

# Diana Maria Paola Galassi

## List of Publications by Year in descending order

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Version: 2024-02-01

95  
papers

2,865  
citations

185998

28  
h-index

205818

48  
g-index

95  
all docs

95  
docs citations

95  
times ranked

2110  
citing authors

#	ARTICLE	IF	CITATIONS
1	Brazilian cave heritage under siege. <i>Science</i> , 2022, 375, 1238-1239.	6.0	32
2	Towards evidence-based conservation of subterranean ecosystems. <i>Biological Reviews</i> , 2022, 97, 1476-1510.	4.7	39
3	The Influence of the Recording Time in Modelling the Swimming Behaviour of the Freshwater Inbenthic Copepod <i>Bryocamptus pygmaeus</i> . <i>Water (Switzerland)</i> , 2022, 14, 1996.	1.2	1
4	Drivers of functional diversity in the hyporheic zone of a large river. <i>Science of the Total Environment</i> , 2022, 843, 156985.	3.9	5
5	The impact of nitrate on the groundwater assemblages of European unconsolidated aquifers is likely less severe than expected. <i>Environmental Science and Pollution Research</i> , 2021, 28, 11518-11527.	2.7	12
6	An Overview of Studies on Meiofaunal Traits of the Littoral Zone of Lakes. <i>Water (Switzerland)</i> , 2021, 13, 473.	1.2	8
7	Don't forget subterranean ecosystems in climate change agendas. <i>Nature Climate Change</i> , 2021, 11, 458-459.	8.1	46
8	Linking Hydrogeology and Ecology in Karst Landscapes: The Response of Epigeal and Obligate Groundwater Copepods (Crustacea: Copepoda). <i>Water (Switzerland)</i> , 2021, 13, 2106.	1.2	6
9	A conservation roadmap for the subterranean biome. <i>Conservation Letters</i> , 2021, 14, e12834.	2.8	31
10	Getting the most out of the hotspot for practical conservation of groundwater biodiversity. <i>Global Ecology and Conservation</i> , 2021, 31, e01844.	1.0	20
11	Effects of diclofenac on the swimming behavior and antioxidant enzyme activities of the freshwater interstitial crustacean <i>Bryocamptus pygmaeus</i> (Crustacea, Harpacticoida). <i>Science of the Total Environment</i> , 2021, 799, 149461.	3.9	11
12	Taxonomic and functional trait variation along a gradient of ammonium contamination in the hyporheic zone of a Mediterranean stream. <i>Ecological Indicators</i> , 2021, 132, 108268.	2.6	16
13	The weighted Groundwater Health Index (wGHI) by Korbelt and Hose (2017) in European groundwater bodies in nitrate vulnerable zones. <i>Ecological Indicators</i> , 2020, 116, 106525.	2.6	11
14	Assessment of Different Contaminants in Freshwater: Origin, Fate and Ecological Impact. <i>Water (Switzerland)</i> , 2020, 12, 1810.	1.2	5
15	A new protocol for assessing the conservation priority of groundwater-dependent ecosystems. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2020, 30, 1483-1504.	0.9	17
16	Jumping into the grids: mapping biodiversity hotspots in groundwater habitat types across Europe. <i>Ecography</i> , 2020, 43, 1825-1841.	2.1	28
17	Spatial distribution of stygobitic crustacean harpacticoids at the boundaries of groundwater habitat types in Europe. <i>Scientific Reports</i> , 2020, 10, 19043.	1.6	14
18	Characteristics, Main Impacts, and Stewardship of Natural and Artificial Freshwater Environments: Consequences for Biodiversity Conservation. <i>Water (Switzerland)</i> , 2020, 12, 260.	1.2	117

