

Michal Grabowski

List of Publications by Year in descending order

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Version: 2024-02-01

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	First insights into the diversity and ecology of non-biting midges (Diptera: Chironomidae) of the unique ancient Skadar Lake basin (Montenegro/Albania). <i>Journal of Great Lakes Research</i> , 2022, 48, 538-550.	1.9	5
2	Molecular markers and SEM imaging reveal pseudocryptic diversity within the Ponto-Caspian low-profile amphipod invader <i>Dikerogammarus bispinosus</i> . , 2022, 89, 94-108.		9
3	DNA barcoding of Chironomidae from the Lake Skadar region: Reference library and a comparative analysis of the European fauna. <i>Diversity and Distributions</i> , 2022, 28, 2838-2857.	4.1	24
4	A DNA barcode reference library for endemic Ponto-Caspian amphipods. <i>Scientific Reports</i> , 2022, 12, .	3.3	16
5	First records raise questions: DNA barcoding of Odonata in the middle of the Mediterranean. <i>Genome</i> , 2021, 64, 196-206.	2.0	10
6	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
7	Freshwater Malacostraca of the Mediterranean Islands – Diversity, Origin, and Conservation Perspectives. , 2021, , 139-220.		7
8	Wide geographic distribution of overlooked parasites: Rare Microsporidia in <i>Gammarus balcanicus</i> , a species complex with a high rate of endemism. <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2021, 14, 121-129.	1.5	3
9	Coverage and quality of DNA barcode references for Central and Northern European Odonata. <i>PeerJ</i> , 2021, 9, e11192.	2.0	14
10	Coming home - Boreal ecosystem claims Atlantic sector of the Arctic. <i>Science of the Total Environment</i> , 2021, 771, 144817.	8.0	34
11	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. <i>PeerJ</i> , 2021, 9, e12224.	2.0	2
12	Mitochondrial Genomes, Phylogenetic Associations, and SNP Recovery for the Key Invasive Ponto-Caspian Amphipods in Europe. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10300.	4.1	9
13	Fuzzy species borders of glacial survivalists in the Carpathian biodiversity hotspot revealed using a multimarker approach. <i>Scientific Reports</i> , 2021, 11, 21629.	3.3	13
14	DNA barcodes evidence the contact zone of eastern and western caddisfly lineages in the Western Carpathians. <i>Scientific Reports</i> , 2021, 11, 24020.	3.3	2
15	Environmental determinants of water mite (Acari: Hydrachnidia) distribution in the ancient Lake Skadar system. <i>Journal of Great Lakes Research</i> , 2020, 46, 1090-1098.	1.9	3
16	Long-term within-basin isolation patterns, different conservation units, and interspecific mitochondrial DNA introgression in an amphipod endemic to the ancient Lake Skadar system, Balkan Peninsula. <i>Freshwater Biology</i> , 2020, 65, 209-225.	2.4	9
17	Continental-scale patterns of hyper-cryptic diversity within the freshwater model taxon <i>Gammarus fossarum</i> (Crustacea, Amphipoda). <i>Scientific Reports</i> , 2020, 10, 16536.	3.3	51
18	Successful post-glacial colonization of Europe by single lineage of freshwater amphipod from its Pannonian Plio-Pleistocene diversification hotspot. <i>Scientific Reports</i> , 2020, 10, 18695.	3.3	22

