescence shapes brain development: From synapses and networks to normal and pathological behavior. Neurotoxicology and Teratology, 2019, 76, 106834.	2.4	66

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37	Early Life Adversity Alters the Developmental Profiles of Addiction-Related Prefrontal Cortex Circuitry. Brain Sciences, 2013, 3, 143-158.	2.3	61
38	A Novel, Multiple Symptom Model of Obsessive-Compulsive-Like Behaviors in Animals. Biological Psychiatry, 2010, 68, 741-747.	1.3	57
39	Pharmacologic Neuroimaging of the Ontogeny of Dopamine Receptor Function. Developmental Neuroscience, 2010, 32, 125-138.	2.0	55
40	Viral over-expression of D1 dopamine receptors in the prefrontal cortex increase high-risk behaviors in adults: Comparison with adolescents. Psychopharmacology, 2014, 231, 1615-1626.	3.1	55
41	Reducing substance use during adolescence: a translational framework for prevention. Psychopharmacology, 2014, 231, 1437-1453.	3.1	53
42	Maturational increases inc-fos expression in the ascending dopamine systems. Synapse, 2001, 41, 345-350.	1.2	52
43	Abnormal behavioral and neurotrophic development in the younger sibling receiving less maternal care in a communal nursing paradigm in rats. Psychoneuroendocrinology, 2010, 35, 392-402.	2.7	52
44	Stress, sensitive periods, and substance abuse. Neurobiology of Stress, 2019, 10, 100140.	4.0	47
45	Juvenile methylphenidate reduces prefrontal cortex plasticity via D3 receptor and BDNF in adulthood. Frontiers in Synaptic Neuroscience, 2014, 6, 1.	2.5	46
46	Juvenile methylphenidate modulates rewardâ€related behaviors and cerebral blood flow by decreasing cortical D3 receptors. European Journal of Neuroscience, 2008, 27, 2962-2972.	2.6	43
47	Differences in behavior and monoamine laterality following neonatal clomipramine treatment. Developmental Psychobiology, 2002, 41, 50-57.	1.6	38
48	Rate Dependency Revisited: Understanding the Effects of Methylphenidate in Children with Attention Deficit Hyperactivity Disorder. Journal of Child and Adolescent Psychopharmacology, 2003, 13, 41-51.	1.3	37
49	Degree of neuronal activation following FG-7142 changes across regions during development. Developmental Brain Research, 1999, 116, 201-203.	1.7	36
50	Annual Research Review: New frontiers in developmental neuropharmacology: can longâ€term therapeutic effects of drugs be optimized through carefully timed early intervention?. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2011, 52, 476-503.	5.2	35
51	The developmental interâ€relationships between activity, novelty preferences, and delay discounting in male and female rats. Developmental Psychobiology, 2016, 58, 231-242.	1.6	33
52	Early life stress and later peer distress on depressive behavior in adolescent female rats: Effects of a novel intervention on GABA and D2 receptors. Behavioural Brain Research, 2017, 330, 37-45.	2.2	33
53	Determination of hemispheric emotional valence in individual subjects: A new approach with research and therapeutic implications. Behavioral and Brain Functions, 2007, 3, 13.	3.3	32
54	Commentary on the special issue on the adolescent brain: Adolescence, trajectories, and the importance of prevention. Neuroscience and Biobehavioral Reviews, 2016, 70, 329-333.	6.1	26

