

Nico Posnien

List of Publications by Year in descending order

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37
papers

3,006
citations

331670

21
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345221

36
g-index

50
all docs

50
docs citations

50
times ranked

3607
citing authors

#	ARTICLE	IF	CITATIONS
1	Phenotyping in Evo-Devo. , 2021, , 953-964.		0
2	Variation in Pleiotropic Hub Gene Expression Is Associated with Interspecific Differences in Head Shape and Eye Size in <i>Drosophila</i> . Molecular Biology and Evolution, 2021, 38, 1924-1942.	8.9	14
3	Conserved and Divergent Aspects of Plasticity and Sexual Dimorphism in Wing Size and Shape in Three Diptera. Frontiers in Ecology and Evolution, 2021, 9, .	2.2	1
4	Genomic Analysis of European <i>Drosophila melanogaster</i> Populations Reveals Longitudinal Structure, Continent-Wide Selection, and Previously Unknown DNA Viruses. Molecular Biology and Evolution, 2020, 37, 2661-2678.	8.9	104
5	Multiple loci linked to inversions are associated with eye size variation in species of the <i>Drosophila virilis</i> phylad. Scientific Reports, 2020, 10, 12832.	3.3	7
6	Sex differences in spiders: from phenotype to genomics. Development Genes and Evolution, 2020, 230, 155-172.	0.9	21
7	Enhanced genome assembly and a new official gene set for <i>Tribolium castaneum</i> . BMC Genomics, 2020, 21, 47.	2.8	84
8	Cloudy with a Chance of Insights: Context Dependent Gene Regulation and Implications for Evolutionary Studies. Genes, 2019, 10, 492.	2.4	21
9	Origin and Consequences of Chromosomal Inversions in the <i>virilis</i> Group of <i>Drosophila</i> . Genome Biology and Evolution, 2018, 10, 3152-3166.	2.5	22
10	Dynamic genome wide expression profiling of <i>Drosophila</i> head development reveals a novel role of Hunchback in retinal glia cell development and blood-brain barrier integrity. PLoS Genetics, 2018, 14, e1007180.	3.5	11
11	Phenotyping in Evo-Devo. , 2018, , 1-12.		0
12	Specific expression and function of the <i>Six3</i> <i>optix</i> in <i>Drosophila</i> serially homologous organs. Biology Open, 2017, 6, 1155-1164.	1.2	4
13	The house spider genome reveals an ancient whole-genome duplication during arachnid evolution. BMC Biology, 2017, 15, 62.	3.8	286
14	A novel role for <i>Ets4</i> in axis specification and cell migration in the spider <i>Parasteatoda tepidariorum</i> . ELife, 2017, 6, .	6.0	26
15	Size and shape – integration of morphometrics, mathematical modelling, developmental and evolutionary biology. Development Genes and Evolution, 2016, 226, 109-112.	0.9	5
16	Size relationships of different body parts in the three dipteran species <i>Drosophila melanogaster</i> , <i>Ceratitis capitata</i> and <i>Musca domestica</i> . Development Genes and Evolution, 2016, 226, 245-256.	0.9	15
17	A robust (re-)annotation approach to generate unbiased mapping references for RNA-seq-based analyses of differential expression across closely related species. BMC Genomics, 2016, 17, 392.	2.8	26
18	Molecular characterization and embryonic origin of the eyes in the common house spider <i>Parasteatoda tepidariorum</i> . EvoDevo, 2015, 6, 15.	3.2	49

#	ARTICLE	IF	CITATIONS
19	Sexual dimorphism and natural variation within and among species in the <i>Drosophila</i> retinal mosaic. <i>BMC Evolutionary Biology</i> , 2014, 14, 240.	3.2	31
20	Analysis of the Wnt gene repertoire in an onychophoran provides new insights into the evolution of segmentation. <i>EvoDevo</i> , 2014, 5, 14.	3.2	41
21	Identification and embryonic expression of Wnt2, Wnt4, Wnt5 and Wnt9 in the millipede <i>Glomeris marginata</i> (Myriapoda: Diplopoda). <i>Gene Expression Patterns</i> , 2014, 14, 55-61.	0.8	32
22	A Comprehensive Reference Transcriptome Resource for the Common House Spider <i>Parasteatoda tepidariorum</i> . <i>PLoS ONE</i> , 2014, 9, e104885.	2.5	57
23	Changes in anterior head patterning underlie the evolution of long germ embryogenesis. <i>Developmental Biology</i> , 2013, 374, 174-184.	2.0	33
24	Genetic and developmental analysis of differences in eye and face morphology between <i>Drosophila simulans</i> and <i>Drosophila mauritiana</i> . <i>Evolution & Development</i> , 2013, 15, 257-267.	2.0	33
25	Asymmetrically expressed <i>axin</i> required for anterior development in <i>Tribolium</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 7782-7786.	7.1	65
26	Evolution of Eye Morphology and Rhodopsin Expression in the <i>Drosophila melanogaster</i> Species Subgroup. <i>PLoS ONE</i> , 2012, 7, e37346.	2.5	53
27	Insect <i>Tc-six4</i> marks a unit with similarity to vertebrate placodes. <i>Developmental Biology</i> , 2011, 350, 208-216.	2.0	20
28	Candidate Gene Screen in the Red Flour Beetle <i>Tribolium</i> Reveals <i>Six3</i> as Ancient Regulator of Anterior Median Head and Central Complex Development. <i>PLoS Genetics</i> , 2011, 7, e1002416.	3.5	66
29	Genetics, development and composition of the insect head – A beetle's view. <i>Arthropod Structure and Development</i> , 2010, 39, 399-410.	1.4	66
30	<i>Six3</i> demarcates the anterior-most developing brain region in bilaterian animals. <i>EvoDevo</i> , 2010, 1, 14.	3.2	149
31	Formation of the insect head involves lateral contribution of the intercalary segment, which depends on <i>Tc-labial</i> function. <i>Developmental Biology</i> , 2010, 338, 107-116.	2.0	41
32	The insect upper lip (labrum) is a nonsegmental appendage-like structure. <i>Evolution & Development</i> , 2009, 11, 480-488.	2.0	57
33	Probing the <i>Drosophila</i> retinal determination gene network in <i>Tribolium</i> (II): The Pax6 genes <i>eyeless</i> and <i>twin of eyeless</i> . <i>Developmental Biology</i> , 2009, 333, 215-227.	2.0	56
34	Single and Double Whole-Mount In Situ Hybridization in Red Flour Beetle (<i>Tribolium</i>) Embryos. <i>Cold Spring Harbor Protocols</i> , 2009, 2009, pdb.prot5258-pdb.prot5258.	0.3	52
35	RNAi in the Red Flour Beetle (<i>Tribolium</i>). <i>Cold Spring Harbor Protocols</i> , 2009, 2009, pdb.prot5256-pdb.prot5256.	0.3	73
36	The genome of the model beetle and pest <i>Tribolium castaneum</i> . <i>Nature</i> , 2008, 452, 949-955.	27.8	1,255

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37	Divergent functions of orthodenticle, empty spiracles and buttonhead in early head patterning of the beetle <i>Tribolium castaneum</i> (Coleoptera). <i>Developmental Biology</i> , 2008, 317, 600-613.	2.0	98