

Bryan R Helm

List of Publications by Year in descending order

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16
papers

534
citations

933447

10
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

813
citing authors

#	ARTICLE	IF	CITATIONS
1	Body and Wing Allometries Reveal Flight-Fecundity Tradeoff in Response to Larval Provisioning in <i>Osmia lignaria</i> (Hymenoptera: Megachilidae). <i>Journal of Insect Science</i> , 2021, 21, .	1.5	7
2	Spatial cell type composition in normal and Alzheimers human brains is revealed using integrated mouse and human single cell RNA sequencing. <i>Scientific Reports</i> , 2020, 10, 18014.	3.3	9
3	Deep learning-based cancer survival prognosis from RNA-seq data: approaches and evaluations. <i>BMC Medical Genomics</i> , 2020, 13, 41.	1.5	55
4	BERMUDA: a novel deep transfer learning method for single-cell RNA sequencing batch correction reveals hidden high-resolution cellular subtypes. <i>Genome Biology</i> , 2019, 20, 165.	8.8	94
5	Correlation Analysis of Histopathology and Proteogenomics Data for Breast Cancer. <i>Molecular and Cellular Proteomics</i> , 2019, 18, S37-S51.	3.8	24
6	Gene Co-Expression Networks Restructured Gene Fusion in Rhabdomyosarcoma Cancers. <i>Genes</i> , 2019, 10, 665.	2.4	5
7	SALMON: Survival Analysis Learning With Multi-Omics Neural Networks on Breast Cancer. <i>Frontiers in Genetics</i> , 2019, 10, 166.	2.3	158
8	Micro-computed tomography of pupal metamorphosis in the solitary bee <i>Megachile rotundata</i> . <i>Arthropod Structure and Development</i> , 2018, 47, 521-528.	1.4	15
9	The geometric framework for nutrition reveals interactions between protein and carbohydrate during larval growth in honey bees. <i>Biology Open</i> , 2017, 6, 872-880.	1.2	21
10	Comparison of the Chemical Compositions of the Cuticle and Dufour's Gland of Two Solitary Bee Species from Laboratory and Field Conditions. <i>Journal of Chemical Ecology</i> , 2017, 43, 451-468.	1.8	11
11	Metamorphosis is induced by food absence rather than a critical weight in the solitary bee, <i>Osmia lignaria</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 10924-10929.	7.1	36
12	Evidence of a hemolymph-born factor that induces onset of maturation in <i>Manduca sexta</i> larvae. <i>Journal of Insect Physiology</i> , 2015, 78, 78-86.	2.0	7
13	Predicting Performance and Plasticity in the Development of Respiratory Structures and Metabolic Systems. <i>Integrative and Comparative Biology</i> , 2014, 54, 307-322.	2.0	13
14	Extended hypoxia in the alfalfa leafcutting bee, <i>Megachile rotundata</i> , increases survival but causes sub-lethal effects. <i>Journal of Insect Physiology</i> , 2014, 64, 81-89.	2.0	30
15	Mass and volume growth of larval insect tracheal system within a single instar. <i>Journal of Experimental Biology</i> , 2013, 216, 4703-11.	1.7	25
16	Percent lipid is associated with body size but not task in the bumble bee <i>Bombus impatiens</i> . <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2011, 197, 1097-1104.	1.6	24