

# Phillip Barden

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

29  
papers

479  
citations

11  
h-index

21  
g-index

35  
ext. papers

680  
ext. citations

2.9  
avg, IF

4.57  
L-index

#	Paper	IF	Citations
29	Non-destructive comparative evaluation of fossil amber using terahertz time-domain spectroscopy.. <i>PLoS ONE</i> , <b>2022</b> , 17, e0262983	3.7	1
28	A tardigrade in Dominican amber. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2021</b> , 288, 20211760	17.60	3
27	A Review of Ectoparasitic Fungi Associated With Termites. <i>Annals of the Entomological Society of America</i> , <b>2021</b> , 114, 373-396	2	0
26	Comparative mitochondrial genomics of sponge-dwelling snapping shrimps in the genus <i>Synalpheus</i> : Exploring differences between eusocial and non-eusocial species and insights into phylogenetic relationships in caridean shrimps. <i>Gene</i> , <b>2021</b> , 786, 145624	3.8	1
25	Multidimensional trait morphology predicts ecology across ant lineages. <i>Functional Ecology</i> , <b>2021</b> , 35, 139-152	5.6	11
24	Eusociality Shapes Convergent Patterns of Molecular Evolution across Mitochondrial Genomes of Snapping Shrimps. <i>Molecular Biology and Evolution</i> , <b>2021</b> , 38, 1372-1383	8.3	6
23	Vision-Linked Traits Associated With Antenna Size and Foraging Ecology Across Ants. <i>Insect Systematics and Diversity</i> , <b>2021</b> , 5,	1.8	3
22	The taxonomic impediment: a shortage of taxonomists, not the lack of technical approaches. <i>Zoological Journal of the Linnean Society</i> , <b>2021</b> , 193, 381-387	2.4	16
21	Extinction through Ancient Compound Eyes. <i>American Entomologist</i> , <b>2020</b> , 66, 64-64	0.6	
20	The complete mitochondrial genome of the eusocial sponge-dwelling snapping shrimp <i>Synalpheus microneptunus</i> . <i>Scientific Reports</i> , <b>2020</b> , 10, 7744	4.9	8
19	<i>Hybristodryinus moutesoe</i> (Hymenoptera, Dryinidae), a new species from mid-Cretaceous Kachin (Burmese) amber. <i>Cretaceous Research</i> , <b>2020</b> , 114, 104528	1.8	3
18	New remarkable hell ants (Formicidae: Haidomyrmecinae stat. nov.) from mid-Cretaceous amber of northern Myanmar. <i>Cretaceous Research</i> , <b>2020</b> , 109, 104381	1.8	10
17	Specialized Predation Drives Aberrant Morphological Integration and Diversity in the Earliest Ants. <i>Current Biology</i> , <b>2020</b> , 30, 3818-3824.e4	6.3	15
16	Fossil amber reveals springtailsZlongstanding dispersal by social insects. <i>BMC Evolutionary Biology</i> , <b>2019</b> , 19, 213	3	8
15	Giant ants and their shape: revealing relationships in the genus with geometric morphometrics. <i>PeerJ</i> , <b>2018</b> , 6, e4242	3.1	5
14	Biological Inclusions in Amber from the Paleogene Chickaloon Formation of Alaska. <i>American Museum Novitates</i> , <b>2018</b> , 3908, 1-37	1.1	5
13	Relevant Relicts: The Impact of Fossil Distributions on Biogeographic Reconstruction. <i>Insect Systematics and Diversity</i> , <b>2017</b> , 1, 73-80	1.8	8

12	Where Fossils Dare and Males Matter: combined morphological and molecular analysis untangles the evolutionary history of the spider ant genus <i>Leptomymex</i> Mayr (Hymenoptera : Dolichoderinae). <i>Invertebrate Systematics</i> , <b>2017</b> , 31, 765	1.2	6
11	A new genus of hell ants from the Cretaceous (Hymenoptera: Formicidae: Haidomyrmecini) with a novel head structure. <i>Systematic Entomology</i> , <b>2017</b> , 42, 837-846	3.4	21
10	Incorporating fossils into hypotheses of insect phylogeny. <i>Current Opinion in Insect Science</i> , <b>2016</b> , 18, 69-76	5.1	8
9	Adaptive Radiation in Socially Advanced Stem-Group Ants from the Cretaceous. <i>Current Biology</i> , <b>2016</b> , 26, 515-21	6.3	70
8	Morphologically Specialized Termite Castes and Advanced Sociality in the Early Cretaceous. <i>Current Biology</i> , <b>2016</b> , 26, 522-30	6.3	53
7	The Mesozoic Family Eremochaetidae (Diptera: Brachycera) in Burmese Amber and Relationships of Archisargoidea: Brachycera in Cretaceous Amber, Part VIII. <i>American Museum Novitates</i> , <b>2016</b> , 3865, 1-29 <sup>1.1</sup>		8
6	Long-proboscid brachyceran flies in Cretaceous amber (Diptera: Stratiomyomorpha: Zhangsolvidae). <i>Systematic Entomology</i> , <b>2015</b> , 40, 242-267	3.4	19
5	A diverse ant fauna from the mid-cretaceous of Myanmar (Hymenoptera: Formicidae). <i>PLoS ONE</i> , <b>2014</b> , 9, e93627	3.7	22
4	Direct Optimization, Sensitivity Analysis, and the Evolution of the Hymenopteran Superfamilies. <i>American Museum Novitates</i> , <b>2013</b> , 3789, 1-20	1.1	5
3	A new genus of highly specialized ants in Cretaceous Burmese amber (Hymenoptera: Formicidae). <i>Zootaxa</i> , <b>2013</b> , 3681, 405-12	0.5	26
2	Rediscovery of the Bizarre Cretaceous Ant <i>Haidomyrmex dluskyi</i> (Hymenoptera: Formicidae), with Two New Species. <i>American Museum Novitates</i> , <b>2012</b> , 3755, 1-16	1.1	34
1	Division of labor increases with colony size in the harvester ant <i>Pogonomyrmex californicus</i> . <i>Behavioral Ecology</i> , <b>2011</b> , 22, 960-966	2.3	96