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55	Sex differences in the ontogeny of CRF receptors during adolescent development in the dorsal raphe nucleus and ventral tegmental area. Synapse, 2016, 70, 125-132.	1.2	25
56	When the party is over: depressive-like states in rats following termination of cortical D1 receptor overexpression. Psychopharmacology, 2016, 233, 1191-1201.	3.1	24
57	The development of D2 autoreceptor-mediated modulation of K+-evoked dopamine release in the neostriatum. Developmental Brain Research, 1994, 78, 123-130.	1.7	23
58	Developmental emergence of an obsessive-compulsive phenotype and binge behavior in rats. Psychopharmacology, 2015, 232, 3173-3181.	3.1	23
59	Juvenile Methylphenidate Exposure and Factors That Influence Incentive Processing. Developmental Neuroscience, 2009, 31, 95-106.	2.0	22
60	Sex-dependent changes in ADHD-like behaviors in juvenile rats following cortical dopamine depletion. Behavioural Brain Research, 2014, 270, 357-363.	2.2	21
61	Neuroinflammation, Early-Life Adversity, and Brain Development. Harvard Review of Psychiatry, 2022, 30, 24-39.	2.1	19
62	This is your teen brain on drugs: In search of biological factors unique to dependence toxicity in adolescence. Neurotoxicology and Teratology, 2020, 81, 106916.	2.4	17
63	Calcium Dependency and Tetrodotoxin Sensitivity of Neostriatal Dopamine Release in 5â€Dayâ€Old and Adult Rats as Measured by In Vivo Microdialysis. Journal of Neurochemistry, 1994, 62, 1741-1749.	3.9	15
64	Juvenile exposure to methylphenidate and guanfacine in rats: effects on early delay discounting and later cocaine-taking behavior. Psychopharmacology, 2019, 236, 685-698.	3.1	13
65	The ontogeny of apomorphine-induced alterations of neostriatal dopamine release: Effects on potassium-evoked release. Neurochemical Research, 1994, 19, 339-345.	3.3	12
66	The developing prefrontal cortex: Is there a transient interneuron that stimulates catecholamine terminals?. , 1998, 29, 89-91.		12
67	Sluggish cognitive tempo and exposure to interpersonal trauma in children. Anxiety, Stress and Coping, 2020, 33, 100-114.	2.9	12
68	Effects of (â^')-Sulpiride on Dopamine Release in Striatum of Developing Rats: Degree of Depolarization Influences Responsiveness. Journal of Neurochemistry, 2002, 67, 1931-1937.	3.9	11
69	Extinction and reinstatement to cocaine-associated cues in male and female juvenile rats and the role of D1 dopamine receptor. Neuropharmacology, 2015, 95, 22-28.	4.1	11
70	Working memory and salivary brainâ€derived neurotrophic factor as developmental predictors of cocaine seeking in male and female rats. Addiction Biology, 2018, 23, 868-879.	2.6	11
71	Cocaine-conditioned odor cues without chronic exposure: Implications for the development of addiction vulnerability. NeuroImage: Clinical, 2015, 8, 652-659.	2.7	10
72	Anhedonic behavior and Î³-amino butyric acid during a sensitive period in female rats exposed to early adversity. Journal of Psychiatric Research, 2018, 100, 8-15.	3.1	9

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73	Development of an affordable hi-resolution activity monitor system for laboratory animals. Pharmacology Biochemistry and Behavior, 1996, 54, 479-483.	2.9	8
74	Preventative treatment in an animal model of ADHD: Behavioral and biochemical effects of methylphenidate and its interactions with ovarian hormones in female rats. European Neuropsychopharmacology, 2016, 26, 1496-1506.	0.7	8
75	Progressive accumbens degeneration after neonatal striatal 6-hydroxydopamine in rats. Neuroscience Letters, 1998, 247, 99-102.	2.1	6
76	Reply to: Animal Models of Obsessive-Compulsive Disorder. Biological Psychiatry, 2011, 69, e31-e32.	1.3	5
77	The use of laser capture microdissection to identify specific pathways and mechanisms involved in impulsive choice in rats. Heliyon, 2019, 5, e02254.	3.2	3
78	Neurobiological and Behavioral Consequences of Exposure to Childhood Traumatic Stress. , 2006, , 180-195.		2
79	Risks of Stimulant Use for Attention Deficit Hyperactivity Disorder on the Developing Brain: Primum non nocere. Clinical Pediatrics, 2017, 56, 805-810.	0.8	2
80	Novelty preferences and cocaine-associated cues influence regions associated with the salience network in juvenile female rats. Pharmacology Biochemistry and Behavior, 2021, 203, 173117.	2.9	2