

Lukasz B Huminiecki

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

8,864
citations

279798

23
h-index

330143

37
g-index

40
all docs

40
docs citations

40
times ranked

15948
citing authors

#	ARTICLE	IF	CITATIONS
1	The Transcriptional Landscape of the Mammalian Genome. <i>Science</i> , 2005, 309, 1559-1563.	12.6	3,227
2	A promoter-level mammalian expression atlas. <i>Nature</i> , 2014, 507, 462-470.	27.8	1,838
3	The Ensembl genome database project. <i>Nucleic Acids Research</i> , 2002, 30, 38-41.	14.5	1,411
4	The transcriptional network that controls growth arrest and differentiation in a human myeloid leukemia cell line. <i>Nature Genetics</i> , 2009, 41, 553-562.	21.4	408
5	Magic Roundabout Is a New Member of the Roundabout Receptor Family That Is Endothelial Specific and Expressed at Sites of Active Angiogenesis. <i>Genomics</i> , 2002, 79, 547-552.	2.9	299
6	Clusters of Co-expressed Genes in Mammalian Genomes Are Conserved by Natural Selection. <i>Molecular Biology and Evolution</i> , 2005, 22, 767-775.	8.9	154
7	EndoPDI, a Novel Protein-disulfide Isomerase-like Protein That Is Preferentially Expressed in Endothelial Cells Acts as a Stress Survival Factor. <i>Journal of Biological Chemistry</i> , 2003, 278, 47079-47088.	3.4	149
8	Divergence of Spatial Gene Expression Profiles Following Species-Specific Gene Duplications in Human and Mouse. <i>Genome Research</i> , 2004, 14, 1870-1879.	5.5	139
9	Emergence, development and diversification of the TGF- β signalling pathway within the animal kingdom. <i>BMC Evolutionary Biology</i> , 2009, 9, 28.	3.2	137
10	In Silico Cloning of Novel Endothelial-Specific Genes. <i>Genome Research</i> , 2000, 10, 1796-1806.	5.5	130
11	Differential roles of epigenetic changes and Foxp3 expression in regulatory T cell-specific transcriptional regulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 5289-5294.	7.1	111
12	Pecan nuts: A review of reported bioactivities and health effects. <i>Trends in Food Science and Technology</i> , 2018, 71, 246-257.	15.1	97
13	Ethnopharmacological Approaches for Dementia Therapy and Significance of Natural Products and Herbal Drugs. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 3.	3.4	93
14	Vascular smooth muscle cell proliferation as a therapeutic target. Part 1: molecular targets and pathways. <i>Biotechnology Advances</i> , 2018, 36, 1586-1607.	11.7	78
15	Congruence of tissue expression profiles from Gene Expression Atlas, SAGEmap and TissueInfo databases. <i>BMC Genomics</i> , 2003, 4, 31.	2.8	77
16	2R and remodeling of vertebrate signal transduction engine. <i>BMC Biology</i> , 2010, 8, 146.	3.8	77
17	The functional genomic studies of curcumin. <i>Seminars in Cancer Biology</i> , 2017, 46, 107-118.	9.6	61
18	Pseudo-Messenger RNA: Phantoms of the Transcriptome. <i>PLoS Genetics</i> , 2006, 2, e23.	3.5	58

#	ARTICLE	IF	CITATIONS
19	The functional genomic studies of resveratrol in respect to its anti-cancer effects. <i>Biotechnology Advances</i> , 2018, 36, 1699-1708.	11.7	49
20	Vascular smooth muscle cell proliferation as a therapeutic target. Part 2: Natural products inhibiting proliferation. <i>Biotechnology Advances</i> , 2018, 36, 1608-1621.	11.7	38
21	The Constrained Maximal Expression Level Owing to Haploidy Shapes Gene Content on the Mammalian X Chromosome. <i>PLoS Biology</i> , 2015, 13, e1002315.	5.6	32
22	Ethnopharmacological Approaches for Therapy of Jaundice: Part II. Highly Used Plant Species from Acanthaceae, Euphorbiaceae, Asteraceae, Combretaceae, and Fabaceae Families. <i>Frontiers in Pharmacology</i> , 2017, 8, 519.	3.5	27
23	Vascular endothelial growth factor transgenic mice exhibit reduced male fertility and placental rejection. <i>Molecular Human Reproduction</i> , 2001, 7, 255-264.	2.8	26
24	Ethnopharmacological Approaches for Therapy of Jaundice: Part I. <i>Frontiers in Pharmacology</i> , 2017, 8, 518.	3.5	23
25	A simple metric of promoter architecture robustly predicts expression breadth of human genes suggesting that most transcription factors are positive regulators. <i>Genome Biology</i> , 2014, 15, 413.	8.8	20
26	Polyploidy and the Evolution of Complex Traits. <i>International Journal of Evolutionary Biology</i> , 2012, 2012, 1-12.	1.0	19
27	Can We Predict Gene Expression by Understanding Proximal Promoter Architecture?. <i>Trends in Biotechnology</i> , 2017, 35, 530-546.	9.3	18
28	Nutrients Composition in Fit Snacks Made from Ostrich, Beef and Chicken Dried Meat. <i>Molecules</i> , 2018, 23, 1267.	3.8	16
29	Ethnopharmacological Applications Targeting Alcohol Abuse: Overview and Outlook. <i>Frontiers in Pharmacology</i> , 2019, 10, 1593.	3.5	10
30	Molecular neuroscience at its "high": bibliometric analysis of the most cited papers on endocannabinoid system, cannabis and cannabinoids. <i>Journal of Cannabis Research</i> , 2019, 1, 4.	3.2	7
31	Magic roundabout is an endothelial-specific ohnolog of ROBO1 which neo-functionalized to an essential new role in angiogenesis. <i>PLoS ONE</i> , 2019, 14, e0208952.	2.5	7
32	Etiology of atherosclerosis informs choice of animal models and tissues for initial functional genomic studies of resveratrol. <i>Pharmacological Research</i> , 2020, 156, 104598.	7.1	6
33	A Contemporary Message from Mendel's Logical Empiricism. <i>BioEssays</i> , 2020, 42, e2000120.	2.5	5
34	Models of the Gene Must Inform Data-Mining Strategies in Genomics. <i>Entropy</i> , 2020, 22, 942.	2.2	5
35	Modelling of the breadth of expression from promoter architectures identifies pro-housekeeping transcription factors. <i>PLoS ONE</i> , 2018, 13, e0198961.	2.5	4
36	Virtual Gene Concept and a Corresponding Pragmatic Research Program in Genetical Data Science. <i>Entropy</i> , 2022, 24, 17.	2.2	0