

Matteo Montagna

List of Publications by Year in descending order

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Version: 2024-02-01

72
papers

1,518
citations

361296

20
h-index

377752

34
g-index

76
all docs

76
docs citations

76
times ranked

1996
citing authors

#	ARTICLE	IF	CITATIONS
1	Phylogenomic Evidence for the Presence of a Flagellum and <i>cbb3</i> Oxidase in the Free-Living Mitochondrial Ancestor. <i>Molecular Biology and Evolution</i> , 2011, 28, 3285-3296.	3.5	124
2	“Candidatus Midichloriaceae” fam. nov. (Rickettsiales), an Ecologically Widespread Clade of Intracellular Alphaproteobacteria. <i>Applied and Environmental Microbiology</i> , 2013, 79, 3241-3248.	1.4	99
3	Molecular Evidence for Multiple Infections as Revealed by Typing of <i>Asaia</i> Bacterial Symbionts of Four Mosquito Species. <i>Applied and Environmental Microbiology</i> , 2010, 76, 7444-7450.	1.4	87
4	Effects of the Diet on the Microbiota of the Red Palm Weevil (Coleoptera: Dryophthoridae). <i>PLoS ONE</i> , 2015, 10, e0117439.	1.1	74
5	New Insights into the Microbiota of Moth Pests. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2450.	1.8	60
6	Phylogenomics and Analysis of Shared Genes Suggest a Single Transition to Mutualism in <i>Wolbachia</i> of Nematodes. <i>Genome Biology and Evolution</i> , 2013, 5, 1668-1674.	1.1	49
7	Tick-Box for 3’-End Formation of Mitochondrial Transcripts in Ixodida, Basal Chelicerates and <i>Drosophila</i> . <i>PLoS ONE</i> , 2012, 7, e47538.	1.1	45
8	Developmental stages and gut microenvironments influence gut microbiota dynamics in the invasive beetle <i>Popillia japonica</i> Newman (Coleoptera: Scarabaeidae). <i>Environmental Microbiology</i> , 2019, 21, 4343-4359.	1.8	42
9	Metamicrobiomics in herbivore beetles of the genus <i>Cryptocephalus</i> (Chrysomelidae): toward the understanding of ecological determinants in insect symbiosis. <i>Insect Science</i> , 2015, 22, 340-352.	1.5	41
10	Localization of the bacterial symbiont <i>Candidatus Midichloria mitochondrii</i> within the hard tick <i>Ixodes ricinus</i> by whole-mount FISH staining. <i>Ticks and Tick-borne Diseases</i> , 2013, 4, 39-45.	1.1	40
11	Supergroup C <i>Wolbachia</i> , mutualist symbionts of filarial nematodes, have a distinct genome structure. <i>Open Biology</i> , 2015, 5, 150099.	1.5	38
12	Evidence of a bacterial core in the stored products pest <i>Plodia interpunctella</i> : the influence of different diets. <i>Environmental Microbiology</i> , 2016, 18, 4961-4973.	1.8	38
13	Temporal dynamics of the ABC transporter response to insecticide treatment: insights from the malaria vector <i>Anopheles stephensi</i> . <i>Scientific Reports</i> , 2014, 4, 7435.	1.6	35
14	Integrated Taxonomy and DNA Barcoding of Alpine Midges (Diptera: Chironomidae). <i>PLoS ONE</i> , 2016, 11, e0149673.	1.1	34
15	Differential biodiversity responses between kingdoms (plants, fungi, bacteria and metazoa) along an Alpine succession gradient. <i>Molecular Ecology</i> , 2018, 27, 3671-3685.	2.0	33
16	A study on the presence of flagella in the order Rickettsiales: the case of “Candidatus <i>Midichloria mitochondrii</i> ”™. <i>Microbiology (United Kingdom)</i> , 2012, 158, 1677-1683.	0.7	29
17	Factors affecting the efficiency of molecular species delimitation in a species-rich insect family. <i>Molecular Ecology Resources</i> , 2021, 21, 1475-1489.	2.2	28
18	<i>Amblyomma parvum</i> Aragão, 1908 (Acari: Ixodidae): Phylogeography and systematic considerations. <i>Ticks and Tick-borne Diseases</i> , 2016, 7, 817-827.	1.1	26

