

Steven A Kushner

List of Publications by Year in descending order

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119
papers

8,703
citations

57719

44
h-index

49868

87
g-index

129
all docs

129
docs citations

129
times ranked

11375
citing authors

#	ARTICLE	IF	CITATIONS
1	Inhibition of Stat1-mediated gene activation by PIAS1. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 10626-10631.	3.3	677
2	Genome-wide association study of more than 40,000 bipolar disorder cases provides new insights into the underlying biology. Nature Genetics, 2021, 53, 817-829.	9.4	629
3	Neuronal Competition and Selection During Memory Formation. Science, 2007, 316, 457-460.	6.0	573
4	Selective Erasure of a Fear Memory. Science, 2009, 323, 1492-1496.	6.0	461
5	The HMG-CoA Reductase Inhibitor Lovastatin Reverses the Learning and Attention Deficits in a Mouse Model of Neurofibromatosis Type 1. Current Biology, 2005, 15, 1961-1967.	1.8	361
6	Risk of Postpartum Relapse in Bipolar Disorder and Postpartum Psychosis: A Systematic Review and Meta-Analysis. American Journal of Psychiatry, 2016, 173, 117-127.	4.0	337
7	Neurons Are Recruited to a Memory Trace Based on Relative Neuronal Excitability Immediately before Training. Neuron, 2014, 83, 722-735.	3.8	319
8	Activity-based protein profiling reveals off-target proteins of the FAAH inhibitor BIA 10-2474. Science, 2017, 356, 1084-1087.	6.0	251
9	Prevention of Postpartum Psychosis and Mania in Women at High Risk. American Journal of Psychiatry, 2012, 169, 609-615.	4.0	205
10	Ube3a reinstatement identifies distinct developmental windows in a murine Angelman syndrome model. Journal of Clinical Investigation, 2015, 125, 2069-2076.	3.9	186
11	Dysfunctional cerebellar Purkinje cells contribute to autism-like behaviour in Shank2-deficient mice. Nature Communications, 2016, 7, 12627.	5.8	180
12	Effect of Simvastatin on Cognitive Functioning in Children With Neurofibromatosis Type 1. JAMA - Journal of the American Medical Association, 2008, 300, 287.	3.8	175
13	The SAC1 domain in synaptojanin is required for autophagosome maturation at presynaptic terminals. EMBO Journal, 2017, 36, 1392-1411.	3.5	174
14	Modulation of Presynaptic Plasticity and Learning by the H-ras/Extracellular Signal-Regulated Kinase/Synapsin I Signaling Pathway. Journal of Neuroscience, 2005, 25, 9721-9734.	1.7	170
15	A simplified protocol for differentiation of electrophysiologically mature neuronal networks from human induced pluripotent stem cells. Molecular Psychiatry, 2018, 23, 1336-1344.	4.1	166
16	Synthesis and Characterization of Technetium-99m-Labeled Tropanes as Dopamine Transporter-Imaging Agents. Journal of Medicinal Chemistry, 1997, 40, 9-17.	2.9	147
17	Fast-spiking Parvalbumin Interneurons are Frequently Myelinated in the Cerebral Cortex of Mice and Humans. Cerebral Cortex, 2017, 27, 5001-5013.	1.6	128
18	The neuroinvasiveness, neurotropism, and neurovirulence of SARS-CoV-2. Trends in Neurosciences, 2022, 45, 358-368.	4.2	118