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19	How far may life venture? Observations on the harpacticoid copepod <i>Phyllognathopus viguieri</i> under extreme stress conditions. <i>Aquatic Ecology</i> , 2019, 53, 629-637.	0.7	1
20	Environmental risk assessment of propranolol in the groundwater bodies of Europe. <i>Environmental Pollution</i> , 2019, 255, 113189.	3.7	24
21	Scientists' Warning on the Conservation of Subterranean Ecosystems. <i>BioScience</i> , 2019, 69, 641-650.	2.2	170
22	Recommendations for ecotoxicity testing with stygobiotic species in the framework of groundwater environmental risk assessment. <i>Science of the Total Environment</i> , 2019, 681, 292-304.	3.9	43
23	Potential of A Trait-Based Approach in the Characterization of An N-Contaminated Alluvial Aquifer. <i>Water (Switzerland)</i> , 2019, 11, 2553.	1.2	10
24	AQUALIFE Software: A New Tool for a Standardized Ecological Assessment of Groundwater Dependent Ecosystems. <i>Water (Switzerland)</i> , 2019, 11, 2574.	1.2	14
25	Marble Slurry's Impact on Groundwater: The Case Study of the Apuan Alps Karst Aquifers. <i>Water (Switzerland)</i> , 2019, 11, 2462.	1.2	17
26	The role of freshwater copepods in the environmental risk assessment of caffeine and propranolol mixtures in the surface water bodies of Spain. <i>Chemosphere</i> , 2019, 220, 227-236.	4.2	33
27	Discovery of a new species of the genus <i>Stygepactophanes</i> from a groundwater-fed spring in southern France (Crustacea, Copepoda, Harpacticoida, Canthocamptidae). <i>ZooKeys</i> , 2019, 812, 69-91.	0.5	1
28	Earthquake impacts on microcrustacean communities inhabiting groundwater-fed springs alter species-abundance distribution patterns. <i>Scientific Reports</i> , 2018, 8, 1501.	1.6	19
29	Groundwater drift monitoring as a tool to assess the spatial distribution of groundwater species into karst aquifers. <i>Hydrobiologia</i> , 2018, 813, 137-156.	1.0	20
30	Island biogeography of insect conservation in urban green spaces. <i>Environmental Conservation</i> , 2018, 45, 1-10.	0.7	31
31	Ecology-based evaluation of groundwater ecosystems under intensive agriculture: A combination of community analysis and sentinel exposure. <i>Science of the Total Environment</i> , 2018, 613-614, 1353-1366.	3.9	19
32	The ecotoxicity of binary mixtures of Imazamox and ionized ammonia on freshwater copepods: Implications for environmental risk assessment in groundwater bodies. <i>Ecotoxicology and Environmental Safety</i> , 2018, 149, 72-79.	2.9	21
33	Ecological risk assessment of pesticide mixtures in the alluvial aquifers of central Italy: Toward more realistic scenarios for risk mitigation. <i>Science of the Total Environment</i> , 2018, 644, 161-172.	3.9	36
34	Test procedures for measuring the (sub)chronic effects of chemicals on the freshwater cyclopoid <i>Eucyclops serrulatus</i> . <i>Chemosphere</i> , 2017, 173, 89-98.	4.2	13
35	Effect of ammonia on the gene expression levels of the freshwater cyclopoid <i>Eucyclops serrulatus</i> . <i>Environmental Toxicology and Pharmacology</i> , 2017, 51, 138-141.	2.0	11
36	Do benthic invertebrates use hyporheic refuges during streambed drying? A manipulative field experiment in nested hyporheic flowpaths. <i>Ecohydrology</i> , 2017, 10, e1865.	1.1	16

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37	Evaluation of the sources of nitrogen compounds and their influence on the biological communities in the hyporheic zone of the Sagittario River, Italy: an isotopic and biological approach. Italian Journal of Geosciences, 2017, 136, 145-156.	0.4	9
38	Earthquake-Related Changes in Species Spatial Niche Overlaps in Spring Communities. Scientific Reports, 2017, 7, 443.	1.6	19
39	Groundwater biodiversity in a chemoautotrophic cave ecosystem: how geochemistry regulates microcrustacean community structure. Aquatic Ecology, 2017, 51, 75-90.	0.7	30
40	Effect of Temperature Rising on the Stygobitic Crustacean Species Diacyclops belgicus: Does Global Warming Affect Groundwater Populations?. Water (Switzerland), 2017, 9, 951.	1.2	33
41	Characterization of Macroinvertebrate Communities in the Hyporheic Zone of River Ecosystems Reflects the Pump-Sampling Technique Used. PLoS ONE, 2016, 11, e0164372.	1.1	14
42	When human needs meet beetle preferences: tenebrionid beetle richness covaries with human population on the Mediterranean islands. Insect Conservation and Diversity, 2016, 9, 369-373.	1.4	8
43	Role of urban green spaces for saproxylic beetle conservation: a case study of tenebrionids in Rome, Italy. Journal of Insect Conservation, 2016, 20, 737-745.	0.8	19
44	Bioenergetic cost of living in polluted freshwater bodies: respiration rates of the cyclopoid Eucyclops serrulatus under ammonia-N exposures. Fundamental and Applied Limnology, 2016, 188, 147-156.	0.4	10
45	Trapped in the web of water: Groundwater-fed springs are island-like ecosystems for the meiofauna. Ecology and Evolution, 2016, 6, 8389-8401.	0.8	27
46	A new family Lepidocharontidae with description of Lepidocharon gen. n., from the Great Barrier Reef, Australia, and redefinition of the Microparasellidae (Isopoda, Asellota). ZooKeys, 2016, 594, 11-50.	0.5	4
47	Temperature effect on the sensitivity of the copepod Eucyclops serrulatus (Crustacea, Copepoda). Tj ETQq1 1 0.784314 rgBT /Overlook 629-640.	0.9	22
48	Biodiversity in mountain groundwater: the Mercantour National Park (France) as a European hotspot. Zoosystema, 2015, 37, 529-550.	0.2	10
49	Genomic Resources Notes Accepted 1 October 2014-30 November 2014. Molecular Ecology Resources, 2015, 15, 458-459.	2.2	6
50	Occurrence of volatile organic compounds in shallow alluvial aquifers of a Mediterranean region: Baseline scenario and ecological implications. Science of the Total Environment, 2015, 538, 712-723.	3.9	27
51	Metabolic rates of a hypogean and an epigean species of copepod in an alluvial aquifer. Freshwater Biology, 2015, 60, 426-435.	1.2	30
52	Dual-flow in karst aquifers toward a steady discharge spring (Presciano, Central Italy): influences on a subsurface groundwater dependent ecosystem and on changes related to post-earthquake hydrodynamics. Environmental Earth Sciences, 2015, 73, 2609-2625.	1.3	19
53	Multi-causality and spatial non-stationarity in the determinants of groundwater crustacean diversity in Europe. Ecography, 2015, 38, 531-540.	2.1	44
54	The dark side of springs: what drives small-scale spatial patterns of subsurface meiofaunal assemblages?. Journal of Limnology, 2014, 73, .	0.3	30