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19	Barcoding of Chrysomelidae of Euro-Mediterranean area: efficiency and problematic species. Scientific Reports, 2018, 8, 13398.	1.6	26
20	Evidence for a conserved microbiota across the different developmental stages of <i>Plodia interpunctella</i> . Insect Science, 2019, 26, 466-478.	1.5	26
21	The integration of multiple independent data reveals an unusual response to Pleistocene climatic changes in the hard tick <i>Ixodes ricinus</i> . Molecular Ecology, 2013, 22, 1666-1682.	2.0	25
22	A new primer set for DNA metabarcoding of soil Metazoa. European Journal of Soil Biology, 2016, 77, 53-59.	1.4	24
23	Recalibration of the insect evolutionary time scale using Monte San Giorgio fossils suggests survival of key lineages through the End-Permian Extinction. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20191854.	1.2	24
24	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.	1.9	24
25	Thermotolerant isolates of <i>Beauveria bassiana</i> as potential control agent of insect pest in subtropical climates. PLoS ONE, 2019, 14, e0211457.	1.1	23
26	Phylogeography and species distribution modelling of <i>Cryptocephalus barii</i> (Coleoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50,462 Td (0.5	23
27	Gene expression modulation of ABC transporter genes in response to permethrin in adults of the mosquito malaria vector <i>Anopheles stephensi</i> . Acta Tropica, 2017, 171, 37-43.	0.9	22
28	Molecular screening for bacterial pathogens in ticks (<i>Ixodes ricinus</i>) collected on migratory birds captured in northern Italy. Folia Parasitologica, 2018, 65, .	0.7	20
29	<i>Pachybrachis holerorum</i> (Coleoptera: Chrysomelidae: Cryptocephalinae), a new species from the Apennines, Italy, identified by integration of morphological and molecular data. Zootaxa, 2013, 3741, 243.	0.2	19
30	Preliminary evidence of the horizontal transmission of <i>Wolbachia</i> between <i>Crioceris</i> leaf beetles (Coleoptera: Chrysomelidae) and their <i>Asparagus</i> host plants. European Journal of Entomology, 0, 114, 446-454.	1.2	19
31	Insect community structure and insect biodiversity conservation in an Alpine wetland subjected to an intermediate diversified management regime. Ecological Engineering, 2012, 47, 242-246.	1.6	18
32	Species delimitation within the Bothryorrhynchapion weevils: Multiple evidence from genetics, morphology and ecological associations. Molecular Phylogenetics and Evolution, 2018, 120, 354-363.	1.2	17
33	Green Technology: Bacteria-Based Approach Could Lead to Unsuspected Microbe-Plant-Animal Interactions. Microorganisms, 2019, 7, 44.	1.6	17
34	A mathematical model for <i>Xylella fastidiosa</i> epidemics in the Mediterranean regions. Promoting good agronomic practices for their effective control.. Ecological Modelling, 2020, 432, 109204.	1.2	17
35	Isolation of a <i>Wickerhamomyces anomalus</i> yeast strain from the sandfly <i>Phlebotomus perniciosus</i> , displaying the killer phenotype. Medical and Veterinary Entomology, 2016, 30, 101-106.	0.7	16
36	Arthropods and associated pathogens from native and introduced rodents in Northeastern Italy. Parasitology Research, 2018, 117, 3237-3243.	0.6	15

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37	Systematics of the weevil genus <i>Mecinus</i> ; Germar, 1821 (Coleoptera: Curculionidae). II. Phylogenetic analysis based on adult morphological characters and host plant information. <i>Zootaxa</i> , 2013, 3664, 136-48.	0.2	14
38	Environmental traits affect chironomid communities in glacial areas of the Southern Alps: evidence from a long-lasting case study. <i>Insect Conservation and Diversity</i> , 2016, 9, 192-201.	1.4	14
39	The mycobiota of the sand fly <i>Phlebotomus perniciosus</i> : Involvement of yeast symbionts in uric acid metabolism. <i>Environmental Microbiology</i> , 2018, 20, 1064-1077.	1.8	14
40	A New Strain of <i>Wolbachia</i> in an Alpine Population of the Viviparous <i>Oreina cacaliae</i> (Coleoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	0.7	13
41	Does diet breadth affect the complexity of the phytophagous insect microbiota? The case study of <i>Chrysomelidae</i> . <i>Environmental Microbiology</i> , 2022, 24, 3565-3579.	1.8	13
42	The species of the genus <i>Diamesa</i> (Diptera, Chironomidae) known to occur in Italian Alps and Apennines. <i>Zootaxa</i> , 2016, 4193, zootaxa.4193.2.7.	0.2	10
43	Ticks and bacterial tick-borne pathogens in Piemonte region, Northwest Italy. <i>Experimental and Applied Acarology</i> , 2017, 73, 477-491.	0.7	10
44	Molecular species delimitation of the Asian chestnut gall wasp biocontrol agent released in Italy. <i>Insect Systematics and Evolution</i> , 2019, 50, 327-345.	0.2	9
45	DNA Barcoding as useful tool to identify crop pest flea beetles of Turkey. <i>Journal of Applied Entomology</i> , 2019, 143, 105-117.	0.8	9
46	Discovering the Pandora's box: the invasion of alien flatworms in Italy. <i>Biological Invasions</i> , 2022, 24, 205-216.	1.2	9
47	Curation of a reference database of COI sequences for insect identification through DNA metabarcoding: COins. <i>Database: the Journal of Biological Databases and Curation</i> , 2022, 2022, .	1.4	9
48	Central nervous system and muscular bundles preserved in a 240 million year old giant bristletail (Archaeognatha: Machilidae). <i>Scientific Reports</i> , 2017, 7, 46016.	1.6	8
49	Barcoding <i>Chrysomelidae</i> : a resource for taxonomy and biodiversity conservation in the Mediterranean Region. <i>ZooKeys</i> , 2016, 597, 27-38.	0.5	8
50	Exploring species-level taxonomy in the <i>Cryptocephalus flavipes</i> species complex (Coleoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222	1.0	7
51	<i>Colasposoma dauricum</i> Mannerheim, 1849 an Asian species adventive to Piedmont, Italy (Coleoptera: Tj ETQq1 1 0,784314 rgBT /Over	0.2	7
52	<i>Mycobacterium avium</i> paratuberculosis in Italy: Commensal or emerging human pathogen?. <i>Digestive and Liver Disease</i> , 2012, 44, 461-465.	0.4	6
53	Multi-country investigation of the diversity and associated microorganisms isolated from tick species from domestic animals, wildlife and vegetation in selected african countries. <i>Experimental and Applied Acarology</i> , 2021, 83, 427-448.	0.7	6
54	Factors Controlling Morphotaxa Distributions of Diptera Chironomidae in Freshwaters. <i>Water (Switzerland)</i> , 2022, 14, 1014.	1.2	6

