Michal Grabowski

List of Publications by Year
in descending order

110 papers	3,775 citations	186265 28 h-index	149698 56 g-index
119 all docs	119 docs citations	119 times ranked	3499 citing authors

#	Article	IF	Citations
1	Impacts of invasive alien marine species on ecosystem services and biodiversity: a pan-European review. Aquatic Invasions, 2014, 9, 391-423.	1.6	469
2	DNA barcode reference libraries for the monitoring of aquatic biota in Europe: Gap-analysis and recommendations for future work. Science of the Total Environment, 2019, 678, 499-524.	8.0	336
3	Global diversity of amphipods (Amphipoda; Crustacea) in freshwater. Hydrobiologia, 2008, 595, 241-255.	2.0	279
4	How to be an invasive gammarid (Amphipoda: Gammaroidea)â€“comparison of life history traits. Hydrobiologia, 2007, 590, 75-84.	2.0	200
5	Assessing the risks of aquatic species invasions via european inland waterways: from concepts to environmental indicators. Integrated Environmental Assessment and Management, 2009, 5, 110-126.	2.9	174
6	Alien Crustacea in Polish waters â€“ Amphipoda. Aquatic Invasions, 2007, 2, 25-38.	1.6	125
7	The profile of a â€˜perfectâ€™ invader â€“ the case of killer shrimp, Dikerogammarus villosus. Aquatic Invasions, 2014, 9, 267-288.	1.6	109
8	Recent drastic changes in the gammarid fauna (Crustacea, Amphipoda) of the Vistula River deltaic system in Poland caused by alien invaders. Diversity and Distributions, 2004, 10, 81-87.	4.1	103
9	The legacy of a vanished sea: a high level of diversification within a European freshwater amphipod species complex driven by 15 My of Paratethys regression. Molecular Ecology, 2016, 25, 795-810.	3.9	95
10	Four Ponto-Caspian and one American gammarid species (Crustacea, Amphipoda) recently invading Polish waters. Contributions To Zoology, 2002, 71, 115-122.	0.5	85
11	Assessment of biocontamination of benthic macroinvertebrate communities in European inland waterways. Aquatic Invasions, 2008, 3, 211-230.	1.6	84
12	Diel-feeding activity in early summer of racer goby Neogobius gymnotrachelus (Gobiidae): a new invader in the Baltic basin. Journal of Applied Ichthyology, 2005, 21, 282-286.	0.7	76
13	Salinity-related distribution of alien amphipods in rivers provides refugia for native species. Biological Invasions, 2009, 11, 2107-2117.	2.4	67
14	Invasions of alien gammarid species and retreat of natives in the Vistula Lagoon (Baltic Sea, Poland). Helgoland Marine Research, 2006, 60, 90-97.	1.3	66
15	Neogene paleogeography provides context for understanding the origin and spatial distribution of cryptic diversity in a widespread Balkan freshwater amphipod. PeerJ, 2017, 5, e3016.	2.0	65
16	Out of the Black Sea: Phylogeography of the Invasive Killer Shrimp Dikerogammarus villosus across Europe. PLoS ONE, 2015, 10, e0118121.	2.5	61
17	The â€˜killer shrimpâ€™ Dikerogammarus villosus (Crustacea, Amphipoda) invading Alpine lakes: overland transport by recreational boats and scubaâ€diving gear as potential entry vectors?. Aquatic Conservation: Marine and Freshwater Ecosystems, 2013, 23, 606-618.	2.0	59
18	Continental-scale patterns of hyper-cryptic diversity within the freshwater model taxon Gammarus fossarum (Crustacea, Amphipoda). Scientific Reports, 2020, 10, 16536.	3.3	51