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19	Î²CaMKII controls the direction of plasticity at parallel fiberâ€™Purkinje cell synapses. <i>Nature Neuroscience</i> , 2009, 12, 823-825.	7.1	116
20	Treatment of Psychosis and Mania in the Postpartum Period. <i>American Journal of Psychiatry</i> , 2015, 172, 115-123.	4.0	103
21	Immune System Dysregulation in First-Onset Postpartum Psychosis. <i>Biological Psychiatry</i> , 2013, 73, 1000-1007.	0.7	102
22	Genetic Approaches to Molecular and Cellular Cognition: A Focus on LTP and Learning and Memory. <i>Annual Review of Genetics</i> , 2002, 36, 687-720.	3.2	95
23	Hepatitis E Virus Infects Neurons and Brains. <i>Journal of Infectious Diseases</i> , 2017, 215, 1197-1206.	1.9	94
24	Myelination of parvalbumin interneurons: a parsimonious locus of pathophysiological convergence in schizophrenia. <i>Molecular Psychiatry</i> , 2017, 22, 4-12.	4.1	94
25	Lithium During Pregnancy. <i>American Journal of Psychiatry</i> , 2014, 171, 712-715.	4.0	90
26	Autoimmune Encephalitis in Postpartum Psychosis. <i>American Journal of Psychiatry</i> , 2015, 172, 901-908.	4.0	88
27	Activity-Dependent Myelination of Parvalbumin Interneurons Mediated by Axonal Morphological Plasticity. <i>Journal of Neuroscience</i> , 2018, 38, 3631-3642.	1.7	84
28	Phenotypic Differences between Asian and African Lineage Zika Viruses in Human Neural Progenitor Cells. <i>MSphere</i> , 2017, 2, .	1.3	83
29	Engram-specific transcriptome profiling of contextual memory consolidation. <i>Nature Communications</i> , 2019, 10, 2232.	5.8	83
30	SOX10 Single Transcription Factor-Based Fast and Efficient Generation of Oligodendrocytes from Human Pluripotent Stem Cells. <i>Stem Cell Reports</i> , 2018, 10, 655-672.	2.3	81
31	Circulating cytotoxic T cells and natural killer cells as potential predictors for antidepressant response in melancholic depression. Restoration of T regulatory cell populations after antidepressant therapy. <i>Psychopharmacology</i> , 2016, 233, 1679-1688.	1.5	79
32	Prevalence of autoimmune thyroid dysfunction in postpartum psychosis. <i>British Journal of Psychiatry</i> , 2011, 198, 264-268.	1.7	76
33	Pre-eclampsia and first-onset postpartum psychiatric episodes: a Danish population-based cohort study. <i>Psychological Medicine</i> , 2015, 45, 3481-3489.	2.7	74
34	Arc expression identifies the lateral amygdala fear memory trace. <i>Molecular Psychiatry</i> , 2016, 21, 364-375.	4.1	72
35	Sex-Specific Mechanism of Social Hierarchy in Mice. <i>Neuropsychopharmacology</i> , 2015, 40, 1364-1372.	2.8	71
36	HCN channels are a novel therapeutic target for cognitive dysfunction in Neurofibromatosis type 1. <i>Molecular Psychiatry</i> , 2015, 20, 1311-1321.	4.1	66

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37	First-Onset Psychosis Occurring in the Postpartum Period. <i>Journal of Clinical Psychiatry</i> , 2011, 72, 1531-1537.	1.1	65
38	Lithium dosing strategies during pregnancy and the postpartum period. <i>British Journal of Psychiatry</i> , 2017, 211, 31-36.	1.7	65
39	Loss of nuclear UBE3A causes electrophysiological and behavioral deficits in mice and is associated with Angelman syndrome. <i>Nature Neuroscience</i> , 2019, 22, 1235-1247.	7.1	65
40	Novel genetic loci affecting facial shape variation in humans. <i>ELife</i> , 2019, 8, .	2.8	58
41	Neuroanatomical phenotypes in a mouse model of the 22q11.2 microdeletion. <i>Molecular Psychiatry</i> , 2014, 19, 99-107.	4.1	55
42	Epigenetic Characterization of the FMR1 Promoter in Induced Pluripotent Stem Cells from Human Fibroblasts Carrying an Unmethylated Full Mutation. <i>Stem Cell Reports</i> , 2014, 3, 548-555.	2.3	54
43	Neuronal competition: microcircuit mechanisms define the sparsity of the engram. <i>Current Opinion in Neurobiology</i> , 2019, 54, 163-170.	2.0	52
44	Candidate CSPG4 mutations and induced pluripotent stem cell modeling implicate oligodendrocyte progenitor cell dysfunction in familial schizophrenia. <i>Molecular Psychiatry</i> , 2019, 24, 757-771.	4.1	51
45	Cortical overgrowth in a preclinical forebrain organoid model of CNTNAP2-associated autism spectrum disorder. <i>Nature Communications</i> , 2021, 12, 4087.	5.8	51
46	Local axonal morphology guides the topography of interneuron myelination in mouse and human neocortex. <i>ELife</i> , 2019, 8, .	2.8	51
47	Simplified reference region model for the kinetic analysis of [^{99m} Tc]TRODAT-1 binding to dopamine transporters in nonhuman primates using single-photon emission tomography. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1999, 26, 518-526.	3.3	49
48	Tryptophan pathway alterations in the postpartum period and in acute postpartum psychosis and depression. <i>Journal of Affective Disorders</i> , 2016, 189, 298-305.	2.0	49
49	Exome-sequencing in a large population-based study reveals a rare Asn396Ser variant in the LIPG gene associated with depressive symptoms. <i>Molecular Psychiatry</i> , 2017, 22, 537-543.	4.1	49
50	Fetal alcohol exposure leads to abnormal olfactory bulb development and impaired odor discrimination in adult mice. <i>Molecular Brain</i> , 2011, 4, 29.	1.3	45
51	Long-term neurodevelopmental consequences of intrauterine exposure to lithium and antipsychotics: a systematic review and meta-analysis. <i>European Child and Adolescent Psychiatry</i> , 2018, 27, 1209-1230.	2.8	45
52	Synaptic Transmission and Plasticity at Inputs to Murine Cerebellar Purkinje Cells Are Largely Dispensable for Standard Nonmotor Tasks. <i>Journal of Neuroscience</i> , 2013, 33, 12599-12618.	1.7	42
53	The levonorgestrel-releasing intrauterine device potentiates stress reactivity. <i>Psychoneuroendocrinology</i> , 2017, 80, 39-45.	1.3	42
54	Angiotensin II Type 2 Receptor and Acetylcholine-Mediated Relaxation. <i>Hypertension</i> , 2015, 66, 396-402.	1.3	41

