

Bruno Rossaro

List of Publications by Year in descending order

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Version: 2024-02-01

69
papers

1,796
citations

304743

22
h-index

302126

39
g-index

71
all docs

71
docs citations

71
times ranked

2166
citing authors

#	ARTICLE	IF	CITATIONS
1	Collective Behaviour without Collective Order in Wild Swarms of Midges. <i>PLoS Computational Biology</i> , 2014, 10, e1003697.	3.2	182
2	Finite-Size Scaling as a Way to Probe Near-Criticality in Natural Swarms. <i>Physical Review Letters</i> , 2014, 113, 238102.	7.8	137
3	When the cure killsâ€”CBD limits biodiversity research. <i>Science</i> , 2018, 360, 1405-1406.	12.6	99
4	Chironomids and water temperature. <i>Aquatic Insects</i> , 1991, 13, 87-98.	0.9	87
5	Chironomid (Diptera: Chironomidae) communities in six European glacier-fed streams. <i>Freshwater Biology</i> , 2001, 46, 1791-1809.	2.4	85
6	Microdistribution of chironomids (Diptera: Chironomidae) in Alpine streams: an autoecological perspective. <i>Hydrobiologia</i> , 2005, 533, 61-76.	2.0	76
7	Environmental features influencing Carabid beetle (Coleoptera) assemblages along a recently deglaciated area in the Alpine region. <i>Ecological Entomology</i> , 2007, 32, 682-689.	2.2	60
8	Chironomids as bioindicators of environmental quality in mountain springs. <i>Freshwater Science</i> , 2012, 31, 525-541.	1.8	59
9	Epigeal Arthropod Succession along a 154-year Glacier Foreland Chronosequence in the Forni Valley (Central Italian Alps). <i>Arctic, Antarctic, and Alpine Research</i> , 2006, 38, 357-362.	1.1	56
10	Chironomids from Southern Alpine Running Waters: Ecology, Biogeography*. <i>Hydrobiologia</i> , 2006, 562, 231-246.	2.0	53
11	A biotic index using benthic macroinvertebrates for Italian lakes. <i>Ecological Indicators</i> , 2007, 7, 412-429.	6.3	51
12	Landscapeâ€”stream interactions and habitat conservation for amphibians. , 2011, 21, 1272-1282.		50
13	Benthic macroinvertebrates in Italian rice fields. <i>Journal of Limnology</i> , 2013, 72, 15.	1.1	50
14	A review of Spinosyns, a derivative of biological acting substances as a class of insecticides with a broad range of action against many insect pests. <i>Journal of Entomological and Acarological Research</i> , 2016, 48, 40.	0.7	50
15	Modelling lake macroinvertebrate species in the shallow sublittoral: relative roles of habitat, lake morphology, aquatic chemistry and sediment composition. <i>Hydrobiologia</i> , 2009, 633, 123-136.	2.0	49
16	Responses of Chironomid larvae (insecta, Diptera) to ecological quality in Mediterranean river mesohabitats (South Italy). <i>River Research and Applications</i> , 2010, 26, 1036-1051.	1.7	43
17	A review of sulfoxaflor, a derivative of biological acting substances as a class of insecticides with a broad range of action against many insect pests. <i>Journal of Entomological and Acarological Research</i> , 2018, 50, .	0.7	39
18	Diversity and distribution of chironomids (Diptera, Chironomidae) in pristine Alpine and pre-Alpine springs (Northern Italy). <i>Journal of Limnology</i> , 2011, 70, 106.	1.1	38