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19	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
20	Molecular data suggest multiple origins and diversification times of freshwater gammarids on the Aegean archipelago. Scientific Reports, 2020, 10, 19813.	3.3	10
21	Further steps of <i>Cryptorchestia garbinii</i> 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
22	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
23	Caspian invaders vs. Ponto-Caspian locals – 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
24	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
25	Outlook: Crustaceans in the Anthropocene. , 2020, , 464-492.		0
26	Microsporidian infections in the species complex <i>Gammarus roeselii</i> (Amphipoda) over its geographical range: evidence for both host–parasite co-diversification and recent host shifts. Parasites and Vectors, 2019, 12, 327.	2.5	15
27	Contrasting molecular diversity and demography patterns in two intertidal amphipod crustaceans reflect Atlantification of High Arctic. Marine Biology, 2019, 166, 1.	1.5	14
28	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
29	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
30	The Biodiversity and Biogeographical Characteristics of the River Basins of Montenegro. Handbook of Environmental Chemistry, 2019, , 157-200.	0.4	6
31	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
32	<i>Gammarus tigrinus</i> Sexton, 1939 continues its invasion in the Baltic Sea: first record from Bornholm (Denmark). BiolInvasions Records, 2019, 8, 862-870.	1.1	15
33	Variable dispersal histories across the Drake Passage: The case of coastal benthic Foraminifera. Marine Micropaleontology, 2018, 140, 81-94.	1.2	6
34	Survival in northern microrefugia in an endemic Carpathian gammarid (Crustacea: Amphipoda). Zoologica Scripta, 2018, 47, 357-372.	1.7	18
35	First report of <i>Atyaephyra thymisensis</i> 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
36	First record and DNA barcodes of the aquarium shrimp, <i>Neocaridina davidi</i> , in Central Europe from thermally polluted River Oder canal, Poland. Knowledge and Management of Aquatic Ecosystems, 2018, , 14.	1.1	19

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37	Description and post-glacial demography of <i>Gammarus jazdzewskii</i> sp. nov. (Crustacea: Tj ETQq1 1 0.784314 rgBT / Overlock 101	1.25	19
38	Morphology and molecules say: <i>Tanytarsus latens</i> , sp. nov. from Finland (Diptera: Chironomidae). <i>Zootaxa</i> , 2018, 4471, 569-579.	0.5	5
39	Supplement to the Checklist of water mites (Acari: Hydrachnidia) from the Balkan peninsula. <i>Zootaxa</i> , 2018, 4394, 151-184.	0.5	18
40	The Diversity of the Zoobenthos Communities of the Lake Skadar/Shkodra Basin. <i>Handbook of Environmental Chemistry</i> , 2018, , 255-293.	0.4	10
41	Climate change as a possible driver of invasion and differential in HSP70 expression in two genetically distinct populations of the invasive killer shrimp, <i>Dikerogammarus villosus</i> . <i>Biological Invasions</i> , 2018, 20, 2047-2059.	2.4	9
42	Enhanced fecundity and parasite release in the first amphipod invader on the Iberian Peninsula. <i>Knowledge and Management of Aquatic Ecosystems</i> , 2018, , 21.	1.1	3
43	Morphological and molecular evidence for a new shrimp species, <i>Atyaephyra vladoi</i> sp. nov. (Decapoda,) Tj ETQq1 1 0.784314 rgBT / Overlock 101 demographic history. <i>Zoologischer Anzeiger</i> , 2018, 275, 66-79.	0.9	11
44	Europe-wide reassessment of <i>Dictyocoela</i> (Microsporidia) infecting native and invasive amphipods (Crustacea): molecular versus ultrastructural traits. <i>Scientific Reports</i> , 2018, 8, 8945.	3.3	32
45	The Obscure History of the Lake Skadar and Its Biota: A Perspective for Future Research. <i>Handbook of Environmental Chemistry</i> , 2018, , 47-61.	0.4	13
46	A first insight into the transatlantic population genetic structure of the beach flea, <i>Platorchestia platensis</i> (KrÅyer, 1845). <i>BiolInvasions Records</i> , 2018, 7, 165-170.	1.1	4
47	First endemic freshwater <i>Gammarus</i> from Crete and its evolutionary history – an integrative taxonomy approach. <i>PeerJ</i> , 2018, 6, e4457.	2.0	14
48	The killer shrimp, <i>Dikerogammarus villosus</i> , invading European Alpine Lakes: A single main source but independent founder events with an overall loss of genetic diversity. <i>Freshwater Biology</i> , 2017, 62, 1036-1051.	2.4	14
49	Parasites, pathogens and commensals in the ‘low-impact’ non-native amphipod host <i>Gammarus roeselii</i> . <i>Parasites and Vectors</i> , 2017, 10, 193.	2.5	35
50	Neogene paleogeography provides context for understanding the origin and spatial distribution of cryptic diversity in a widespread Balkan freshwater amphipod. <i>PeerJ</i> , 2017, 5, e3016.	2.0	65
51	First records of two formerly overlooked Ponto-Caspian amphipods from Turkey: <i>Echinogammarus trichiatus</i> (Martynov, 1932) and <i>Dikerogammarus villosus</i> (Sovinsky, 1894). <i>Turkish Journal of Zoology</i> , 2016, 40, 328-335.	0.9	6
52	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. <i>Molecular Ecology</i> , 2016, 25, 795-810.	3.9	95
53	Oviposition by selected water mite (Hydrachnidia) species from Lake Skadar and its catchment. <i>Biologia (Poland)</i> , 2016, 71, 1027-1033.	1.5	9
54	Distribution, ecology and conservation status of two endemic amphipods, <i>Echinogammarus acarinatus</i> and <i>Fontogammarus dalmatinus</i> , from the Dinaric karst rivers, Balkan Peninsula. <i>Annales De Limnologie</i> , 2016, 52, 13-26.	0.6	9