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55	Temporal and Region-Specific Requirements of $\hat{\pm}$ CaMKII in Spatial and Contextual Learning. <i>Journal of Neuroscience</i> , 2014, 34, 11180-11187.	1.7	39
56	Reduced trigeminovascular cyclicality in patients with menstrually related migraine. <i>Neurology</i> , 2015, 84, 125-131.	1.5	39
57	Fragile X mice have robust mGluR5-dependent alterations of social behaviour in the Automated Tube Test. <i>Neurobiology of Disease</i> , 2015, 75, 31-39.	2.1	38
58	Maternal and paternal cannabis use during pregnancy and the risk of psychotic-like experiences in the offspring. <i>Schizophrenia Research</i> , 2018, 202, 322-327.	1.1	38
59	The continued need for animals to advance brain research. <i>Neuron</i> , 2021, 109, 2374-2379.	3.8	36
60	Glucocorticoids Promote Fear Generalization by Increasing the Size of a Dentate Gyrus Engram Cell Population. <i>Biological Psychiatry</i> , 2021, 90, 494-504.	0.7	35
61	Borderline and cluster C personality disorders manifest distinct physiological responses to psychosocial stress. <i>Psychoneuroendocrinology</i> , 2016, 72, 131-138.	1.3	34
62	A rare missense variant in RCL1 segregates with depression in extended families. <i>Molecular Psychiatry</i> , 2018, 23, 1120-1126.	4.1	34
63	Risk of postpartum episodes in women with bipolar disorder after lamotrigine or lithium use during pregnancy: A population-based cohort study. <i>Journal of Affective Disorders</i> , 2017, 218, 394-397.	2.0	32
64	Association of Gestational Age at Birth With Brain Morphometry. <i>JAMA Pediatrics</i> , 2020, 174, 1149.	3.3	28
65	Myelination synchronizes cortical oscillations by consolidating parvalbumin-mediated phasic inhibition. <i>ELife</i> , 2022, 11, .	2.8	28
66	The Zinc Transporter SLC39A7 (ZIP7) Is Essential for Regulation of Cytosolic Zinc Levels. <i>Molecular Pharmacology</i> , 2018, 94, 1092-1100.	1.0	27
67	Disentangling Heterogeneity of Childhood Disruptive Behavior Problems Into Dimensions and Subgroups. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2017, 56, 678-686.	0.3	26
68	Mechanisms underlying cognitive deficits in a mouse model for Costello Syndrome are distinct from other RASopathy mouse models. <i>Scientific Reports</i> , 2017, 7, 1256.	1.6	26
69	How the COVID-19 pandemic highlights the necessity of animal research. <i>Current Biology</i> , 2020, 30, R1014-R1018.	1.8	26
70	Replication Kinetics, Cell Tropism, and Associated Immune Responses in SARS-CoV-2- and H5N1 Virus-Infected Human Induced Pluripotent Stem Cell-Derived Neural Models. <i>MSphere</i> , 2021, 6, e0027021.	1.3	26
71	Psychotic-like experiences in pre-adolescence: what precedes the antecedent symptoms of severe mental illness?. <i>Acta Psychiatrica Scandinavica</i> , 2018, 138, 15-25.	2.2	25
72	<i>ACO2</i> homozygous missense mutation associated with complicated hereditary spastic paraplegia. <i>Neurology: Genetics</i> , 2018, 4, e223.	0.9	25

