Rodney T Richardson

List of Publications by Year
in descending order

15 papers	**754** citations	840776 **11** h-index	996975 **15** g-index
23 all docs	**23** docs citations	**23** times ranked	**977** citing authors

#	Article	IF	Citations
1	Application of ITS2 metabarcoding to determine the provenance of pollen collected by honey bees in an agroecosystem. Applications in Plant Sciences, 2015, 3, 1400066.	2.1	195
2	Pollen DNA barcoding: current applications and future prospects. Genome, 2016, 59, 629-640.	2.0	166
3	Rank-based characterization of pollen assemblages collected by honey bees using a multi-locus metabarcoding approach. Applications in Plant Sciences, 2015, 3, 1500043.	2.1	100
4	Quantitative multi-locus metabarcoding and waggle dance interpretation reveal honey bee spring foraging patterns in Midwest agroecosystems. Molecular Ecology, 2019, 28, 686-697.	3.9	49
5	Evaluating and optimizing the performance of software commonly used for the taxonomic classification of <scp>DNA</scp> metabarcoding sequence data. Molecular Ecology Resources, 2017, 17, 760-769.	4.8	38
6	Metaxa2 Database Builder: enabling taxonomic identification from metagenomic or metabarcoding data using any genetic marker. Bioinformatics, 2018, 34, 4027-4033.	4.1	36
7	Morphological and functional characterization of honey bee, Apis mellifera, hemocyte cell communities. Apidologie, 2018, 49, 397-410.	2.0	32
8	Characterizing the floral resources of a North American metropolis using a honey bee foraging assay. Ecosphere, 2020, 11, e03102.	2.2	31
9	Application of plant metabarcoding to identify diverse honeybee pollen forage along an urban–agricultural gradient. Molecular Ecology, 2021, 30, 310-323.	3.9	28
10	MetaCurator: A hidden Markov model-based toolkit for extracting and curating sequences from taxonomically-informative genetic markers. Methods in Ecology and Evolution, 2020, 11, 181-186.	5.2	26
11	Flowers in Conservation Reserve Program (CRP) Pollinator Plantings and the Upper Midwest Agricultural Landscape Supporting Honey Bees. Insects, 2020, 11, 405.	2.2	15
12	A reference cytochrome c oxidase subunit I database curated for hierarchical classification of arthropod metabarcoding data. PeerJ, 2018, 6, e5126.	2.0	14
13	Honey Bees and Neonicotinoid-Treated Corn Seed: Contamination, Exposure, and Effects. Environmental Toxicology and Chemistry, 2021, 40, 1212-1221.	4.3	11
14	A screening-level assessment of the pollinator-attractiveness of ornamental nursery stock using a honey bee foraging assay. Scientific Reports, 2020, 10, 831.	3.3	8
15	Controlling critical mistag-associated false discoveries in metagenetic data. Methods in Ecology and Evolution, 2022, 13, 938-944.	5.2	3