

# Erich J Baker

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6127391/publications.pdf>

Version: 2024-02-01

34  
papers

833  
citations

623734

14  
h-index

526287

27  
g-index

36  
all docs

36  
docs citations

36  
times ranked

1154  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dose-response effects of alcohol on biochemical markers of bone turnover in non-human primates: Effects of species, sex and age of onset of drinking. <i>Bone Reports</i> , 2022, 16, 101159.	0.4	2
2	Pairing food and drink: A physiological model of blood ethanol levels for a variety of drinking behaviors. <i>Mathematical Biosciences</i> , 2022, 345, 108778.	1.9	3
3	A Fine-Grained Video Traffic Control Mechanism in Software-Defined Networks. <i>IEEE Transactions on Network and Service Management</i> , 2022, , 1-1.	4.9	0
4	Interpretation of psychiatric genome-wide association studies with multispecies heterogeneous functional genomic data integration. <i>Neuropsychopharmacology</i> , 2021, 46, 86-97.	5.4	22
5	Unrealistic Optimism and Risk for COVID-19 Disease. <i>Frontiers in Psychology</i> , 2021, 12, 647461.	2.1	24
6	Integration of evidence across human and model organism studies: A meeting report. <i>Genes, Brain and Behavior</i> , 2021, 20, e12738.	2.2	12
7	Using hierarchical similarity to examine the genetics of Behçet's disease. <i>BMC Research Notes</i> , 2021, 14, 353.	1.4	0
8	Curating gene sets: challenges and opportunities for integrative analysis. <i>Database: the Journal of Biological Databases and Curation</i> , 2019, 2019, .	3.0	5
9	Time for a Drink? A Mathematical Model of Non-human Primate Alcohol Consumption. <i>Frontiers in Applied Mathematics and Statistics</i> , 2019, 5, .	1.3	4
10	On Finding and Enumerating Maximal and Maximum k-Partite Cliques in k-Partite Graphs. <i>Algorithms</i> , 2019, 12, 23.	2.1	10
11	Chronic ethanol drinking increases during the luteal menstrual cycle phase in rhesus monkeys: implication of progesterone and related neurosteroids. <i>Psychopharmacology</i> , 2019, 236, 1817-1828.	3.1	15
12	Protein classification using modified <i>n</i> -grams and <i>skip</i> -grams. <i>Bioinformatics</i> , 2018, 34, 1481-1487.	4.1	21
13	Classes, Databases, and Prediction Methods of Pharmaceutically and Commercially Important Cystine-Stabilized Peptides. <i>Toxins</i> , 2018, 10, 251.	3.4	5
14	Assigning biological function using hidden signatures in cystine-stabilized peptide sequences. <i>Scientific Reports</i> , 2018, 8, 9049.	3.3	5
15	Identifying Future Drinkers: Behavioral Analysis of Monkeys Initiating Drinking to Intoxication is Predictive of Future Drinking Classification. <i>Alcoholism: Clinical and Experimental Research</i> , 2017, 41, 626-636.	2.4	35
16	Integrative Functional Genomics for Systems Genetics in GeneWeaver.org. <i>Methods in Molecular Biology</i> , 2017, 1488, 131-152.	0.9	6
17	Effects of alcohol on c-Myc protein in the brain. <i>Behavioural Brain Research</i> , 2017, 320, 356-364.	2.2	3
18	CSPred: A machine-learning-based compound model to identify the functional activities of biologically-stable toxins. , 2017, , .		2

#	ARTICLE	IF	CITATIONS
19	On using cached results to enumerate maximal k-cliques in GeneWeaver. , 2017, , .		0
20	Protein Classification using Modified <i>N</i> -Gram and <i>Skip</i> -Gram Models. , 2017, , .		5
21	Cross-Species Integrative Functional Genomics in GeneWeaver Reveals a Role for Pafah1b1 in Altered Response to Alcohol. <i>Frontiers in Behavioral Neuroscience</i> , 2016, 10, 1.	2.0	123
22	Increased levels of the acetaldehyde-derived DNA adduct <i>N</i> <sup>2</sup> -ethyldeoxyguanosine in oral mucosa DNA from Rhesus monkeys exposed to alcohol. <i>Mutagenesis</i> , 2016, 31, 553-558.	2.6	26
23	GeneWeaver: data driven alignment of cross-species genomics in biology and disease. <i>Nucleic Acids Research</i> , 2016, 44, D555-D559.	14.5	30
24	GeneWeaver: finding consilience in heterogeneous cross-species functional genomics data. <i>Mammalian Genome</i> , 2015, 26, 556-566.	2.2	12
25	PredSTP: a highly accurate SVM based model to predict sequential cystine stabilized peptides. <i>BMC Bioinformatics</i> , 2015, 16, 210.	2.6	24
26	On finding bicliques in bipartite graphs: a novel algorithm and its application to the integration of diverse biological data types. <i>BMC Bioinformatics</i> , 2014, 15, 110.	2.6	131
27	Monkey Alcohol Tissue Research Resource: Banking Tissues for Alcohol Research. <i>Alcoholism: Clinical and Experimental Research</i> , 2014, 38, 1973-1981.	2.4	31
28	Chronic Alcohol Self-Administration in Monkeys Shows Long-Term Quantity/Frequency Categorical Stability. <i>Alcoholism: Clinical and Experimental Research</i> , 2014, 38, 2835-2843.	2.4	98
29	GeneWeaver: a web-based system for integrative functional genomics. <i>Nucleic Acids Research</i> , 2012, 40, D1067-D1076.	14.5	112
30	Biological Databases for Behavioral Neurobiology. <i>International Review of Neurobiology</i> , 2012, 103, 19-38.	2.0	2
31	The importance of open-source integrative genomics to drug discovery. <i>Current Opinion in Drug Discovery &amp; Development</i> , 2010, 13, 310-6.	1.9	7
32	Ontological discovery environment: A system for integrating gene-phenotype associations. <i>Genomics</i> , 2009, 94, 377-387.	2.9	35
33	NFU-Enabled FASTA: moving bioinformatics applications onto wide area networks. <i>Source Code for Biology and Medicine</i> , 2007, 2, 8.	1.7	1
34	MuTrack: a genome analysis system for large-scale mutagenesis in the mouse. <i>BMC Bioinformatics</i> , 2004, 5, 11.	2.6	19