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55	Pleistocene phylogeography and cryptic diversity of a tiger beetle, <i>Calomera littoralis</i> , in North-Eastern Mediterranean and Pontic regions inferred from mitochondrial COI gene sequences. <i>PeerJ</i> , 2016, 4, e2128.	2.0	11
56	Revisiting the phylogeography of <i>Asellus aquaticus</i> in Europe: insights into cryptic diversity and spatiotemporal diversification. <i>Freshwater Biology</i> , 2015, 60, 1824-1840.	2.4	36
57	Double origin of the racer goby (<i>Babka gymnotrachelus</i>) in Poland revealed with mitochondrial marker. Possible implications for the species alien/native status. <i>Journal of Limnology</i> , 2015, . .	1.1	3
58	Out of the Black Sea: Phylogeography of the Invasive Killer Shrimp <i>Dikerogammarus villosus</i> across Europe. <i>PLoS ONE</i> , 2015, 10, e0118121.	2.5	61
59	Isolation and characterization of 8 microsatellite loci for the "killer shrimp", an invasive Ponto-Caspian amphipod <i>Dikerogammarus villosus</i> (Crustacea: Amphipoda). <i>Molecular Biology Reports</i> , 2015, 42, 13-17.	2.3	4
60	<p>Zoogeography of epigeic freshwater Amphipoda (Crustacea) in Romania:
fragmented distributions and wide altitudinal variability. <i>Zootaxa</i> , 2014, 3893, 243.	0.5	28
61	<p>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</p>. <i>Zootaxa</i> , 2014, 3765, 401.	0.5	9
62	Reproductive traits and conservation needs of the endemic gammarid <i>Laurogammarus scutarensis</i> () from the Skadar Lake system, Balkan Peninsula. <i>Limnologica</i> , 2014, 47, 44-51.	1.5	16
63	Morphological vs. molecular delineation of taxa across montane regions in Europe: the case study of <i>Gammarus balcanicus</i> SchÄferna, (Crustacea: Amphipoda). <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2014, 52, 237-248.	1.4	50
64	Origin of the Lake Ohrid gammarid species flock: ancient local phylogenetic lineage diversification. <i>Journal of Biogeography</i> , 2014, 41, 1758-1768.	3.0	38
65	First record of <i>Echinogammarus pungens</i> (H. Milne Edwards, 1840) (Crustacea, Amphipoda) from Africa with the checklist of North African freshwater gammarids. <i>Mediterranean Marine Science</i> , 2014, 15, 443.	1.6	5
66	The profile of a "perfect" invader " the case of killer shrimp, <i>Dikerogammarus villosus</i> . <i>Aquatic Invasions</i> , 2014, 9, 267-288.	1.6	109
67	Impacts of invasive alien marine species on ecosystem services and biodiversity: a pan-European review. <i>Aquatic Invasions</i> , 2014, 9, 391-423.	1.6	469
68	Ectozoochory as a possible vector enhancing the spread of an alien amphipod <i>Cragonyx pseudogracilis</i> . <i>Hydrobiologia</i> , 2013, 717, 109-117.	2.0	33
69	<i>Echinogammarus trichiatus</i> (Martynov, 1932) " a new Ponto-Caspian amphipod invader in Poland with remarks on other alien amphipods from the Oder River. <i>Crustaceana</i> , 2013, 86, 1224-1233.	0.3	15
70	A tale of time and depth: intralacustrine radiation in endemic <i>Gammarus</i> species flock from the ancient Lake Ohrid. <i>Zoological Journal of the Linnean Society</i> , 2013, 167, 345-359.	2.3	31
71	The "killer shrimp" <i>Dikerogammarus villosus</i> (Crustacea, Amphipoda) invading Alpine lakes: overland transport by recreational boats and scuba-diving gear as potential entry vectors?. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2013, 23, 606-618.	2.0	59
72	First record of <i>Jaera istri</i> Veuille, 1979 (Isopoda, Janiridae) in Poland: eastward invasion from the Mittelland Canal. <i>Crustaceana</i> , 2012, 85, 1333-1338.	0.3	4

