

# Karl J Fryxell

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10780434/publications.pdf>

Version: 2024-02-01

15  
papers

980  
citations

687220

13  
h-index

1058333

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

1611  
citing authors

#	ARTICLE	IF	CITATIONS
1	BDNF mediates improvements in executive function following a 1-year exercise intervention. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 985.	1.0	214
2	Cytosine Deamination Plays a Primary Role in the Evolution of Mammalian Isochores. <i>Molecular Biology and Evolution</i> , 2000, 17, 1371-1383.	3.5	181
3	The coevolution of gene family trees. <i>Trends in Genetics</i> , 1996, 12, 364-369.	2.9	177
4	CpG Mutation Rates in the Human Genome Are Highly Dependent on Local GC Content. <i>Molecular Biology and Evolution</i> , 2005, 22, 650-658.	3.5	177
5	Autocidal Biological Control: A General Strategy for Insect Control Based on Genetic Transformation with a Highly Conserved Gene. <i>Journal of Economic Entomology</i> , 1995, 88, 1221-1232.	0.8	43
6	Nicotine causes age-dependent changes in gene expression in the adolescent female rat brain. <i>Neurotoxicology and Teratology</i> , 2007, 29, 126-140.	1.2	38
7	An Animal Model for the Molecular Genetics of CADASIL. <i>Stroke</i> , 2001, 32, 6-11.	1.0	28
8	Both a Nicotinic Single Nucleotide Polymorphism (SNP) and a Noradrenergic SNP Modulate Working Memory Performance when Attention is Manipulated. <i>Journal of Cognitive Neuroscience</i> , 2009, 21, 2139-2153.	1.1	26
9	Adult mice voluntarily progress to nicotine dependence in an oral self-selection assay. <i>Neuropharmacology</i> , 2012, 63, 582-592.	2.0	23
10	Synthesis of Sulfatide by Cultured Rat Schwann Cells. <i>Journal of Neurochemistry</i> , 1980, 35, 1461-1464.	2.1	21
11	Chronic Nicotine Doses Down-Regulate PDE4 Isoforms that Are Targets of Antidepressants in Adolescent Female Rats. <i>Biological Psychiatry</i> , 2007, 61, 56-64.	0.7	19
12	Development and Applications of a Solid-Phase Radioimmunoassay for the POProtein of Peripheral Myelin. <i>Journal of Neurochemistry</i> , 1983, 40, 538-546.	2.1	17
13	Healthy aging increases the cognitive effects of two genes that influence extracellular dopamine.. <i>Psychology and Aging</i> , 2014, 29, 363-373.	1.4	15
14	Nicotine preference and affective behavior of Cd81 knockout mice. <i>Psychopharmacology</i> , 2021, 238, 3477-3497.	1.5	1
15	CADASIL: Molecular Mechanisms and Animal Models. <i>Neuromethods</i> , 2011, , 551-576.	0.2	0