

# Jerry A Stitzel

## List of Publications by Year in descending order

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75  
papers

4,810  
citations

136950

32  
h-index

106344

65  
g-index

76  
all docs

76  
docs citations

76  
times ranked

6082  
citing authors

#	ARTICLE	IF	CITATIONS
1	Association studies of up to 1.2 million individuals yield new insights into the genetic etiology of tobacco and alcohol use. <i>Nature Genetics</i> , 2019, 51, 237-244.	21.4	1,307
2	Variants in Nicotinic Receptors and Risk for Nicotine Dependence. <i>American Journal of Psychiatry</i> , 2008, 165, 1163-1171.	7.2	584
3	The $\alpha 3$ Nicotinic Receptor Subunit: A Component of $\alpha 3$ -Conotoxin MII-Binding Nicotinic Acetylcholine Receptors that Modulate Dopamine Release and Related Behaviors. <i>Journal of Neuroscience</i> , 2003, 23, 11045-11053.	3.6	205
4	Multiple distinct risk loci for nicotine dependence identified by dense coverage of the complete family of nicotinic receptor subunit ( <i>CHRN</i> ) genes. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2009, 150B, 453-466.	1.7	192
5	Risk for nicotine dependence and lung cancer is conferred by mRNA expression levels and amino acid change in <i>CHRNA5</i> . <i>Human Molecular Genetics</i> , 2009, 18, 3125-3135.	2.9	180
6	Genetic influences on nicotine responses. <i>Pharmacology Biochemistry and Behavior</i> , 1989, 33, 667-678.	2.9	162
7	Nicotine reverses hypofrontality in animal models of addiction and schizophrenia. <i>Nature Medicine</i> , 2017, 23, 347-354.	30.7	142
8	A Risk Allele for Nicotine Dependence in <i>CHRNA5</i> Is a Protective Allele for Cocaine Dependence. <i>Biological Psychiatry</i> , 2008, 64, 922-929.	1.3	138
9	<i>CHRNA4</i> and Tobacco Dependence. <i>Archives of General Psychiatry</i> , 2007, 64, 1078.	12.3	114
10	$\alpha$ -Conotoxin BuIA, a Novel Peptide from <i>Conus bullatus</i> , Distinguishes among Neuronal Nicotinic Acetylcholine Receptors. <i>Journal of Biological Chemistry</i> , 2005, 280, 80-87.	3.4	106
11	The Incentive Salience of Alcohol. <i>Archives of General Psychiatry</i> , 2008, 65, 841.	12.3	101
12	An autoradiographic analysis of cholinergic receptors in mouse brain. <i>Brain Research Bulletin</i> , 1989, 22, 453-459.	3.0	80
13	Acetylcholine-Stimulated [ <sup>3</sup> H]GABA Release from Mouse Brain Synaptosomes is Modulated by $\alpha 2$ and $\alpha 5$ Nicotinic Receptor Subtypes. <i>Molecular Pharmacology</i> , 2009, 75, 918-926.	2.3	65
14	Activation and Inhibition of Mouse Muscle and Neuronal Nicotinic Acetylcholine Receptors Expressed in <i>Xenopus</i> Oocytes. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010, 333, 501-518.	2.5	59
15	Rare missense variants in <i>CHRNA4</i> are associated with reduced risk of nicotine dependence. <i>Human Molecular Genetics</i> , 2012, 21, 647-655.	2.9	58
16	A novel genetic marker of decreased inflammation and improved survival after acute myocardial infarction. <i>Basic Research in Cardiology</i> , 2018, 113, 38.	5.9	58
17	Impact of human D398N single nucleotide polymorphism on intracellular calcium response mediated by $\alpha 5$ nicotinic acetylcholine receptors. <i>Neuropharmacology</i> , 2012, 63, 1002-1011.	4.1	55
18	Influence of kinetics of nicotine administration on tolerance development and receptor levels. <i>Pharmacology Biochemistry and Behavior</i> , 1987, 27, 505-512.	2.9	54