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19	Morphological vs. molecular delineation of taxa across montane regions in Europe: the case study of Gammarus balcanicus SchÃferna, (Crustacea: Amphipoda). Journal of Zoological Systematics and Evolutionary Research, 2014, 52, 237-248.	1.4	50
20	Non-native fish in Belarusian and Polish areas of the European central invasion corridor. Oceanological and Hydrobiological Studies, 2011, 40, 57-67.	0.7	41
21	Non-selective predator - the versatile diet of Amur sleeper (Perccottus gleniiDybowski, 1877) in the Vistula River (Poland), a newly invaded ecosystem. Journal of Applied Ichthyology, 2009, 25, 451-459.	0.7	39
22	Origin of the Lake Ohrid gammarid species flock: ancient local phylogenetic lineage diversification. Journal of Biogeography, 2014, 41, 1758-1768.	3.0	38
23	Rapid colonization of the Polish Baltic coast by an Atlantic palaemonid shrimp Palaemon elegans Rathke, 1837. Aquatic Invasions, 2006, 1, 116-123.	1.6	38
24	Revisiting the phylogeography of Asellus aquaticus in Europe: insights into cryptic diversity and spatiotemporal diversification. Freshwater Biology, 2015, 60, 1824-1840.	2.4	36
25	Parasites, pathogens and commensals in the â€œlow-impactâ€•non-native amphipod host Gammarus roeselii. Parasites and Vectors, 2017, 10, 193.	2.5	35
26	Fatty Acid Composition of Selected Fresh Water Gammarids (Amphipoda, Crustacea): A Potentially Innovative Source of Omegaâ€3 LC PUFA. JAOCS, Journal of the American Oil Chemists' Society, 2007, 84, 827-833.	1.9	34
27	Diet and feeding habits of monkey goby (Neogobius fluviatilis) in a newly invaded area. Biological Invasions, 2009, 11, 2161-2170.	2.4	34
28	Coming home - Boreal ecosystem claims Atlantic sector of the Arctic. Science of the Total Environment, 2021, 771, 144817.	8.0	34
29	Ectozoochory as a possible vector enhancing the spread of an alien amphipod Crangonyx pseudogracilis. Hydrobiologia, 2013, 717, 109-117.	2.0	33
30	Europe-wide reassessment of Dictyocoela (Microsporidia) infecting native and invasive amphipods (Crustacea): molecular versus ultrastructural traits. Scientific Reports, 2018, 8, 8945.	3.3	32
31	A tale of time and depth: intralacustrine radiation in endemicGammarusspecies flock from the ancient Lake Ohrid. Zoological Journal of the Linnean Society, 2013, 167, 345-359.	2.3	31
32	Zoogeography of epigean freshwater Amphipoda (Crustacea) in Romania: fragmented distributions and wide altitudinal variability . Zootaxa, 2014, 3893, 243.	0.5	28
33	Dikerogammarus villosus (Sowinsky, 1894) (Crustacea, Amphipoda) enters Vistula â€“ the biggest river in the Baltic basin. Aquatic Invasions, 2008, 3, 95-98.	1.6	28
34	Lasting through the ice age: The role of the proglacial refugia in the maintenance of genetic diversity, population growth, and high dispersal rate in a widespread freshwater crustacean. Freshwater Biology, 2020, 65, 1028-1046.	2.4	26
35	Cryptic diversity and mtDNA phylogeography of the invasive demon shrimp, Dikerogammarus haemobaphes (Eichwald, 1841), in Europe. NeoBiota, 0, 57, 53-86.	1.0	26
36	Reproductive biology of Dikerogammarus haemobaphes: an invasive gammarid (Crustacea: Amphipoda) colonizing running waters in Central Europe. Biological Invasions, 2009, 11, 2055-2066.	2.4	25

