Elizabeth J Duncan

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3277250/publications.pdf

Version: 2024-02-01

50 papers	2,421 citations	331259 21 h-index	223531 46 g-index
57 all docs	57 docs citations	57 times ranked	3632 citing authors

#	Article	IF	Citations
1	Phenotypic Plasticity: What Has DNA Methylation Got to Do with It?. Insects, 2022, 13, 110.	1.0	27
2	Genomic Signatures of Recent Adaptation in a Wild Bumblebee. Molecular Biology and Evolution, 2022, 39, .	3.5	9
3	Noggin proteins are multifunctional extracellular regulators of cell signalling. Genetics, 2022, , .	1.2	1
4	Simulation of the Radar Cross Section of a Noctuid Moth. Remote Sensing, 2022, 14, 1494.	1.8	3
5	The development of an unsupervised hierarchical clustering analysis of dualâ€polarization weather surveillance radar observations to assess nocturnal insect abundance and diversity. Remote Sensing in Ecology and Conservation, 2022, 8, 698-716.	2.2	0
6	Evolution and genomic organization of the insect sHSP gene cluster and coordinate regulation in phenotypic plasticity. Bmc Ecology and Evolution, 2021, 21, 154.	0.7	0
7	Development of a multiplex microsatellite marker set for the study of the solitary red mason bee, Osmia bicornis (Megachilidae). Molecular Biology Reports, 2021, , 1.	1.0	1
8	Mating status and the evolution of eusociality: Oogenesis is independent of mating status in the solitary bee Osmia bicornis. Journal of Insect Physiology, 2020, 121, 104003.	0.9	5
9	High-Quality Assemblies for Three Invasive Social Wasps from the Vespula Genus. G3: Genes, Genomes, Genetics, 2020, 10, 3479-3488.	0.8	19
10	Social competition stimulates cognitive performance in a sex-specific manner. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20201424.	1.2	4
11	The diversity and distribution of D1 proteins in cyanobacteria. Photosynthesis Research, 2020, 145, 111-128.	1.6	21
12	Genome Architecture Facilitates Phenotypic Plasticity in the Honeybee (Apis mellifera). Molecular Biology and Evolution, 2020, 37, 1964-1978.	3.5	30
13	Sawfly Genomes Reveal Evolutionary Acquisitions That Fostered the Mega-Radiation of Parasitoid and Eusocial Hymenoptera. Genome Biology and Evolution, 2020, 12, 1099-1188.	1.1	17
14	Ancestral hymenopteran queen pheromones do not share the broad phylogenetic repressive effects of honeybee queen mandibular pheromone. Journal of Insect Physiology, 2019, 119, 103968.	0.9	6
15	Molecular evolutionary trends and feeding ecology diversification in the Hemiptera, anchored by the milkweed bug genome. Genome Biology, 2019, 20, 64.	3.8	114
16	Evolution of the Torso activation cassette, a pathway required for terminal patterning and moulting. Insect Molecular Biology, 2019, 28, 392-408.	1.0	12
17	The genome of the water strider Gerris buenoi reveals expansions of gene repertoires associated with adaptations to life on the water. BMC Genomics, 2018, 19, 832.	1.2	47
18	Analysis of the genome of the New Zealand giant collembolan (Holacanthella duospinosa) sheds light on hexapod evolution. BMC Genomics, 2017, 18, 795.	1.2	28

