Lukasz B Huminiecki

List of Publications by Year
in descending order

36	8,864	279798	330143
papers	citations	23 h-index	37 g-index

40	40	40	15948
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Virtual Gene Concept and a Corresponding Pragmatic Research Program in Genetical Data Science. Entropy, 2022, 24, 17.	2.2	0
2	A Contemporary Message from Mendel's Logical Empiricism. BioEssays, 2020, 42, e2000120.	2.5	5
3	Models of the Gene Must Inform Data-Mining Strategies in Genomics. Entropy, 2020, 22, 942.	2.2	5
4	Etiology of atherosclerosis informs choice of animal models and tissues for initial functional genomic studies of resveratrol. Pharmacological Research, 2020, 156, 104598.	7.1	6
5	Molecular neuroscience at its â€œhighâ€• bibliometric analysis of the most cited papers on endocannabinoid system, cannabis and cannabinoids. Journal of Cannabis Research, 2019, 1, 4.	3.2	7
6	Magic roundabout is an endothelial-specific ohnolog of ROBO1 which neo-functionalized to an essential new role in angiogenesis. PLoS ONE, 2019, 14, e0208952.	2.5	7
7	Ethnopharmacological Applications Targeting Alcohol Abuse: Overview and Outlook. Frontiers in Pharmacology, 2019, 10, 1593.	3.5	10
8	The functional genomic studies of resveratrol in respect to its anti-cancer effects. Biotechnology Advances, 2018, 36, 1699-1708.	11.7	49
9	Vascular smooth muscle cell proliferation as a therapeutic target. Part 2: Natural products inhibiting proliferation. Biotechnology Advances, 2018, 36, 1608-1621.	11.7	38
10	Vascular smooth muscle cell proliferation as a therapeutic target. Part 1: molecular targets and pathways. Biotechnology Advances, 2018, 36, 1586-1607.	11.7	78
11	Pecan nuts: A review of reported bioactivities and health effects. Trends in Food Science and Technology, 2018, 71, 246-257.	15.1	97
12	Modelling of the breadth of expression from promoter architectures identifies pro-housekeeping transcription factors. PLoS ONE, 2018, 13, e0198961.	2.5	4
13	Ethnopharmacological Approaches for Dementia Therapy and Significance of Natural Products and Herbal Drugs. Frontiers in Aging Neuroscience, 2018, 10, 3.	3.4	93
14	Nutrients Composition in Fit Snacks Made from Ostrich, Beef and Chicken Dried Meat. Molecules, 2018, 23, 1267.	3.8	16
15	Can We Predict Gene Expression by Understanding Proximal Promoter Architecture?. Trends in Biotechnology, 2017, 35, 530-546.	9.3	18
16	The functional genomic studies of curcumin. Seminars in Cancer Biology, 2017, 46, 107-118.	9.6	61
17	Ethnopharmacological Approaches for Therapy of Jaundice: Part I. Frontiers in Pharmacology, 2017, 8, 518.	3.5	23
18	Ethnopharmacological Approaches for Therapy of Jaundice: Part II. Highly Used Plant Species from Acanthaceae, Euphorbiaceae, Asteraceae, Combretaceae, and Fabaceae Families. Frontiers in Pharmacology, 2017, 8, 519.	3.5	27

#	Article	IF	Citations
19	The Constrained Maximal Expression Level Owing to Haploidy Shapes Gene Content on the Mammalian X Chromosome. PLoS Biology, 2015, 13, e1002315.	5.6	32
20	A simple metric of promoter architecture robustly predicts expression breadth of human genes suggesting that most transcription factors are positive regulators. Genome Biology, 2014, 15, 413.	8.8	20
21	Differential roles of epigenetic changes and Foxp3 expression in regulatory T cell-specific transcriptional regulation. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 5289-5294.	7.1	111
22	A promoter-level mammalian expression atlas. Nature, 2014, 507, 462-470.	27.8	1,838
23	Polyploidy and the Evolution of Complex Traits. International Journal of Evolutionary Biology, 2012, 2012, 1-12.	1.0	19
24	2R and remodeling of vertebrate signal transduction engine. BMC Biology, 2010, 8, 146.	3.8	77
25	Emergence, development and diversification of the TGF-Î² signalling pathway within the animal kingdom. BMC Evolutionary Biology, 2009, 9, 28.	3.2	137
26	The transcriptional network that controls growth arrest and differentiation in a human myeloid leukemia cell line. Nature Genetics, 2009, 41, 553-562.	21.4	408
27	Pseudoâ€“Messenger RNA: Phantoms of the Transcriptome. PLoS Genetics, 2006, 2, e23.	3.5	58
28	Clusters of Co-expressed Genes in Mammalian Genomes Are Conserved by Natural Selection. Molecular Biology and Evolution, 2005, 22, 767-775.	8.9	154
29	The Transcriptional Landscape of the Mammalian Genome. Science, 2005, 309, 1559-1563.	12.6	3,227
30	Divergence of Spatial Gene Expression Profiles Following Species-Specific Gene Duplications in Human and Mouse. Genome Research, 2004, 14, 1870-1879.	5.5	139
31	Congruence of tissue expression profiles from Gene Expression Atlas, SAGEmap and TissueInfo databases. BMC Genomics, 2003, 4, 31.	2.8	77
32	EndoPDI, a Novel Protein-disulfide Isomerase-like Protein That Is Preferentially Expressed in Endothelial Cells Acts as a Stress Survival Factor. Journal of Biological Chemistry, 2003, 278, 47079-47088.	3.4	149
33	Magic Roundabout Is a New Member of the Roundabout Receptor Family That Is Endothelial Specific and Expressed at Sites of Active Angiogenesis. Genomics, 2002, 79, 547-552.	2.9	299
34	The Ensembl genome database project. Nucleic Acids Research, 2002, 30, 38-41.	14.5	1,411
35	Vascular endothelial growth factor transgenic mice exhibit reduced male fertility and placental rejection. Molecular Human Reproduction, 2001, 7, 255-264.	2.8	26
36	In Silico Cloning of Novel Endothelial-Specific Genes. Genome Research, 2000, 10, 1796-1806.	5.5	130