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37	DNA barcoding of Chironomidae from the Lake Skadar region: Reference library and a comparative analysis of the European fauna. Diversity and Distributions, 2022, 28, 2838-2857.	4.1	24
38	Cryptic invasion of Baltic lowlands by freshwater amphipod of Pontic origin. Aquatic Invasions, 2012, 7, 337-346.	1.6	23
39	Persistence of phylogeographic footprints helps to understand cryptic diversity detected in two marine amphipods widespread in the Mediterranean basin. Molecular Phylogenetics and Evolution, 2019, 132, 53-66.	2.7	22
40	Successful post-glacial colonization of Europe by single lineage of freshwater amphipod from its Pannonian Plio-Pleistocene diversification hotspot. Scientific Reports, 2020, 10, 18695.	3.3	22
41	Taxonomic review of freshwater Gammarus (Crustacea: Amphipoda) from Iran. Zootaxa, 2011, 3140, .	0.5	20
42	First record and DNA barcodes of the aquarium shrimp, Neocaridina davidi, in Central Europe from thermally polluted River Oder canal, Poland. Knowledge and Management of Aquatic Ecosystems, 2018, , 14.	1.1	19
43	Description and post-glacial demography ofGammarus jazdzewskiisp. nov. (Crustacea:) Tj ETQq1 1 0.784314 rgBT /Overlock 1	1.2	19
44	Survival in northern microrefugia in an endemic Carpathian gammarid (Crustacea: Amphipoda). Zoologica Scripta, 2018, 47, 357-372.	1.7	18
45	Supplement to the Checklist of water mites (Acari: Hydrachnidia) from the Balkan peninsula. Zootaxa, 2018, 4394, 151-184.	0.5	18
46	Reproductive traits and conservation needs of the endemic gammarid Laurogammarus scutarensis ( ) from the Skadar Lake system, Balkan Peninsula. Limnologica, 2014, 47, 44-51.	1.5	16
47	A DNA barcode reference library for endemic Ponto-Caspian amphipods. Scientific Reports, 2022, 12, .	3.3	16
48	Echinogammarus trichiatus (Martynov, 1932)Ââ€" a new Ponto-Caspian amphipod invader in Poland with remarks on other alien amphipods from the Oder River. Crustaceana, 2013, 86, 1224-1233.	0.3	15
49	Microsporidian infections in the species complex Gammarus roeselii (Amphipoda) over its geographical range: evidence for both hostâ€"parasite co-diversification and recent host shifts. Parasites and Vectors, 2019, 12, 327.	2.5	15
50	Gammarus tigrinus Sexton, 1939 continues its invasion in the Baltic Sea: first record from Bornholm (Denmark). BioInvasions Records, 2019, 8, 862-870.	1.1	15
51	The killer shrimp, Dikerogammarus villosus, invading European Alpine Lakes: A single main source but independent founder events with an overall loss of genetic diversity. Freshwater Biology, 2017, 62, 1036-1051.	2.4	14
52	Contrasting molecular diversity and demography patterns in two intertidal amphipod crustaceans reflect Atlantification of High Arctic. Marine Biology, 2019, 166, 1.	1.5	14
53	Coverage and quality of DNA barcode references for Central and Northern European Odonata. PeerJ, 2021, 9, e11192.	2.0	14
54	First endemic freshwaterGammarusfrom Crete and its evolutionary historyâ€"an integrative taxonomy approach. PeerJ, 2018, 6, e4457.	2.0	14

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55	Molecular species delimitation methods provide new insight into taxonomy of the endemic gammarid species flock from the ancient Lake Ohrid. Zoological Journal of the Linnean Society, 0, , .	2.3	13
56	The Obscure History of the Lake Skadar and Its Biota: A Perspective for Future Research. Handbook of Environmental Chemistry, 2018, , 47-61.	0.4	13
57	Fuzzy species borders of glacial survivalists in the Carpathian biodiversity hotspot revealed using a multimarker approach. Scientific Reports, 2021, 11, 21629.	3.3	13
58	Morphological and molecular evidence for a new shrimp species, Atyaephyra vladoi sp. nov. (Decapoda,) Tj ETQq0 0 0 rgBT /Overlock 10 demographic history. Zoologischer Anzeiger, 2018, 275, 66-79.	0.9	11
59	Caspian invaders vs. Ponto-Caspian locals â€“ range expansion of invasive macroinvertebrates from the Volga Basin results in high biological pollution of the Lower Don River. Management of Biological Invasions, 2020, 11, 178-200.	1.2	11
60	Pleistocene phylogeography and cryptic diversity of a tiger beetle,Calomera littoralis, in North-Eastern Mediterranean and Pontic regions inferred from mitochondrial COI gene sequences. PeerJ, 2016, 4, e2128.	2.0	11
61	Two new Gammarus species (Crustacea, Amphipoda) from warm springs in the south-east pre-alpine area of the Zagros, Iran: habitats with physiological challenges. Zootaxa, 2010, 2546, 31.	0.5	10
62	The Diversity of the Zoobenthos Communities of the Lake Skadar/Shkodra Basin. Handbook of Environmental Chemistry, 2018, , 255-293.	0.4	10
63	Environmental factors affecting water mite assemblages along eucrenon-hypocrenon gradients in Mediterranean karstic springs. Experimental and Applied Acarology, 2019, 77, 471-486.	1.6	10
64	Dictyocoela microsporidia diversity and co-diversification with their host, a gammarid species complex (Crustacea, Amphipoda) with an old history of divergence and high endemic diversity. BMC Evolutionary Biology, 2020, 20, 149.	3.2	10
65	Molecular data suggest multiple origins and diversification times of freshwater gammarids on the Aegean archipelago. Scientific Reports, 2020, 10, 19813.	3.3	10
66	First records raise questions: DNA barcoding of Odonata in the middle of the Mediterranean. Genome, 2021, 64, 196-206.	2.0	10
67	Two new sympatric species of freshwater Gammarus (Crustacea: Amphipoda) from Southern Zagros Region, Iran. Zootaxa, 2009, 2136, 21-39.	0.5	9
68	Further records of Amphipoda from Baltic Eocene amber with first evidence of prae-copulatory behaviour in a fossil amphipod and remarks on the taxonomic position of Palaeogammarus Zaddach, 1864 . Zootaxa, 2014, 3765, 401.	0.5	9
69	Oviposition by selected water mite (Hydrachnidia) species from Lake Skadar and its catchment. Biologia (Poland), 2016, 71, 1027-1033.	1.5	9
70	Distribution, ecology and conservation status of two endemic amphipods,Echinogammarus acarinatusandFontogammarus dalmatinus, from the Dinaric karst rivers, Balkan Peninsula. Annales De Limnologie, 2016, 52, 13-26.	0.6	9
71	Climate change as a possible driver of invasion and differential in HSP70 expression in two genetically distinct populations of the invasive killer shrimp, Dikerogammarus villosus. Biological Invasions, 2018, 20, 2047-2059.	2.4	9
72	Longâ€term withinâ€basin isolation patterns, different conservation units, and interspecific mitochondrial DNA introgression in an amphipod endemic to the ancient Lake Skadar system, Balkan Peninsula. Freshwater Biology, 2020, 65, 209-225.	2.4	9