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19	Integrated Taxonomy and DNA Barcoding of Alpine Midges (Diptera: Chironomidae). PLoS ONE, 2016, 11, e0149673.	2.5	34
20	Macroinvertebrate assemblages in glacial stream systems: A comparison of linear multivariate methods with artificial neural networks. Ecological Modelling, 2007, 203, 119-131.	2.5	33
21	Macroinvertebrate distribution in streams: a comparison of CA ordination with biotic indices. Hydrobiologia, 1993, 263, 109-118.	2.0	28
22	Increased alanine concentration is associated with exposure to fenitrothion but not carbamates in Chironomus riparius larvae. Ecotoxicology and Environmental Safety, 2007, 66, 326-334.	6.0	27
23	Zoobenthic Communities of Inlets and Outlets of High Altitude Alpine Lakes. Hydrobiologia, 2006, 562, 217-229.	2.0	25
24	Transcriptional profiling induced by pesticides employed in organic agriculture in a wild population of Chironomus riparius under laboratory conditions. Science of the Total Environment, 2016, 557-558, 183-191.	8.0	25
25	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
26	Contrasting chironomid assemblages in two high Arctic streams on Svalbard. Fundamental and Applied Limnology, 2007, 170, 211-222.	0.7	23
27	Predicting PCB concentrations in cow milk: validation of a fugacity model in high-mountain pasture conditions. Science of the Total Environment, 2014, 487, 471-480.	8.0	21
28	Factors that determine chironomidae species distribution in fresh waters. Bollettino Di Zoologia, 1991, 58, 281-286.	0.3	19
29	Response of macroinvertebrate communities to anthropogenic pressures in Tajan River (Iran). Biologia (Poland), 2014, 69, 1395-1409.	1.5	17
30	Biomarkers in Caddisfly Larvae of the Species Hydropsyche pellucidula (Curtis, 1834) (Trichoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Bulletin of Environmental Contamination and Toxicology, 2006, 76, 863-870.	2.7	16
31	A key to larvae of Diamesa Meigen, 1835 (Diptera, Chironomidae), well known as adult males and pupae from Alps (Europe). Journal of Entomological and Acarological Research, 2015, 47, 123.	0.7	16
32	Mouthpart Deformities and Nucleolus Activity in Field-Collected Chironomus riparius Larvae. Archives of Environmental Contamination and Toxicology, 2002, 42, 405-409.	4.1	14
33	Tools for the development of a benthic quality index for Italian lakes. Journal of Limnology, 2006, 65, 41.	1.1	14
34	Environmental traits affect chironomid communities in glacial areas of the Southern Alps: evidence from a long-lasting case study. Insect Conservation and Diversity, 2016, 9, 192-201.	3.0	14
35	A comparison of different biotic indices based on benthic macro-invertebrates in Italian lakes. Journal of Limnology, 2011, 70, 109.	1.1	13
36	Chironomids of stony bottom streams: a detrended correspondence analysis. Archiv FÄ¼r Hydrobiologie, 1991, 122, 79-93.	1.1	13

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37	The relationship between body size, pupal thoracic horn development and dissolved oxygen in Chironomini (Diptera: Chironomidae). <i>Fundamental and Applied Limnology</i> , 2007, 169, 331-339.	0.7	11
38	Mid-Po River zooplankton. <i>Hydrobiologia</i> , 1988, 160, 97-105.	2.0	10
39	Environmental factors affecting the distribution of Chironomid larvae of the Seybouse wadi, North-Eastern Algeria. <i>Journal of Limnology</i> , 2013, 72, 16.	1.1	10
40	The species of the genus <i>Diamesa</i> (Diptera, Chironomidae) known to occur in Italian Alps and Appennines. <i>Zootaxa</i> , 2016, 4193, zootaxa.4193.2.7.	0.5	10
41	Predicting pesticide fate in the hive (part 2): development of a dynamic hive model. <i>Apidologie</i> , 2011, 42, 439-456.	2.0	9
42	Leucine transport in membrane vesicles from <i>Chironomus riparius</i> larvae displays a range of crown-group features. <i>Archives of Insect Biochemistry and Physiology</i> , 2001, 48, 51-62.	1.5	8
43	Biomonitoring of lake sediments using benthic macroinvertebrates. <i>TrAC - Trends in Analytical Chemistry</i> , 2012, 36, 92-102.	11.4	8
44	What drives benthic macroinvertebrate dispersal in different lake substrata? The case of three Mediterranean lakes. <i>Aquatic Ecology</i> , 2021, 55, 1033-1050.	1.5	8
45	A benthic quality index for European alpine lakes. <i>Fauna Norvegica</i> , 0, 31, 95.	0.3	8
46	The Effects of Tricyclazole Treatment on Aquatic Invertebrates in a Rice Paddy Field. <i>Clean - Soil, Air, Water</i> , 2014, 42, 29-35.	1.1	7
47	Twenty years of Dipterology through the pages of <i>Zootaxa</i> . <i>Zootaxa</i> , 2021, 4979, 166189.	0.5	7
48	Factors Controlling Morphotaxa Distributions of Diptera Chironomidae in Freshwaters. <i>Water (Switzerland)</i> , 2022, 14, 1014.	2.7	6
49	The Chironomids of the Po river (Italy) between Trino Vercellese and Cremona. <i>Aquatic Insects</i> , 1984, 6, 123-135.	0.9	5
50	The chironomids (Diptera: Chironomidae) from 108 Italian Alpine springs. <i>Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology</i> , 2010, 30, 1467-1470.	0.1	5
51	Hypoxia and anoxia effects on alcohol dehydrogenase activity and hemoglobin content in <i>Chironomus riparius</i> Meigen, 1804. <i>Journal of Limnology</i> , 0, , .	1.1	5
52	An updated list of chironomid species from Italy with biogeographic considerations (Diptera,). <i>Tj ETQq0 0 0 rgBT /O</i> <i>lock 10 Tf 50 142</i>	0.5	5
53	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
54	The first record of the subfamily Buchonomyiinae (Diptera, Chironomidae) from Italy. <i>Italian Journal of Zoology</i> , 2004, 71, 341-345.	0.6	4