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19	Functional characterization of mouse $\alpha 4\beta 2$ nicotinic acetylcholine receptors stably expressed in HEK293T cells. <i>Journal of Neurochemistry</i> , 2004, 91, 1138-1150.	3.9	52
20	$\alpha 7$ -Nicotinic receptor expression and the anatomical organization of hippocampal interneurons. <i>Brain Research</i> , 2001, 922, 180-190.	2.2	48
21	Nicotinic acetylcholine receptors: upregulation, age-related effects and associations with drug use. <i>Genes, Brain and Behavior</i> , 2016, 15, 89-107.	2.2	48
22	Nicotine Impairs Macrophage Control of <i>Mycobacterium tuberculosis</i> . <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017, 57, 324-333.	2.9	48
23	Interaction of the Nicotinic Cholinergic System with Ethanol Withdrawal. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004, 308, 591-599.	2.5	46
24	Developmental nicotine exposure precipitates multigenerational maternal transmission of nicotine preference and ADHD-like behavioral, rhythmometric, neuropharmacological, and epigenetic anomalies in adolescent mice. <i>Neuropharmacology</i> , 2019, 149, 66-82.	4.1	44
25	Crucial role of nicotinic $\alpha 5$ subunit variants for $Ca^{2+}$ fluxes in ventral midbrain neurons. <i>FASEB Journal</i> , 2015, 29, 3389-3398.	0.5	42
26	Potential regulation of nicotine and ethanol actions by $\alpha 4$ -containing nicotinic receptors. <i>Alcohol</i> , 2001, 24, 69-78.	1.7	41
27	A Polymorphism in the Mouse Neuronal $\alpha 4$ Nicotinic Receptor Subunit Results in An Alteration in Receptor Function. <i>Molecular Pharmacology</i> , 2002, 62, 334-342.	2.3	41
28	Modulation of Nicotine but Not Ethanol Preference by the Mouse <i>Chrna4</i> A529T Polymorphism.. <i>Behavioral Neuroscience</i> , 2005, 119, 26-37.	1.2	41
29	A Polymorphism in the $\alpha 4$ Nicotinic Receptor Gene ( <i>Chrna4</i> ) Modulates Enhancement of Nicotinic Receptor Function by Ethanol. <i>Alcoholism: Clinical and Experimental Research</i> , 2003, 27, 733-742.	2.4	40
30	Association of <i>CHRN</i> genes with "addictiveness" to tobacco. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2010, 153B, 600-609.	1.7	37
31	Linkage of strain-specific nicotinic receptor $\alpha 7$ subunit restriction fragment length polymorphisms with levels of $\alpha$ -bungarotoxin binding in brain. <i>Molecular Brain Research</i> , 1996, 43, 30-40.	2.3	34
32	Identification of an alternatively processed nicotinic receptor $\alpha 7$ subunit RNA in mouse brain. <i>Molecular Brain Research</i> , 2003, 117, 15-26.	2.3	34
33	Long sleep and short sleep mice differ in nicotine-stimulated $\alpha 6\beta 4$ efflux and $\alpha 4$ nicotinic receptor subunit cDNA sequence. <i>Pharmacogenetics and Genomics</i> , 2001, 11, 331-339.	5.7	32
34	Variability in response to nicotine in the LSxSS RI strains: potential role of polymorphisms in $\alpha 4$ and $\alpha 6$ nicotinic receptor genes. <i>Pharmacogenetics and Genomics</i> , 2002, 12, 197-208.	5.7	32
35	Genetic correlation between the free-choice oral consumption of nicotine and alcohol in C57BL/6J $\times$ C3H/HeJ F2 intercross mice. <i>Behavioural Brain Research</i> , 2005, 157, 79-90.	2.2	31
36	A multiancestry study identifies novel genetic associations with <i>CHRNA5</i> methylation in human brain and risk of nicotine dependence. <i>Human Molecular Genetics</i> , 2015, 24, 5940-5954.	2.9	31