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55	An updated list of chironomid species from Italy with biogeographic considerations (Diptera, Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.3	5
56	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.	0.8	5
57	Revision of the genus Chaetocladius Kieffer (Diptera, Chironomidae), 1st note: description of four new species from Italy. Journal of Entomological and Acarological Research, 2017, 49, .	0.3	4
58	Pachybrachis sassii, a new species from the Mediterranean Giglio Island (Italy) (Coleoptera, Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 T	0.5	3
59	Biogeography and ecology of geographically distant populations of sibling <i>Cryptocephalus</i> leaf beetles. , 2020, 87, 223-234.		3
60	Corrections and Additions to Descriptions of Some Species of the Subgenus Orthocladius s. str. (Diptera, Chironomidae, Orthoclaudiinae). Insects, 2022, 13, 51.	1.0	3
61	Endemism in recently diverged angiosperms is associated with polyploidy. Plant Ecology, 2022, 223, 479.	0.7	3
62	Pathogenic potential of bacteria isolated from commercial biostimulants. Archives of Microbiology, 2022, 204, 162.	1.0	3
63	The Beetle (Coleoptera) and True bug (Heteroptera) species pool of the alpine "Pian di Gembro" wetland (Villa di Tirano, Italy) and its conservation. Journal of Entomological and Acarological Research, 2011, 43, 7.	0.3	2
64	Molecular typing of bacteria of the genus Asaia in malaria vector Anopheles arabiensis Patton, 1905. Journal of Entomological and Acarological Research, 2012, 44, 7.	0.3	2
65	Revision of type and non-type material assigned to the genus Orthocladius by Goetghebuer (1940-1950), deposited in the Royal Belgian Institute of Natural Sciences (Diptera: Chironomidae). Acta Entomologica Musei Nationalis Pragae, 2017, 57, 723-749.	0.5	2
66	Prevention and control of OQDS (olive quick decline syndrome) outbreaks caused by Xylella fastidiosa.. Journal of Theoretical Biology, 2022, 542, 111118.	0.8	2
67	Comment on Phylogenetic analyses with four new Cretaceous bristletails reveal interrelationships of Archaeognatha and Gondwana origin of Meinertellidae. Cladistics, 2020, 36, 227-231.	1.5	1
68	Complete Genome Sequence of <i>Rhynchophorus ferrugineus</i> Endocytobiont "Candidatus" Nardonella dryophthoridicola Strain NardRF. Microbiology Resource Announcements, 2021, 10, e0035521.	0.3	1
69	"Candidatus Midichloria mitochondrii"™, formerly IricES1, a symbiont of the tick Ixodes ricinus that resides in the host mitochondria. , 2010, , 527-531.		1
70	CHIRONOMUS (CHIRONOMUS) APRILINUS MEIGEN, 1818 (DIPTERA CHIRONOMIDAE), FIRST RECORD FROM ITALY: CYTOTAXONOMY AND ECOLOGY. Redia, 0, , 11-17.	0.1	1
71	Disentangling phylogenetic relations and biogeographic history within the Cucujus haematodes species group (Coleoptera: Cucujidae). Molecular Phylogenetics and Evolution, 2022, 173, 107527.	1.2	1
72	Unsupervised machine learning and geometric morphometrics as tools for the identification of inter and intraspecific variations in the Anopheles Maculipennis complex. Acta Tropica, 2022, 233, 106585.	0.9	1