

Michal Grabowski

List of Publications by Year in descending order

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110
papers

3,775
citations

186209

28
h-index

149623

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. <i>Aquatic Invasions</i> , 2014, 9, 391-423.	0.6	469
2	DNA barcode reference libraries for the monitoring of aquatic biota in Europe: Gap-analysis and recommendations for future work. <i>Science of the Total Environment</i> , 2019, 678, 499-524.	3.9	336
3	Global diversity of amphipods (Amphipoda; Crustacea) in freshwater. <i>Hydrobiologia</i> , 2008, 595, 241-255.	1.0	279
4	How to be an invasive gammarid (Amphipoda: Gammaroidea) – comparison of life history traits. <i>Hydrobiologia</i> , 2007, 590, 75-84.	1.0	200
5	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.	1.6	174
6	Alien Crustacea in Polish waters – Amphipoda. <i>Aquatic Invasions</i> , 2007, 2, 25-38.	0.6	125
7	The profile of a “perfect” invader – the case of killer shrimp, <i>Dikerogammarus villosus</i> . <i>Aquatic Invasions</i> , 2014, 9, 267-288.	0.6	109
8	Recent drastic changes in the gammarid fauna (Crustacea, Amphipoda) of the Vistula River deltaic system in Poland caused by alien invaders. <i>Diversity and Distributions</i> , 2004, 10, 81-87.	1.9	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. <i>Molecular Ecology</i> , 2016, 25, 795-810.	2.0	95
10	Four Ponto-Caspian and one American gammarid species (Crustacea, Amphipoda) recently invading Polish waters. <i>Contributions To Zoology</i> , 2002, 71, 115-122.	0.2	85
11	Assessment of biocontamination of benthic macroinvertebrate communities in European inland waterways. <i>Aquatic Invasions</i> , 2008, 3, 211-230.	0.6	84
12	Diel-feeding activity in early summer of racer goby <i>Neogobius gymnotrachelus</i> (Gobiidae): a new invader in the Baltic basin. <i>Journal of Applied Ichthyology</i> , 2005, 21, 282-286.	0.3	76
13	Salinity-related distribution of alien amphipods in rivers provides refugia for native species. <i>Biological Invasions</i> , 2009, 11, 2107-2117.	1.2	67
14	Invasions of alien gammarid species and retreat of natives in the Vistula Lagoon (Baltic Sea, Poland). <i>Helgoland Marine Research</i> , 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. <i>PeerJ</i> , 2017, 5, e3016.	0.9	65
16	Out of the Black Sea: Phylogeography of the Invasive Killer Shrimp <i>Dikerogammarus villosus</i> across Europe. <i>PLoS ONE</i> , 2015, 10, e0118121.	1.1	61
17	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.	0.9	59
18	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.	1.6	51