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37	Genetic and pharmacological strategies identify a behavioral function of neuronal nicotinic receptors. <i>Behavioural Brain Research</i> , 2000, 113, 57-64.	2.2	30
38	The mouse <i>Chrna4</i> A529T polymorphism alters the ratio of high to low affinity $\alpha 4\beta 2$ nAChRs. <i>Neuropharmacology</i> , 2003, 45, 345-354.	4.1	26
39	Nicotinic-agonist stimulated $86Rb^+$ efflux and $[3H]$ epibatidine binding of mice differing in $\alpha 2$ genotype. <i>Neuropharmacology</i> , 2000, 39, 2632-2645.	4.1	24
40	Long-term improvements in sensory inhibition with gestational choline supplementation linked to $\alpha 7$ nicotinic receptors through studies in <i>Chrna7</i> null mutation mice. <i>Brain Research</i> , 2014, 1552, 26-33.	2.2	24
41	Developmental nicotine exposure elicits multigenerational disequilibria in proBDNF proteolysis and glucocorticoid signaling in the frontal cortices, striata, and hippocampi of adolescent mice. <i>Biochemical Pharmacology</i> , 2019, 168, 438-451.	4.4	24
42	Comparison of nicotine oral consumption and baseline anxiety measures in adolescent and adult C57BL/6J and C3H/lbg mice. <i>Behavioural Brain Research</i> , 2012, 233, 280-287.	2.2	23
43	Functional characterization of SNPs in <i>CHRNA3/B4</i> intergenic region associated with drug behaviors. <i>Brain Research</i> , 2013, 1529, 1-15.	2.2	22
44	<i>Chrna4</i> A529 knock-in mice exhibit altered nicotine sensitivity. <i>Pharmacogenetics and Genomics</i> , 2010, 20, 121-130.	1.5	20
45	Naturally occurring genetic variability in the nicotinic acetylcholine receptor $\alpha 4$ and $\alpha 7$ subunit genes and phenotypic diversity in humans and mice. <i>Frontiers in Bioscience - Landmark</i> , 2008, 13, 477.	3.0	18
46	$\alpha 7$ Nicotinic Receptor Gene Promoter Polymorphisms in Inbred Mice Affect Expression in a Cell Type-specific Fashion. <i>Journal of Biological Chemistry</i> , 2007, 282, 13220-13227.	3.4	17
47	The $\alpha 3$ subunit of the nicotinic acetylcholine receptor: Modulation of gene expression and nicotine consumption. <i>Neuropharmacology</i> , 2015, 99, 639-649.	4.1	17
48	Alternative <i>CHRNA4</i> 3' UTRs Mediate the Allelic Effects of SNP rs1948 on Gene Expression. <i>PLoS ONE</i> , 2013, 8, e63699.	2.5	16
49	The effects of oral nicotine administration and abstinence on sleep in male C57BL/6J mice. <i>Psychopharmacology</i> , 2019, 236, 1335-1347.	3.1	15
50	Presynaptic GABAB autoreceptor regulation of nicotinic acetylcholine receptor mediated $[3H]$ -GABA release from mouse synaptosomes. <i>Biochemical Pharmacology</i> , 2014, 91, 87-96.	4.4	13
51	An innate contribution of human nicotinic receptor polymorphisms to COPD-like lesions. <i>Nature Communications</i> , 2021, 12, 6384.	12.8	13
52	Maximizing the effect of an $\alpha 7$ nicotinic receptor PAM in a mouse model of schizophrenia-like sensory inhibition deficits. <i>Brain Research</i> , 2015, 1611, 8-17.	2.2	11
53	Melatonin administration alters nicotine preference consumption via signaling through high-affinity melatonin receptors. <i>Psychopharmacology</i> , 2015, 232, 2519-2530.	3.1	11
54	Sulfhydryl Modification of Two Nicotinic Binding Sites in Mouse Brain. <i>Journal of Neurochemistry</i> , 1988, 50, 920-928.	3.9	10