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55	Human alteration of groundwater-surface water interactions (Sagittario River, Central Italy): implication for flow regime, contaminant fate and invertebrate response. <i>Environmental Earth Sciences</i> , 2014, 71, 1791-1807.	1.3	41
56	Sensitivity of hypogean and epigeal freshwater copepods to agricultural pollutants. <i>Environmental Science and Pollution Research</i> , 2014, 21, 4643-4655.	2.7	46
57	Geographic variation in range size and beta diversity of groundwater crustaceans: insights from habitats with low thermal seasonality. <i>Global Ecology and Biogeography</i> , 2014, 23, 1135-1145.	2.7	123
58	Reply to comment by James W. Roy and Serban Danielescu on "Assessing invertebrate assemblages in the subsurface zone of stream sediments (0-15 cm deep) using a hyporheic sampler". <i>Water Resources Research</i> , 2014, 50, 9124-9125.	1.7	1
59	Assessing invertebrate assemblages in the subsurface zone of stream sediments (0-15 cm deep) using a hyporheic sampler. <i>Water Resources Research</i> , 2014, 50, 453-465.	1.7	17
60	Earthquakes trigger the loss of groundwater biodiversity. <i>Scientific Reports</i> , 2014, 4, 6273.	1.6	66
61	Developmental endpoints of chronic exposure to suspected endocrine-disrupting chemicals on benthic and hyporheic freshwater copepods. <i>Ecotoxicology and Environmental Safety</i> , 2013, 96, 86-92.	2.9	23
62	Incorporating the hyporheic zone within the river discontinuum: Longitudinal patterns of subsurface copepod assemblages in an Alpine stream. <i>Limnologia</i> , 2013, 43, 288-296.	0.7	29
63	Dissecting copepod diversity at different spatial scales in southern European groundwater. <i>Journal of Natural History</i> , 2013, 47, 821-840.	0.2	6
64	Agricultural impact on Mediterranean alluvial aquifers: do groundwater communities respond?. <i>Fundamental and Applied Limnology</i> , 2013, 182, 271-282.	0.4	44
65	Nitrate source and fate at the catchment scale of the Vibrata River and aquifer (central Italy): an analysis by integrating component approaches and nitrogen isotopes. <i>Environmental Earth Sciences</i> , 2012, 67, 2383-2398.	1.3	31
66	Systematics of the Phyllognathopodidae (Copepoda, Harpacticoida): re-examination of <i>Phyllognathopus viguieri</i> (Maupas, 1892) and <i>Parbatocamptus jochenmartensi</i> Dumont and Maas, 1988, proposal of a new genus for <i>Phyllognathopus bassoti</i> Rouch, 1972, and description of a new species of <i>Phyllognathopus</i> . <i>ZooKeys</i> , 2011, 104, 1-65.	0.5	14
67	Stygobiotic crustacean species richness: a question of numbers, a matter of scale. <i>Hydrobiologia</i> , 2010, 653, 217-234.	1.0	86
68	Stygobiotic crustacean species richness: a question of numbers, a matter of scale. , 2010, , 217-234.		3
69	Relative Sensitivity of Hyporheic Copepods to Chemicals. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2009, 82, 488-491.	1.3	26
70	Groundwater biodiversity in Europe. <i>Freshwater Biology</i> , 2009, 54, 709-726.	1.2	131
71	Diversity, ecology and evolution of groundwater copepods. <i>Freshwater Biology</i> , 2009, 54, 691-708.	1.2	124
72	Towards an optimal sampling strategy to assess groundwater biodiversity: comparison across six European regions. <i>Freshwater Biology</i> , 2009, 54, 777-796.	1.2	91