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73	The intellectual disability-associated CAMK2G p.Arg292Pro mutation acts as a pathogenic gain-of-function. <i>Human Mutation</i> , 2018, 39, 2008-2024.	1.1	25
74	A functional variant in the miR-142 promoter modulating its expression and conferring risk of Alzheimer disease. <i>Human Mutation</i> , 2019, 40, 2131-2145.	1.1	23
75	GenNet framework: interpretable deep learning for predicting phenotypes from genetic data. <i>Communications Biology</i> , 2021, 4, 1094.	2.0	20
76	Structural Brain Connectivity in Childhood Disruptive Behavior Problems: A Multidimensional Approach. <i>Biological Psychiatry</i> , 2019, 85, 336-344.	0.7	19
77	Functional Recovery After Postpartum Psychosis. <i>Journal of Clinical Psychiatry</i> , 2017, 78, 122-128.	1.1	18
78	Kinetic modeling of [99mTc]TRODAT-1: a dopamine transporter imaging agent. <i>Journal of Nuclear Medicine</i> , 1999, 40, 150-8.	2.8	18
79	Intranasal administration of oxytocin decreases task-related aggressive responses in healthy young males. <i>Psychoneuroendocrinology</i> , 2019, 106, 147-154.	1.3	17
80	Aberrant White Matter Microstructure in Children and Adolescents With the Subtype of Prader-Willi Syndrome at High Risk for Psychosis. <i>Schizophrenia Bulletin</i> , 2017, 43, 1090-1099.	2.3	16
81	Copy Number Variation in Syndromic Forms of Psychiatric Illness: The Emerging Value of Clinical Genetic Testing in Psychiatry. <i>American Journal of Psychiatry</i> , 2017, 174, 1036-1050.	4.0	16
82	Interaction of schizophrenia polygenic risk and cortisol level on pre-adolescent brain structure. <i>Psychoneuroendocrinology</i> , 2019, 101, 295-303.	1.3	16
83	An expandable embryonic stem cell-derived Purkinje neuron progenitor population that exhibits in vivo maturation in the adult mouse cerebellum. <i>Scientific Reports</i> , 2017, 7, 8863.	1.6	15
84	Psychotic experiences and future school performance in childhood: a population-based cohort study. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2021, 62, 357-365.	3.1	14
85	Predicting persistence of hallucinations from childhood to adolescence. <i>British Journal of Psychiatry</i> , 2021, 219, 670-677.	1.7	13
86	Conserved UBE3A subcellular distribution between human and mice is facilitated by non-homologous isoforms. <i>Human Molecular Genetics</i> , 2020, 29, 3032-3043.	1.4	11
87	Netrin-2 dysfunction causes a Rett-like phenotype with areflexia. <i>Human Mutation</i> , 2020, 41, 476-486.	1.1	10
88	Long-term outcome of postpartum psychosis: a prospective clinical cohort study in 106 women. <i>International Journal of Bipolar Disorders</i> , 2021, 9, 31.	0.8	9
89	A highly specific pattern of volumetric brain changes due to 22q11.2 deletions in both mice and humans. <i>Molecular Psychiatry</i> , 2014, 19, 6-6.	4.1	8
90	Second-tier trio exome sequencing after negative solo clinical exome sequencing: an efficient strategy to increase diagnostic yield and decipher molecular bases in undiagnosed developmental disorders. <i>Human Genetics</i> , 2020, 139, 1381-1390.	1.8	8