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73	<i>Crangonyx pseudogracilis</i> Bousfield, 1958 – the first alien amphipod crustacean in freshwaters of Iberian Peninsula (Portugal). <i>Knowledge and Management of Aquatic Ecosystems</i> , 2012, , 11.	1.1	3
74	Cryptic invasion of Baltic lowlands by freshwater amphipod of Pontic origin. <i>Aquatic Invasions</i> , 2012, 7, 337-346.	1.6	23
75	Alien Crustaceans Along the Southern and Western Baltic Sea. , 2011, , 323-344.		7
76	Non-native fish in Belarusian and Polish areas of the European central invasion corridor. <i>Oceanological and Hydrobiological Studies</i> , 2011, 40, 57-67.	0.7	41
77	Contact Zones, Range Boundaries, and Vertical Distribution of Three Epigeal Gammarids (Amphipoda) in the Sudeten and Carpathian Mountains (Poland). <i>Crustaceana</i> , 2011, 84, 153-168.	0.3	5
78	Taxonomic review of freshwater Gammarus (Crustacea: Amphipoda) from Iran. <i>Zootaxa</i> , 2011, 3140, .	0.5	20
79	Two new Gammarus species (Crustacea, Amphipoda) from warm springs in the south-east pre-alpine area of the Zagros, Iran: habitats with physiological challenges. <i>Zootaxa</i> , 2010, 2546, 31.	0.5	10
80	Updated checklist of Albanian aquatic beetles with first localities of some species of Hydradephaga, Hydrophiloidea and Byrrhoidea (Coleoptera). <i>Oceanological and Hydrobiological Studies</i> , 2010, 39, 155-164.	0.7	2
81	Two new sympatric species of freshwater Gammarus (Crustacea: Amphipoda) from Southern Zagros Region, Iran. <i>Zootaxa</i> , 2009, 2136, 21-39.	0.5	9
82	Reproductive biology of <i>Dikerogammarus haemobaphes</i> : an invasive gammarid (Crustacea: Amphipoda) colonizing running waters in Central Europe. <i>Biological Invasions</i> , 2009, 11, 2055-2066.	2.4	25
83	Diet and feeding habits of monkey goby (<i>Neogobius fluviatilis</i>) in a newly invaded area. <i>Biological Invasions</i> , 2009, 11, 2161-2170.	2.4	34
84	Salinity-related distribution of alien amphipods in rivers provides refugia for native species. <i>Biological Invasions</i> , 2009, 11, 2107-2117.	2.4	67
85	Non-selective predator - the versatile diet of Amur sleeper (<i>Perccottus glenii</i> Dybowski, 1877) in the Vistula River (Poland), a newly invaded ecosystem. <i>Journal of Applied Ichthyology</i> , 2009, 25, 451-459.	0.7	39
86	Assessing the risks of aquatic species invasions via European inland waterways: from concepts to environmental indicators. <i>Integrated Environmental Assessment and Management</i> , 2009, 5, 110-126.	2.9	174
87	First records of <i>Branchiura sowerbyi</i> Beddard, 1892 (Oligochaeta: Tubificidae) in Greece. <i>Aquatic Invasions</i> , 2009, 4, 365-367.	1.6	7
88	<i>Orchestia cavimana</i> Heller, 1865 (Amphipoda: Talitridae) enters freshwater inland habitats in the Vistula River, Poland. <i>Aquatic Invasions</i> , 2009, 4, 689-691.	1.6	6
89	Gregarines (Apicomplexa) and microsporidians (Microsporidia) of native and invasive gammarids (Amphipoda, Gammaroidea), occurring in Poland. <i>Annals of Parasitology</i> , 2009, 55, 237-47.	0.1	5
90	Global diversity of amphipods (Amphipoda; Crustacea) in freshwater. <i>Hydrobiologia</i> , 2008, 595, 241-255.	2.0	279