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73	Biodiversity indicators in European ground waters: towards a predictive model of stygobiotic species richness. <i>Freshwater Biology</i> , 2009, 54, 745-755.	1.2	51
74	Groundwater biodiversity patterns in the Lessinian Massif of northern Italy. <i>Freshwater Biology</i> , 2009, 54, 830-847.	1.2	70
75	Towards a revision of the genus <i>Parastenocaris</i> Kessler, 1913: establishment of <i>Simplicaris</i> gen. nov. from groundwaters in central Italy and review of the <i>P. brevipes</i> -group (Copepoda, Harpacticoida,) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10</i>	0.8	2
76	Longitudinal patterns of invertebrates in the hyporheic zone of a glacial river. <i>Freshwater Biology</i> , 2003, 48, 1709-1725.	1.2	65
77	<i>Microcharon novariensis</i> , a new microparasellid isopod from groundwater in Italy (Crustacea,) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10</i>	0.8	2
78	Groundwater copepods: diversity patterns over ecological and evolutionary scales. <i>Hydrobiologia</i> , 2001, 453/454, 227-253.	1.0	93
79	Groundwater copepods: diversity patterns over ecological and evolutionary scales. , 2001, , 227-253.		21
80	The biology and ecology of lotic microcrustaceans. <i>Freshwater Biology</i> , 2000, 44, 63-91.	1.2	202
81	Phylogeny and biogeography of the genus <i>Pseudectinosoma</i> , and description of <i>P. janineae</i> sp. n. (Crustacea, Copepoda, Ectinosomatidae). <i>Zoologica Scripta</i> , 1999, 28, 289-303.	0.7	28
82	Title is missing!. <i>Hydrobiologia</i> , 1999, 412, 177-189.	1.0	15
83	Little Known Harpacticoid Copepods From Italy, and Description of <i>Parastenocaris Crenobia</i> N. Sp. (Copepoda, Harpacticoida). <i>Crustaceana</i> , 1997, 70, 694-709.	0.1	16
84	Two new species of <i>Nitocrella</i> from groundwaters of Italy (Crustacea, Copepoda, Harpacticoida). <i>Italian Journal of Zoology</i> , 1997, 64, 367-376.	0.6	12
85	Title is missing!. , 1997, 356, 81-86.		9
86	The genus <i>Pseudectinosoma</i> KUNZ, 1935: an update, and description of <i>Pseudectinosoma kunzi</i> sp. n. from Italy (Crustacea: Copepoda: Ectinosomatidae). <i>Archiv für Hydrobiologie</i> , 1997, 139, 277-287.	1.1	11
87	<i>Parastenocaris lorenzae</i> n.sp., and first record of <i>Parastenocaris glacialis</i> Noodt (Copepoda,) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10</i>	1.0	10
88	<i>Elaphoidella plesain</i> . sp., from ground waters of Austria (Copepoda Harpacticoida : Canthocamptidae). <i>Annales De Limnologie</i> , 1994, 30, 91-94.	0.6	3
89	<i>Metacyclops Geltrudeae</i> N. Sp., a New Cyclopid From Ground Waters of Venezuela (Copepoda,) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10</i>	0.1	2
90	First Record of <i>Diacyclops Hypnicola</i> (Gurney, 1927) (Copepoda, Cyclopidae) From North America. <i>Crustaceana</i> , 1991, 60, 319-321.	0.1	2

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91	Crustaceana, 1991, 60, 1-6.	0.1	4
92	Discovery of the First Representative of the Genus Neocyclops Gurney (Copepoda, Halicyclopinae) in	0.1	1
93	New or rare species of Diacyclops Kiefer, 1927 (Copepoda, Cyclopoida) from different groundwater habitats in Italy. Hydrobiologia, 1987, 148, 103-114.	1.0	13
94	Exploring copepod distribution patterns at three nested spatial scales in a spring system: habitat partitioning and potential for hydrological bioindication. Journal of Limnology, 0, , .	0.3	10
95	Patterns Of Copepod Diversity (Copepoda: Cyclopoida, Harpacticoida) In Springs Of Central Italy: Implications For Conservation Issues. , 0, , 199-226.		1