

Jiandong An

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

1,166
citations

623734

14
h-index

414414

32
g-index

37
all docs

37
docs citations

37
times ranked

1194
citing authors

#	ARTICLE	IF	CITATIONS
1	Mutually beneficial pollinator diversity and crop yield outcomes in small and large farms. <i>Science</i> , 2016, 351, 388-391.	12.6	342
2	A global-scale expert assessment of drivers and risks associated with pollinator decline. <i>Nature Ecology and Evolution</i> , 2021, 5, 1453-1461.	7.8	173
3	Unveiling cryptic species of the bumblebee subgenus <i>Bombus</i> s. str. worldwide with COI barcodes (Hymenoptera: Apidae). <i>Systematics and Biodiversity</i> , 2012, 10, 21-56.	1.2	147
4	The bumblebees of North China (Apidae, Bombus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 Td (La	0.5	61
5	Cryptic Bumblebee Species: Consequences for Conservation and the Trade in Greenhouse Pollinators. <i>PLoS ONE</i> , 2012, 7, e32992.	2.5	43
6	Wild insect diversity increases inter-annual stability in global crop pollinator communities. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20210212.	2.6	43
7	Managed Bumblebees Outperform Honeybees in Increasing Peach Fruit Set in China: Different Limiting Processes with Different Pollinators. <i>PLoS ONE</i> , 2015, 10, e0121143.	2.5	33
8	Species diversity, pollination application and strategy for conservation of the bumblebees of China. <i>Biodiversity Science</i> , 2018, 26, 486-497.	0.6	33
9	Early-diverging bumblebees from across the roof of the world: the high-mountain subgenus <i>Mendacibombus</i> revised from speciesâ€™ gene coalescents and morphology (Hymenoptera, Apidae). <i>Zootaxa</i> , 2016, 4204, zootaxa.4204.1.1.	0.5	27
10	Bumblebees, climate and glaciers across the Tibetan plateau (Apidae: <i>Bombus</i> Latreille). <i>Systematics and Biodiversity</i> , 2015, 13, 164-181.	1.2	26
11	Vulnerability of East Asian bumblebee species to future climate and land cover changes. <i>Agriculture, Ecosystems and Environment</i> , 2019, 277, 11-20.	5.3	26
12	Habitat suitability for the invasion of <i>Bombus terrestris</i> in East Asian countries: A case study of spatial overlap with local Chinese bumblebees. <i>Scientific Reports</i> , 2018, 8, 11035.	3.3	23
13	Honeybees are far too insufficient to supply optimum pollination services in agricultural systems worldwide. <i>Agriculture, Ecosystems and Environment</i> , 2022, 335, 108003.	5.3	23
14	Newly discovered colour-pattern polymorphism of <i>Bombus koreanus</i> females (Hymenoptera: Apidae) demonstrated by DNA barcoding. <i>Apidologie</i> , 2015, 46, 250-261.	2.0	19
15	Pollen Release Dynamics and Daily Patterns of Pollen-Collecting Activity of Honeybee <i>Apis mellifera</i> and Bumblebee <i>Bombus lantschouensis</i> in Solar Greenhouse. <i>Insects</i> , 2019, 10, 216.	2.2	14
16	Extreme Food-Plant Specialisation in <i>Megabombus</i> Bumblebees as a Product of Long Tongues Combined with Short Nesting Seasons. <i>PLoS ONE</i> , 2015, 10, e0132358.	2.5	13
17	The bumblebees of Gansu, Northwest China (Hymenoptera, Apidae). <i>Zootaxa</i> , 2011, 2865, 1.	0.5	12
18	Structural Insights into the Preferential Binding of PGRP-SAs from Bumblebees and Honeybees to Dap-Type Peptidoglycans Rather than Lys-Type Peptidoglycans. <i>Journal of Immunology</i> , 2019, 202, 249-259.	0.8	12

#	ARTICLE	IF	CITATIONS
19	De Novo Transcriptomic and Metabolomic Analyses Reveal the Ecological Adaptation of High-Altitude <i>Bombus pyrosoma</i> . <i>Insects</i> , 2020, 11, 631.	2.2	11
20	Factors Influencing the Reproductive Ability of Male Bees: Current Knowledge and Further Directions. <i>Insects</i> , 2021, 12, 529.	2.2	8
21	Analysis of miRNAs in the Heads of Different Castes of the Bumblebee <i>Bombus lantschouensis</i> (Hymenoptera: Apidae). <i>Insects</i> , 2019, 10, 349.	2.2	7
22	Temporal Trends in Pollination Deficits and Its Potential Impacts on Chinese Agriculture. <i>Journal of Economic Entomology</i> , 2021, 114, 1431-1440.	1.8	7
23	Crystal structure of peptidoglycan recognition protein SA in <i>Apis mellifera</i> (Hymenoptera: Apidae). <i>Journal of Structural Biology</i> , 2021, 214, 107637.	7.6	6
24	Diagnostic indicators of wild pollinators for biodiversity monitoring in long-term conservation. <i>Science of the Total Environment</i> , 2020, 708, 135231.	8.0	6
25	Comparative transcriptome analysis reveals regulatory genes involved in cold tolerance and hypoxic adaptation of high-altitude Tibetan bumblebees. <i>Apidologie</i> , 2020, 51, 1166-1181.	2.0	6
26	Characteristics of the Two Asian Bumblebee Species <i>Bombus friseanus</i> and <i>Bombus breviceps</i> (Hymenoptera: Apidae). <i>Insects</i> , 2020, 11, 163.	2.2	6
27	Structural and Functional Analysis of PGRP-LC Indicates Exclusive Dap-Type PGN Binding in Bumblebees. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2441.	4.1	6
28	Complete mitochondrial genome of <i>Bombus consobrinus</i> (Hymenoptera: Apidae). <i>Mitochondrial DNA Part B: Resources</i> , 2017, 2, 770-772.	0.4	5
29	The Potential Influence of Bumble Bee Visitation on Foraging Behaviors and Assemblages of Honey Bees on Squash Flowers in Highland Agricultural Ecosystems. <i>PLoS ONE</i> , 2016, 11, e0144590.	2.5	5
30	Bumblebee Pollination Enhances Yield and Flavor of Tomato in Gobi Desert Greenhouses. <i>Agriculture (Switzerland)</i> , 2022, 12, 795.	3.1	5
31	Colour patterns, distribution and food plants of the Asian bumblebee <i>Bombus bicoloratus</i> (Hymenoptera: Apidae). <i>Apidologie</i> , 2019, 50, 340-352.	2.0	4
32	Landscape-modified concentration effect and waylaying effect of bees and their consequences on pollination of mass-flowering plants in agricultural ecosystems. <i>Agriculture, Ecosystems and Environment</i> , 2019, 280, 24-34.	5.3	4
33	An Evaluation of Habitat Uses and Their Implications for the Conservation of the Chinese Bumblebee <i>Bombus pyrosoma</i> (Hymenoptera: Apidae). <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	2.2	3
34	Worker-Born Males Are Smaller but Have Similar Reproduction Ability to Queen-Born Males in Bumblebees. <i>Insects</i> , 2021, 12, 1008.	2.2	2
35	Preliminary analysis of PGRP-LC gene and structure characteristics in bumblebees. <i>Sociobiology</i> , 2019, 66, 348.	0.5	1
36	The cuckoo bumble bee, <i>Bombus chinensis</i> , has a fragmented habitat, as revealed using the maximum entropy approach (Hymenoptera: Apidae). <i>Apidologie</i> , 2022, 53, .	2.0	1