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55	<i>CYP2A6</i> metabolism in the development of smoking behaviors in young adults. <i>Addiction Biology</i> , 2018, 23, 437-447.	2.6	10
56	Recent advances in gene manipulation and nicotinic acetylcholine receptor biology. <i>Biochemical Pharmacology</i> , 2011, 82, 808-819.	4.4	9
57	Diurnal variation in nicotine sensitivity in mice: Role of genetic background and melatonin. <i>Neuropharmacology</i> , 2012, 63, 966-973.	4.1	9
58	Natural genetic variability of the neuronal nicotinic acetylcholine receptor subunit genes in mice: Consequences and confounds. <i>Neuropharmacology</i> , 2015, 96, 205-212.	4.1	9
59	Developmental nicotine exposure engenders intergenerational downregulation and aberrant posttranslational modification of cardinal epigenetic factors in the frontal cortices, striata, and hippocampi of adolescent mice. <i>Epigenetics and Chromatin</i> , 2020, 13, 13.	3.9	9
60	Uncovering hidden variance: pair-wise SNP analysis accounts for additional variance in nicotine dependence. <i>Human Genetics</i> , 2011, 129, 177-188.	3.8	8
61	Development of hippocampal $\alpha 7$ nicotinic receptors in C3H and DBA/2 congenic mice. <i>Brain Research</i> , 2006, 1122, 27-35.	2.2	7
62	<i>Chrna7</i> genotype is linked with $\alpha 7$ nicotinic receptor expression but not $\alpha 7$ RNA levels. <i>Brain Research</i> , 2009, 1263, 1-9.	2.2	7
63	The Intergenerational Transmission of Developmental Nicotine Exposure-Induced Neurodevelopmental Disorder-Like Phenotypes is Modulated by the <i>Chrna5</i> D397N Polymorphism in Adolescent Mice. <i>Behavior Genetics</i> , 2021, 51, 665-684.	2.1	6
64	The Role of A Priori Identified Addiction and Smoking Gene Sets in Smoking Behaviors. <i>Nicotine and Tobacco Research</i> , 2020, 22, 1310-1315.	2.6	5
65	DNA methylome perturbations: an epigenetic basis for the emergingly heritable neurodevelopmental abnormalities associated with maternal smoking and maternal nicotine exposure. <i>Biology of Reproduction</i> , 2021, 105, 644-666.	2.7	4
66	Serine residues in the $\alpha 4$ nicotinic acetylcholine receptor subunit regulate surface $\alpha 4\beta 2^*$ receptor expression and clustering. <i>Biochemical Pharmacology</i> , 2019, 159, 64-73.	4.4	3
67	Chlorisondamine inhibits the nicotine-induced stimulation of <i>c-fos</i> in the pigeon brain for up to 2 weeks. <i>Nicotine and Tobacco Research</i> , 2007, 9, 927-936.	2.6	2
68	Genetic Contributions of the $\alpha 5$ Nicotinic Receptor Subunit to Smoking Behavior. <i>Receptors</i> , 2014, , 327-339.	0.2	2
69	Mutation of the $\alpha 5$ nicotinic acetylcholine receptor subunit increases ethanol and nicotine consumption in adolescence and impacts adult drug consumption. <i>Neuropharmacology</i> , 2022, 216, 109170.	4.1	2
70	Genetic Modifiers of Oral Nicotine Consumption in <i>Chrna5</i> Null Mutant Mice. <i>Frontiers in Psychiatry</i> , 2021, 12, 773400.	2.6	1
71	Inheritance of a schizophrenia-like deficit in auditory gating fits a one gene model in inbred mouse strains. <i>Schizophrenia Research</i> , 1997, 24, 60.	2.0	0
72	Response to "Dizziness Genes". <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2010, 153B, n/a-n/a.	1.7	0

#	ARTICLE	IF	CITATIONS
73	0006 Novel Sleep Latency Testing In C57 Mice During Periods Of Nicotine Administration And Abstinence. Sleep, 2019, 42, A2-A3.	1.1	0
74	Nicotinic Receptors in Brain Diseases. Advances in Neurobiology, 2011, , 757-784.	1.8	0
75	Using Natural Genetic Variability in Nicotinic Receptor Genes to Understand the Function of Nicotinic Receptors. Neuromethods, 2016, , 97-117.	0.3	0