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19	Morphological vs. molecular delineation of taxa across montane regions in Europe: the case study of <i>Gammarus balcanicus</i> SchÄferna, (Crustacea: Amphipoda). Journal of Zoological Systematics and Evolutionary Research, 2014, 52, 237-248.	0.6	50
20	Non-native fish in Belarusian and Polish areas of the European central invasion corridor. Oceanological and Hydrobiological Studies, 2011, 40, 57-67.	0.3	41
21	Non-selective predator - the versatile diet of Amur sleeper (<i>Perccottus glenii</i> Dybowski, 1877) in the Vistula River (Poland), a newly invaded ecosystem. Journal of Applied Ichthyology, 2009, 25, 451-459.	0.3	39
22	Origin of the Lake Ohrid gammarid species flock: ancient local phylogenetic lineage diversification. Journal of Biogeography, 2014, 41, 1758-1768.	1.4	38
23	Rapid colonization of the Polish Baltic coast by an Atlantic palaemonid shrimp <i>Palaemon elegans</i> Rathke, 1837. Aquatic Invasions, 2006, 1, 116-123.	0.6	38
24	Revisiting the phylogeography of <i>Asellus aquaticus</i> in Europe: insights into cryptic diversity and spatiotemporal diversification. Freshwater Biology, 2015, 60, 1824-1840.	1.2	36
25	Parasites, pathogens and commensals in the 'low-impact' non-native amphipod host <i>Gammarus roeselii</i> . Parasites and Vectors, 2017, 10, 193.	1.0	35
26	Fatty Acid Composition of Selected Fresh Water Gammarids (Amphipoda, Crustacea): A Potentially Innovative Source of Omega-3 LC PUFA. JAOCS, Journal of the American Oil Chemists' Society, 2007, 84, 827-833.	0.8	34
27	Diet and feeding habits of monkey goby (<i>Neogobius fluviatilis</i>) in a newly invaded area. Biological Invasions, 2009, 11, 2161-2170.	1.2	34
28	Coming home - Boreal ecosystem claims Atlantic sector of the Arctic. Science of the Total Environment, 2021, 771, 144817.	3.9	34
29	Ectozoochory as a possible vector enhancing the spread of an alien amphipod <i>Crangonyx pseudogracilis</i> . Hydrobiologia, 2013, 717, 109-117.	1.0	33
30	Europe-wide reassessment of Dictyocoela (Microsporidia) infecting native and invasive amphipods (Crustacea): molecular versus ultrastructural traits. Scientific Reports, 2018, 8, 8945.	1.6	32
31	A tale of time and depth: intralacustrine radiation in endemic <i>Gammarus</i> species flock from the ancient Lake Ohrid. Zoological Journal of the Linnean Society, 2013, 167, 345-359.	1.0	31
32	Zoogeography of epigeal freshwater Amphipoda (Crustacea) in Romania: fragmented distributions and wide altitudinal variability. Zootaxa, 2014, 3893, 243.	0.2	28
33	<i>Dikerogammarus villosus</i> (Sowinsky, 1894) (Crustacea, Amphipoda) enters Vistula "the biggest river in the Baltic basin. Aquatic Invasions, 2008, 3, 95-98.	0.6	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.	1.2	26
35	Cryptic diversity and mtDNA phylogeography of the invasive demon shrimp, <i>Dikerogammarus haemobaphes</i> (Eichwald, 1841), in Europe. NeoBiota, 0, 57, 53-86.	1.0	26
36	Reproductive biology of <i>Dikerogammarus haemobaphes</i> : an invasive gammarid (Crustacea: Amphipoda) colonizing running waters in Central Europe. Biological Invasions, 2009, 11, 2055-2066.	1.2	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. <i>Diversity and Distributions</i> , 2022, 28, 2838-2857.	1.9	24
38	Cryptic invasion of Baltic lowlands by freshwater amphipod of Pontic origin. <i>Aquatic Invasions</i> , 2012, 7, 337-346.	0.6	23
39	Persistence of phylogeographic footprints helps to understand cryptic diversity detected in two marine amphipods widespread in the Mediterranean basin. <i>Molecular Phylogenetics and Evolution</i> , 2019, 132, 53-66.	1.2	22
40	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.	1.6	22
41	Taxonomic review of freshwater <i>Gammarus</i> (Crustacea: Amphipoda) from Iran. <i>Zootaxa</i> , 2011, 3140, .	0.2	20
42	First record and DNA barcodes of the aquarium shrimp, <i>Neocaridina davidi</i> , in Central Europe from thermally polluted River Oder canal, Poland. <i>Knowledge and Management of Aquatic Ecosystems</i> , 2018, , 14.	0.5	19
43	Description and post-glacial demography of <i>Gammarus jazdzewskii</i> sp. nov. (Crustacea: Amphipoda). <i>Zootaxa</i> , 2011, 3140, .	0.5	19
44	Survival in northern microrefugia in an endemic Carpathian gammarid (Crustacea: Amphipoda). <i>Zoologica Scripta</i> , 2018, 47, 357-372.	0.7	18
45	Supplement to the Checklist of water mites (Acari: Hydrachnidia) from the Balkan peninsula. <i>Zootaxa</i> , 2018, 4394, 151-184.	0.2	18
46	Reproductive traits and conservation needs of the endemic gammarid <i>Laurogammarus scutarensis</i> from the Skadar Lake system, Balkan Peninsula. <i>Limnologia</i> , 2014, 47, 44-51.	0.7	16
47	A DNA barcode reference library for endemic Ponto-Caspian amphipods. <i>Scientific Reports</i> , 2022, 12, .	1.6	16
48	<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.	0.1	15
49	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. <i>Parasites and Vectors</i> , 2019, 12, 327.	1.0	15
50	<i>Gammarus tigrinus</i> Sexton, 1939 continues its invasion in the Baltic Sea: first record from Bornholm (Denmark). <i>BiolInvasions Records</i> , 2019, 8, 862-870.	0.4	15
51	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.	1.2	14
52	Contrasting molecular diversity and demography patterns in two intertidal amphipod crustaceans reflect Atlantification of High Arctic. <i>Marine Biology</i> , 2019, 166, 1.	0.7	14
53	Coverage and quality of DNA barcode references for Central and Northern European Odonata. <i>PeerJ</i> , 2021, 9, e11192.	0.9	14
54	First endemic freshwater <i>Gammarus</i> from Crete and its evolutionary history an integrative taxonomy approach. <i>PeerJ</i> , 2018, 6, e4457.	0.9	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. <i>Zoological Journal of the Linnean Society</i> , 0, , .	1.0	13
56	The Obscure History of the Lake Skadar and Its Biota: A Perspective for Future Research. <i>Handbook of Environmental Chemistry</i> , 2018, , 47-61.	0.2	13
57	Fuzzy species borders of glacial survivalists in the Carpathian biodiversity hotspot revealed using a multimer approach. <i>Scientific Reports</i> , 2021, 11, 21629.	1.6	13
58	Morphological and molecular evidence for a new shrimp species, <i>Atyaephyra vladoi</i> sp. nov. (Decapoda), Tj ETQq0 0 0 rgBT /Overlock 10 demographic history. <i>Zoologischer Anzeiger</i> , 2018, 275, 66-79.	0.4	11
59	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. <i>Management of Biological Invasions</i> , 2020, 11, 178-200.	0.5	11
60	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.	0.9	11
61	Two new <i>Gammarus</i> 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.	0.2	10
62	The Diversity of the Zoobenthos Communities of the Lake Skadar/Shkodra Basin. <i>Handbook of Environmental Chemistry</i> , 2018, , 255-293.	0.2	10
63	Environmental factors affecting water mite assemblages along eucrenon-hypocrenon gradients in Mediterranean karstic springs. <i>Experimental and Applied Acarology</i> , 2019, 77, 471-486.	0.7	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. <i>BMC Evolutionary Biology</i> , 2020, 20, 149.	3.2	10
65	Molecular data suggest multiple origins and diversification times of freshwater gammarids on the Aegean archipelago. <i>Scientific Reports</i> , 2020, 10, 19813.	1.6	10
66	First records raise questions: DNA barcoding of Odonata in the middle of the Mediterranean. <i>Genome</i> , 2021, 64, 196-206.	0.9	10
67	Two new sympatric species of freshwater <i>Gammarus</i> (Crustacea: Amphipoda) from Southern Zagros Region, Iran. <i>Zootaxa</i> , 2009, 2136, 21-39.	0.2	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 <i>Palaeogammarus</i> Zaddach, 1864. <i>Zootaxa</i> , 2014, 3765, 401.	0.2	9
69	Oviposition by selected water mite (Hydrachnidia) species from Lake Skadar and its catchment. <i>Biologia (Poland)</i> , 2016, 71, 1027-1033.	0.8	9
70	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
71	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.	1.2	9
72	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.	1.2	9