#	ARTICLE	IF	CITATIONS
55	Revision of the genus <i>Chaetocladius</i> Kieffer (Diptera, Chironomidae), 1st note: description of four new species from Italy. <i>Journal of Entomological and Acarological Research</i> , 2017, 49, .	0.7	4
56	THE FIRST RECORD OF <i>PAROCHLUS KIEFFERI</i> (GARRETT, 1925) (DIPTERA, CHIRONOMIDAE, PODONOMINAE) FROM ITALY. <i>Entomological News</i> , 2007, 118, 127-133.	0.2	3
57	A new species of <i>Hydrobaenus</i> Fries, 1830 (Diptera, Chironomidae) from Algeria. <i>Zootaxa</i> , 2010, 2507, .	0.5	3
58	Corrections and Additions to Descriptions of Some Species of the Subgenus <i>Orthocladius</i> s. str. (Diptera, Chironomidae, Orthoclaudiinae). <i>Insects</i> , 2022, 13, 51.	2.2	3
59	Ordination methods and chironomid species in stony bottom streams. <i>Netherlands Journal of Aquatic Ecology</i> , 1992, 26, 447-456.	0.3	2
60	<i>Boreoheptagyia ortladamellica</i> sp. nov. (Diptera, Chironomidae) from Italian Alps. <i>Journal of Entomological and Acarological Research</i> , 2017, 49, .	0.7	2
61	Revision of type and non-type material assigned to the genus <i>Orthocladius</i> by Goetghebuer (1940–1950), deposited in the Royal Belgian Institute of Natural Sciences (Diptera: Chironomidae). <i>Acta Entomologica Musei Nationalis Pragae</i> , 2017, 57, 723-749.	0.5	2
62	Some programs useful for managing data in ecology, taxonomy and zoogeography. <i>Bioinformatics</i> , 1990, 6, 289-290.	4.1	0
63	Numerical, phenetic, and cladistic analyses: Problems and examples with Orthoclaudiinae (Diptera, Tj ETQq1 1 0.784314 rgBT ₀ /Overlo	0.3	0
64	<i>Tanytarsus apenninicus</i> new species from Northern Apennines (Diptera: Chironomidae). <i>Aquatic Insects</i> , 1993, 15, 233-237.	0.9	0
65	A new benthic quality index for Italian lakes: how to approach with different lake types?. <i>Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology</i> , 2009, 30, 790-793.	0.1	0
66	The First Records of Three Non-Biting Midge Species in Tunisia (Diptera: Chironomidae). <i>African Entomology</i> , 2018, 26, 487-494.	0.6	0
67	The Atopy Index Inventory: A Brief and Simple Tool to Identify Atopic Patients. <i>Orl</i> , 2020, 82, 285-294.	1.1	0
68	DNA barcode library revealed unknown diversity of chironomid midges in Montenegro. <i>ARPHA Conference Abstracts</i> , 0, 4, .	0.0	0
69	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