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91	Schizophrenia polygenic risk is associated with child mental health problems through early childhood adversity: evidence for a gene-environment correlation. <i>European Child and Adolescent Psychiatry</i> , 2022, 31, 529-539.	2.8	7
92	MEK inhibition ameliorates social behavior phenotypes in a <i>Spred1</i> knockout mouse model for RASopathy disorders. <i>Molecular Autism</i> , 2021, 12, 53.	2.6	7
93	Pharmacologically Regulated Induction of Silent Mutations (PRISM): Combined Pharmacological and Genetic Approaches for Learning and Memory. <i>Neuroscientist</i> , 2003, 9, 104-109.	2.6	6
94	A balanced translocation disrupting <i>BCL2L10</i> and <i>PNLDC1</i> segregates with affective psychosis. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2017, 174, 214-219.	1.1	6
95	The 5-HTTLPR genotype, early life adversity and cortisol responsivity to psychosocial stress in women. <i>BJPsych Open</i> , 2018, 4, 180-185.	0.3	6
96	Oxytocin, vasopressin and trust: Associations with aggressive behavior in healthy young males. <i>Physiology and Behavior</i> , 2019, 204, 180-185.	1.0	6
97	Treatment of psychomotor agitation and self-injurious behavior with estrogen and progesterone in a patient with Sanfilippo syndrome. <i>General Hospital Psychiatry</i> , 2005, 27, 298-300.	1.2	5
98	Adrenocorticotrophic hormone elicits gonadotropin secretion in premenopausal women. <i>Human Reproduction</i> , 2016, 31, 2360-2368.	0.4	5
99	Motor cortical excitability and plasticity in patients with neurofibromatosis type 1. <i>Clinical Neurophysiology</i> , 2020, 131, 2673-2681.	0.7	5
100	Genetic risk for Alzheimer disease in children: Evidence from early-life IQ and brain white-matter microstructure. <i>Genes, Brain and Behavior</i> , 2020, 19, e12656.	1.1	5
101	<i>miR-142-3p</i> regulates cortical oligodendrocyte gene co-expression networks associated with tauopathy. <i>Human Molecular Genetics</i> , 2021, 30, 103-118.	1.4	5
102	Peer-reported bullying, rejection and hallucinatory experiences in childhood. <i>Acta Psychiatrica Scandinavica</i> , 2021, 143, 503-512.	2.2	5
103	Transient Improvement of Essential Tremor During Electroconvulsive Therapy. <i>Journal of ECT</i> , 2007, 23, 99-102.	0.3	4
104	Music to prevent delirium during neurosurgery (MUSYC) Clinical trial: a study protocol for a randomised controlled trial. <i>BMJ Open</i> , 2021, 11, e048270.	0.8	4
105	Long-term association of pregnancy and maternal brain structure: the Rotterdam Study. <i>European Journal of Epidemiology</i> , 2022, 37, 271-281.	2.5	4
106	Cortical Inhibition and Plasticity in Major Depressive Disorder. <i>Frontiers in Psychiatry</i> , 2022, 13, 777422.	1.3	4
107	Are infectious agents involved in the pathogenesis of postpartum psychosis?. <i>Journal of Affective Disorders</i> , 2018, 229, 141-144.	2.0	3
108	Synthetic Polymers Provide a Robust Substrate for Functional Neuron Culture. <i>Advanced Healthcare Materials</i> , 2020, 9, e1901347.	3.9	3

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109	Postpartum Psychosis. , 2014, , 139-149.		3
110	Hallucinations and Brain Morphology Across Early Adolescence: A Longitudinal Neuroimaging Study. Biological Psychiatry, 2022, 92, 781-790.	0.7	3
111	F33. MATERNAL AND PATERNAL CANNABIS USE DURING PREGNANCY AND RISK OF PSYCHOTIC SYMPTOMS IN THE OFFSPRING. Schizophrenia Bulletin, 2018, 44, S231-S232.	2.3	2
112	Oxytocin and vasopressin in male forensic psychiatric patients with personality disorders and healthy controls. Journal of Forensic Psychiatry and Psychology, 2022, 33, 130-151.	0.6	2
113	Dissecting schizophrenia phenotypic variation: the contribution of genetic variation, environmental exposures, and gene-environment interactions. NPJ Schizophrenia, 2022, 8, .	2.0	2
114	Prolonged surgical duration in open craniofacial surgery: Detrimental to cognitive functioning?. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2021, 74, 3443-3476.	0.5	1
115	Letter to the Editor: Postpartum psychosis and pre-eclamptic toxæmia: a reply. Psychological Medicine, 2016, 46, 2453-2453.	2.7	0
116	S198. PRE-ADOLESCENT BRAIN STRUCTURE: THE INTERPLAY BETWEEN GENETIC VULNERABILITY FOR SCHIZOPHRENIA AND CORTISOL LEVELS. Schizophrenia Bulletin, 2018, 44, S402-S402.	2.3	0
117	Employed family-based genetic discovery combining linkage analysis and exome sequencing to identify RCL1 as a novel candidate gene for depression, with independent replication in a population-based cohort. Molecular Psychiatry, 2018, 23, 1093-1093.	4.1	0
118	Clinical Genetic Testing and Counseling in Psychiatry. , 2019, , 181-202.		0
119	M30. THE ASSOCIATION OF PEER-REPORTED BULLYING AND SOCIAL NETWORK CHARACTERISTICS WITH PSYCHOTIC EXPERIENCES IN CHILDHOOD. Schizophrenia Bulletin, 2020, 46, S145-S146.	2.3	0