

Robert Kucharski

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

6,200
citations

236925

25
h-index

414414

32
g-index

32
all docs

32
docs citations

32
times ranked

5657
citing authors

#	ARTICLE	IF	CITATIONS
1	Without mechanisms, theories and models in insect epigenetics remain a black box. <i>Trends in Genetics</i> , 2022, 38, 1108-1111.	6.7	9
2	Exploring DNA Methylation Diversity in the Honey Bee Brain by Ultra-Deep Amplicon Sequencing. <i>Epigenomes</i> , 2020, 4, 10.	1.8	12
3	Characterization of a Dopamine Transporter and Its Splice Variant Reveals Novel Features of Dopaminergic Regulation in the Honey Bee. <i>Frontiers in Physiology</i> , 2019, 10, 1375.	2.8	5
4	Age-dependent transcriptional and epigenomic responses to light exposure in the honey bee brain. <i>FEBS Open Bio</i> , 2016, 6, 622-639.	2.3	17
5	Differentially methylated obligatory epialleles modulate context-dependent <i>LAM</i> gene expression in the honeybee <i>Apis mellifera</i> . <i>Epigenetics</i> , 2016, 11, 1-10.	2.7	56
6	EGFR gene methylation is not involved in Royalactin controlled phenotypic polymorphism in honey bees. <i>Scientific Reports</i> , 2015, 5, 14070.	3.3	31
7	Insights into DNA hydroxymethylation in the honeybee from in-depth analyses of TET dioxygenase. <i>Open Biology</i> , 2014, 4, 140110.	3.6	60
8	Extensive histone post-translational modification in honey bees. <i>Insect Biochemistry and Molecular Biology</i> , 2013, 43, 125-137.	2.7	63
9	Standard methods for molecular research in <i>Apis mellifera</i> . <i>Journal of Apicultural Research</i> , 2013, 52, 1-54.	1.5	150
10	DNA methylation dynamics, metabolic fluxes, gene splicing, and alternative phenotypes in honey bees. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 4968-4973.	7.1	312
11	DNA methylation changes elicited by social stimuli in the brains of worker honey bees. <i>Genes, Brain and Behavior</i> , 2012, 11, 235-242.	2.2	75
12	The Honey Bee Epigenomes: Differential Methylation of Brain DNA in Queens and Workers. <i>PLoS Biology</i> , 2010, 8, e1000506.	5.6	636
13	Functional and Evolutionary Insights from the Genomes of Three Parasitoid <i>Nasonia</i> Species. <i>Science</i> , 2010, 327, 343-348.	12.6	808
14	Epigenetic regulation of the honey bee transcriptome: unravelling the nature of methylated genes. <i>BMC Genomics</i> , 2009, 10, 472.	2.8	132
15	Genome-wide analysis of genes related to ovary activation in worker honey bees. <i>Insect Molecular Biology</i> , 2008, 17, 657-665.	2.0	37
16	Nutritional Control of Reproductive Status in Honeybees via DNA Methylation. <i>Science</i> , 2008, 319, 1827-1830.	12.6	988
17	Novel cuticular proteins revealed by the honey bee genome. <i>Insect Biochemistry and Molecular Biology</i> , 2007, 37, 128-134.	2.7	42
18	Molecular determinants of caste differentiation in the highly eusocial honeybee <i>Apis mellifera</i> . <i>BMC Developmental Biology</i> , 2007, 7, 70.	2.1	226

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19	Characterization of a metabotropic glutamate receptor in the honeybee (<i>Apis mellifera</i>): implications for memory formation. <i>Invertebrate Neuroscience</i> , 2007, 7, 99-108.	1.8	42
20	Carbohydrate metabolism genes and pathways in insects: insights from the honey bee genome. <i>Insect Molecular Biology</i> , 2006, 15, 563-576.	2.0	131
21	Insights into social insects from the genome of the honeybee <i>Apis mellifera</i> . <i>Nature</i> , 2006, 443, 931-949.	27.8	1,648
22	Evolution of the Yellow/Major Royal Jelly Protein family and the emergence of social behavior in honey bees. <i>Genome Research</i> , 2006, 16, 1385-1394.	5.5	243
23	Microarray and Real-Time PCR Analyses of Gene Expression in the Honeybee Brain Following Caffeine Treatment. <i>Journal of Molecular Neuroscience</i> , 2005, 27, 269-276.	2.3	35
24	Screening for Differential Gene Expression During the Development of Form-Deprivation Myopia in the Chicken. <i>Optometry and Vision Science</i> , 2004, 81, 148-155.	1.2	23
25	Evaluation of differential gene expression during behavioral development in the honeybee using microarrays and northern blots. <i>Genome Biology</i> , 2002, 3, research0007.1.	9.6	84
26	Molecular profiling of behavioural development: differential expression of mRNAs for inositol 1,4,5-trisphosphate 3-kinase isoforms in naive and experienced honeybees (<i>Apis mellifera</i>). <i>Molecular Brain Research</i> , 2002, 99, 92-101.	2.3	21
27	Analysis of <i>Drosophila</i> yellow-B cDNA Reveals a New Family of Proteins Related to the Royal Jelly Proteins in the Honeybee and to an Orphan Protein in an Unusual Bacterium <i>Deinococcus radiodurans</i> . <i>Biochemical and Biophysical Research Communications</i> , 2000, 270, 773-776.	2.1	36
28	Molecular cloning and expression analysis of a cDNA encoding a glutamate transporter in the honeybee brain. <i>Gene</i> , 2000, 242, 399-405.	2.2	57
29	Pharmacological interference with glutamate re-uptake impairs long-term memory in the honeybee, <i>Apis mellifera</i> . <i>Behavioural Brain Research</i> , 2000, 115, 49-53.	2.2	65
30	A Royal Jelly Protein Is Expressed in a Subset of Kenyon Cells in the Mushroom Bodies of the Honey Bee Brain. <i>Die Naturwissenschaften</i> , 1998, 85, 343-346.	1.6	93
31	Arginine kinase is highly expressed in the compound eye of the honey-bee, <i>Apis mellifera</i> . <i>Gene</i> , 1998, 211, 343-349.	2.2	54
32	The TBP gene from <i>Aspergillus nidulans</i> -structure and expression in <i>Saccharomyces cerevisiae</i> . <i>Microbiology (United Kingdom)</i> , 1997, 143, 1263-1270.	1.8	9