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73	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.	1.8	9
74	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
75	Alien Crustaceans Along the Southern and Western Baltic Sea. , 2011, , 323-344.		7
76	Freshwater Malacostraca of the Mediterranean Islands – Diversity, Origin, and Conservation Perspectives. , 2021, , 139-220.		7
77	First records of <i>Branchiura sowerbyi</i> Beddard, 1892 (Oligochaeta: Tubificidae) in Greece. <i>Aquatic Invasions</i> , 2009, 4, 365-367.	0.6	7
78	First records of two formerly overlooked Ponto-Caspian amphipods from Turkey: <i>Echinogammarus trichiatus</i> (Martynov, 1932) and <i>Dikerogammarus villosus</i> (Sowinsky, 1894). <i>Turkish Journal of Zoology</i> , 2016, 40, 328-335.	0.4	6
79	Variable dispersal histories across the Drake Passage: The case of coastal benthic Foraminifera. <i>Marine Micropaleontology</i> , 2018, 140, 81-94.	0.5	6
80	The Biodiversity and Biogeographical Characteristics of the River Basins of Montenegro. <i>Handbook of Environmental Chemistry</i> , 2019, , 157-200.	0.2	6
81	<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.	0.6	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. <i>PeerJ</i> , 2020, 8, e10039.	0.9	6
83	Contact Zones, Range Boundaries, and Vertical Distribution of Three Epigeic Gammarids (Amphipoda) in the Sudeten and Carpathian Mountains (Poland). <i>Crustaceana</i> , 2011, 84, 153-168.	0.1	5
84	Morphology and molecules say: <i>Tanytarsus latens</i> , sp. nov. from Finland (Diptera: Chironomidae). <i>Zootaxa</i> , 2018, 4471, 569-579.	0.2	5
85	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.	0.8	5
86	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.	0.6	5
87	<i>Dikerogammarus villosus</i> (Sowinsky, 1894) (Crustacea, Amphipoda) colonizes next alpine lake – Lac du Bourget, France. <i>Aquatic Invasions</i> , 2007, 2, 268-271.	0.6	5
88	First insights into the molecular population structure and origins of the invasive Chinese sleeper, <i>Perccottus glenii</i> , in Europe. <i>NeoBiota</i> , 0, 57, 87-107.	1.0	5
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	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.	0.1	4