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91	Dikerogammarus villosus (Sowinsky, 1894) (Crustacea, Amphipoda) enters Vistula – the biggest river in the Baltic basin. Aquatic Invasions, 2008, 3, 95-98.	1.6	28
92	Assessment of biocontamination of benthic macroinvertebrate communities in European inland waterways. Aquatic Invasions, 2008, 3, 211-230.	1.6	84
93	How to be an invasive gammarid (Amphipoda: Gammaroidea) – comparison of life history traits. Hydrobiologia, 2007, 590, 75-84.	2.0	200
94	Fatty Acid Composition of Selected Fresh Water Gammarids (<i>Amphipoda</i>, <i>Crustacea</i>): A Potentially Innovative Source of Omega-3 LC PUFA. JAOCS, Journal of the American Oil Chemists' Society, 2007, 84, 827-833.	1.9	34
95	Alien Crustacea in Polish waters – Amphipoda. Aquatic Invasions, 2007, 2, 25-38.	1.6	125
96	Dikerogammarus villosus (Sowinsky, 1894) (Crustacea, Amphipoda) colonizes next alpine lake – Lac du Bourget, France. Aquatic Invasions, 2007, 2, 268-271.	1.6	5
97	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
98	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
99	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
100	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
101	Four Ponto-Caspian and one American gammarid species (Crustacea, Amphipoda) recently invading Polish waters. Contributions To Zoology, 2002, 71, 115-122.	0.5	85
102	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
103	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
104	DNA barcodes combined with geometric morphometry challenge species hypothesis in palaemonid shrimp. ARPHA Conference Abstracts, 0, 4, .	0.0	1
105	DNA barcode library revealed unknown diversity of chironomid midges in Montenegro. ARPHA Conference Abstracts, 0, 4, .	0.0	0
106	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
107	DNA barcoding in recognition of Gammarusflock diversity and distribution in the ancient Lake Ohrid. ARPHA Conference Abstracts, 0, 4, .	0.0	0
108	Establishing the first DNA barcode reference library for freshwater decapod species (Crustacea: Tj ETQq0 0 0 rgBT /Overlock 0 Tf 50 62	0.0	0

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109	Cryptic diversity and mtDNA phylogeography of the invasive demon shrimp, <i>Dikerogammarus haemobaphes</i> (Eichwald, 1841), in Europe. <i>NeoBiota</i> , 0, 57, 53-86.	1.0	26
110	First insights into the molecular population structure and origins of the invasive Chinese sleeper, <i>Percottus glenii</i> , in Europe. <i>NeoBiota</i> , 0, 57, 87-107.	1.0	5