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73	Mitochondrial Genomes, Phylogenetic Associations, and SNP Recovery for the Key Invasive Ponto-Caspian Amphipods in Europe. International Journal of Molecular Sciences, 2021, 22, 10300.	4.1	9
74	Molecular markers and SEM imaging reveal pseudocryptic diversity within the Ponto-Caspian low-profile amphipod invader Dikerogammarus bispinosus. , 2022, 89, 94-108.		9
75	Alien Crustaceans Along the Southern and Western Baltic Sea. , 2011, , 323-344.		7
76	Freshwater Malacostraca of the Mediterranean Islands â€“ Diversity, Origin, and Conservation Perspectives. , 2021, , 139-220.		7
77	First records of Branchiura sowerbyi Beddard, 1892 (Oligochaeta: Tubificidae) in Greece. Aquatic Invasions, 2009, 4, 365-367.	1.6	7
78	First records of two formerly overlooked Ponto-Caspianamphipods from Turkey: Echinogammarus trichiatus (Martynov, 1932)and Dikerogammarus villosus (Sovinsky, 1894). Turkish Journal of Zoology, 2016, 40, 328-335.	0.9	6
79	Variable dispersal histories across the Drake Passage: The case of coastal benthic Foraminifera. Marine Micropaleontology, 2018, 140, 81-94.	1.2	6
80	The Biodiversity and Biogeographical Characteristics of the River Basins of Montenegro. Handbook of Environmental Chemistry, 2019, , 157-200.	0.4	6
81	Orchestia cavimana Heller, 1865 (Amphipoda: Talitridae) enters freshwater inland habitats in the Vistula River, Poland. Aquatic Invasions, 2009, 4, 689-691.	1.6	6
82	The tale of springs and streams: how different aquatic ecosystems impacted the mtDNA population structure of two riffle beetles in the Western Carpathians. PeerJ, 2020, 8, e10039.	2.0	6
83	Contact Zones, Range Boundaries, and Vertical Distribution of Three Epigean Gammarids (Amphipoda) in the Sudeten and Carpathian Mountains (Poland). Crustaceana, 2011, 84, 153-168.	0.3	5
84	Morphology and molecules say: Tanytarsus latens, sp. nov. from Finland (Diptera: Chironomidae). Zootaxa, 2018, 4471, 569-579.	0.5	5
85	First insights into the diversity and ecology of non-biting midges (Diptera: Chironomidae) of the unique ancient Skadar Lake basin (Montenegro/Albania). Journal of Great Lakes Research, 2022, 48, 538-550.	1.9	5
86	First record of Echinogammarus pungens (H. Milne Edwards, 1840) (Crustacea, Amphipoda) from Africa with the checklist of North African freshwater gammarids. Mediterranean Marine Science, 2014, 15, 443.	1.6	5
87	Dikerogammarus villosus (Sowinsky, 1894) (Crustacea, Amphipoda) colonizes next alpine lake â€“ Lac du Bourget, France. Aquatic Invasions, 2007, 2, 268-271.	1.6	5
88	First insights into the molecular population structure and origins of the invasive Chinese sleeper, Perccottus glenii, in Europe. NeoBiota, 0, 57, 87-107.	1.0	5
89	Gregarines (Apicomplexa) and microsporidians (Microsporidia) of native and invasive gammarids (Amphipoda, Gammaroidea), occurring in Poland. Annals of Parasitology, 2009, 55, 237-47.	0.1	5
90	First record of Jaera istri Veuille, 1979 (Isopoda, Janiridae) in Poland: eastward invasion from the Mittelland Canal. Crustaceana, 2012, 85, 1333-1338.	0.3	4