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91	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.	1.0	4
92	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.	0.4	4
93	<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.	0.5	3
94	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, , .	0.3	3
95	Enhanced fecundity and parasite release in the first amphipod invader on the Iberian Peninsula. <i>Knowledge and Management of Aquatic Ecosystems</i> , 2018, , 21.	0.5	3
96	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.	0.8	3
97	Further steps of <i>Cryptorchestia garbini</i> invasion in Polish inland waters with insights into its molecular diversity in Central and Western Europe. <i>Knowledge and Management of Aquatic Ecosystems</i> , 2020, , 17.	0.5	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 <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.	0.6	3
100	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.	0.3	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. <i>PeerJ</i> , 2021, 9, e12224.	0.9	2
102	DNA barcodes evidence the contact zone of eastern and western caddisfly lineages in the Western Carpathians. <i>Scientific Reports</i> , 2021, 11, 24020.	1.6	2
103	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. <i>Crustaceana</i> , 2018, 91, 599-610.	0.1	1
104	The value of DNA barcoding in a hotspot area: an example of <i>Rhyacophila tristis</i> (Trichoptera) in the Western Carpathians. <i>ARPHA Conference Abstracts</i> , 0, 4, .	0.0	1
105	DNA barcodes combined with geometric morphometry challenge species hypothesis in palaemonid shrimp. <i>ARPHA Conference Abstracts</i> , 0, 4, .	0.0	1
106	DNA barcode library revealed unknown diversity of chironomid midges in Montenegro. <i>ARPHA Conference Abstracts</i> , 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. <i>ARPHA Conference Abstracts</i> , 0, 4, .	0.0	0
108	DNA barcoding in recognition of <i>Gammarus</i> flock diversity and distribution in the ancient Lake Ohrid. <i>ARPHA Conference Abstracts</i> , 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 0.784314rgBT /Qverlock 10	0.0	0
110	Outlook: Crustaceans in the Anthropocene. , 2020, , 464-492.		0