#	Article	IF	Citations
19	Notch signalling mediates reproductive constraint in the adult worker honeybee. Nature Communications, 2016, 7, 12427.	5.8	67
20	Sex differences in DNA methylation and expression in zebrafish brain: a test of an extended â€˜male sex driveâ€™ hypothesis. Gene, 2016, 590, 307-316.	1.0	30
21	Striatal mRNA expression patterns underlying peak dose l-DOPA-induced dyskinesia in the 6-OHDA hemiparkinsonian rat. Neuroscience, 2016, 324, 238-251.	1.1	10
22	Unique features of a global human ectoparasite identified through sequencing of the bed bug genome. Nature Communications, 2016, 7, 10165.	5.8	184
23	Genome-wide DNA methylation map of human neutrophils reveals widespread inter-individual epigenetic variation. Scientific Reports, 2015, 5, 17328.	1.6	59
24	Functional development of the adult ovine mammary glandâ€”insights from gene expression profiling. BMC Genomics, 2015, 16, 748.	1.2	44
25	In-Depth Characterization of Sheep (Ovis aries) Milk Whey Proteome and Comparison with Cow (Bos) Tj ETQq1 1 0.784314 rgBT /Ov	1.1	91
26	What Do Studies of Insect Polyphenisms Tell Us about Nutritionally-Triggered Epigenomic Changes and Their Consequences?. Nutrients, 2015, 7, 1787-1797.	1.7	21
27	The genomes of two key bumblebee species with primitive eusocial organization. Genome Biology, 2015, 16, 76.	3.8	330
28	The First Myriapod Genome Sequence Reveals Conservative Arthropod Gene Content and Genome Organisation in the Centipede Strigamia maritima. PLoS Biology, 2014, 12, e1002005.	2.6	221
29	Identification of reference genes for RT-qPCR in ovine mammary tissue during late pregnancy and lactation and in response to maternal nutritional programming. Physiological Genomics, 2014, 46, 560-570.	1.0	12
30	Epigenetics, plasticity, and evolution: How do we link epigenetic change to phenotype?. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2014, 322, 208-220.	0.6	217
31	Epigenetics and the Maternal Germline. , 2014, , 27-41.		2
32	Capturing embryonic development from metamorphosis: how did the terminal patterning signalling pathway of Drosophila evolve?. Current Opinion in Insect Science, 2014, 1, 45-51.	2.2	9
33	Canonical terminal patterning is an evolutionary novelty. Developmental Biology, 2013, 377, 245-261.	0.9	48
34	Biased gene expression in early honeybee larval development. BMC Genomics, 2013, 14, 903.	1.2	80
35	The pea aphid (Acyrthosiphon pisum) genome encodes two divergent early developmental programs. Developmental Biology, 2013, 377, 262-274.	0.9	27
36	Stable reference genes for the measurement of transcript abundance during larval caste development in the honeybee. Apidologie, 2013, 44, 357-366.	0.9	25

#	Article	IF	Citations
37	Gene expression indicates a zone of heterocyst differentiation within the thallus of the cyanolichen Pseudocyphellaria crocata. New Phytologist, 2012, 196, 862-872.	3.5	11
38	Comprehensive survey of developmental genes in the pea aphid, Acyrthosiphon pisum: frequent lineageâ€specific duplications and losses of developmental genes. Insect Molecular Biology, 2010, 19, 47-62.	1.0	81
39	Evolution of a genomic regulatory domain: The role of gene co-option and gene duplication in the Enhancer of split complex. Genome Research, 2010, 20, 917-928.	2.4	22
40	Immunity and other defenses in pea aphids, Acyrthosiphon pisum. Genome Biology, 2010, 11, R21.	13.9	389
41	Immunohistochemistry on Honeybee (Apis mellifera) Embryos. Cold Spring Harbor Protocols, 2009, 2009, pdb.prot5227.	0.2	3
42	Clinical Reasoning in Musculoskeletal Practice: Students' Conceptualizations. Physical Therapy, 2009, 89, 430-442.	1.1	38
43	In Situ Hybridization of Sectioned Honeybee (Apis mellifera) Tissues: Figure 1.. Cold Spring Harbor Protocols, 2009, 2009, pdb.prot5226.	0.2	1
44	RNA Interference (RNAi) in Honeybee (Apis mellifera) Embryos: Figure 1.. Cold Spring Harbor Protocols, 2009, 2009, pdb.prot5228.	0.2	8
45	Fixation and Storage of Honeybee (Apis mellifera) Tissues. Cold Spring Harbor Protocols, 2009, 2009, pdb.prot5224-pdb.prot5224.	0.2	6
46	Whole-Mount In Situ Hybridization of Honeybee (Apis mellifera) Tissues. Cold Spring Harbor Protocols, 2009, 2009, pdb.prot5225-pdb.prot5225.	0.2	6
47	The Honeybee Apis mellifera. Cold Spring Harbor Protocols, 2009, 2009, pdb.emo123.	0.2	11
48	Evolutionary origin and genomic organisation of runt-domain containing genes in arthropods. BMC Genomics, 2008, 9, 558.	1.2	19
49	Cloning, mapping and association studies of the ovine ABCG2 gene with facial eczema disease in sheep. Animal Genetics, 2007, 38, 126-131.	0.6	18
50	Zinc protection of HepG2 cells from sporidesmin toxicity does not require de novo gene transcription. Toxicology Letters, 2005, 159, 164-172.	0.4	10