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91	Isolation and characterization of 8 microsatellite loci for the â€œkiller shrimpâ€™â€™, an invasive Ponto-Caspian amphipod Dikerogammarus villosus (Crustacea: Amphipoda). Molecular Biology Reports, 2015, 42, 13-17.	2.3	4
92	A first insight into the transatlantic population genetic structure of the beach flea, Platorchestia platensis (KrÃ¸yer, 1845). BioInvasions Records, 2018, 7, 165-170.	1.1	4
93	Crangonyx pseudogracilis Bousfield, 1958 â€“ the first alien amphipod crustacean in freshwaters of Iberian Peninsula (Portugal). Knowledge and Management of Aquatic Ecosystems, 2012, , 11.	1.1	3
94	Double origin of the racer goby (Babka gymnotrachelus) in Poland revealed with mitochondrial marker. Possible implications for the species alien/native status. Journal of Limnology, 2015, , .	1.1	3
95	Enhanced fecundity and parasite release in the first amphipod invader on the Iberian Peninsula. Knowledge and Management of Aquatic Ecosystems, 2018, , 21.	1.1	3
96	Environmental determinants of water mite (Acari: Hydrachnidia) distribution in the ancient Lake Skadar system. Journal of Great Lakes Research, 2020, 46, 1090-1098.	1.9	3
97	Further steps of Cryptorchestia garbinii invasion in Polish inland waters with insights into its molecular diversity in Central and Western Europe. Knowledge and Management of Aquatic Ecosystems, 2020, , 17.	1.1	3
98	An integrative approach challenges species hypotheses and provides hints for evolutionary history of two Mediterranean freshwater palaemonid shrimps (Decapoda: Caridea). , 2021, 88, 900-924.		3
99	Wide geographic distribution of overlooked parasites: Rare Microsporidia in Gammarus balcanicus, a species complex with a high rate of endemism. International Journal for Parasitology: Parasites and Wildlife, 2021, 14, 121-129.	1.5	3
100	Updated checklist of Albanian aquatic beetles with first localities of some species of Hydradephaga, Hydrophiloidea and Byrrhoidea (Coleoptera). Oceanological and Hydrobiological Studies, 2010, 39, 155-164.	0.7	2
101	Anthropogenic transformations of river ecosystems are not always bad for the environment: Multi-taxa analyses of changes in aquatic and terrestrial environments after dredging of a small lowland river. PeerJ, 2021, 9, e12224.	2.0	2
102	DNA barcodes evidence the contact zone of eastern and western caddisfly lineages in the Western Carpathians. Scientific Reports, 2021, 11, 24020.	3.3	2
103	First report of Atyaephyra thyamisensis Christodoulou, Antoniou, Magoulas & Koukouras, 2012 (Decapoda, Caridea, Atyidae) from Albania and the Republic of Macedonia confirmed by DNA barcodes. Crustaceana, 2018, 91, 599-610.	0.3	1
104	The value of DNA barcoding in a hotspot area: an example of Rhyacophila tristis (Trichoptera) in the Western Carpathians. ARPHA Conference Abstracts, 0, 4, .	0.0	1
105	DNA barcodes combined with geometric morphometry challenge species hypothesis in palaemonid shrimp. ARPHA Conference Abstracts, 0, 4, .	0.0	1
106	DNA barcode library revealed unknown diversity of chironomid midges in Montenegro. ARPHA Conference Abstracts, 0, 4, .	0.0	0
107	DNA barcoding reveals an unknown Chironomidae diversity from the freshwater biodiversity hot-spot: comparison between local and the European datasets. ARPHA Conference Abstracts, 0, 4, .	0.0	0
108	DNA barcoding in recognition of Gammarusflock diversity and distribution in the ancient Lake Ohrid. ARPHA Conference Abstracts, 0, 4, .	0.0	0

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109	Establishing the first DNA barcode reference library for freshwater decapod species (Crustacea:) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.0	0
110	Outlook: Crustaceans in the Anthropocene. , 2020, , 464-492.		0