

Daniel Martn-Vega

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

56
papers

639
citations

16
h-index

23
g-index

58
ext. papers

774
ext. citations

2.2
avg, IF

4.55
L-index

#	Paper	IF	Citations
56	Comparing scavenging in marine and terrestrial ecosystems: a case study with fish and gull carcasses in a small Mediterranean island. <i>Basic and Applied Ecology</i> , 2022 , 59, 92-104	3.2	0
55	First report of the forensically important fly, <i>Stearibia nigriceps</i> (Diptera: Piophilidae) in South Korea: Confirmation of specimens from human corpses based on cytochrome c oxidase subunit I barcodes. <i>Journal of Forensic Sciences</i> , 2021 , 66, 1538-1544	1.8	1
54	Anatomical reconfiguration of the optic lobe during metamorphosis in the blow fly <i>Calliphora vicina</i> (Diptera: Calliphoridae) revealed by X-ray micro-computed tomography. <i>Zoologischer Anzeiger</i> , 2021 , 292, 139-149	1.1	4
53	Major differences in the larval anatomy of the digestive and excretory systems of three Oestridae species revealed by micro-CT. <i>Medical and Veterinary Entomology</i> , 2021 , 35, 106-120	2.4	5
52	Micro-CT imaging of <i>Onchocerca</i> infection of <i>Simulium damnosum</i> s.l. blackflies and comparison of the peritrophic membrane thickness of forest and savannah flies. <i>Medical and Veterinary Entomology</i> , 2021 , 35, 231-238	2.4	2
51	Dermeid pupal chambers on Late Pleistocene faunal bones from Cava Muracci (Cisterna di Latina, central Italy): Environmental implications for the central Mediterranean basin during MIS 3. <i>Journal of Archaeological Science: Reports</i> , 2021 , 35, 102780	0.7	0
50	Micro-CT visualization of a promastigote secretory gel (PSG) and parasite plug in the digestive tract of the sand fly <i>Lutzomyia longipalpis</i> infected with <i>Leishmania mexicana</i> . <i>PLoS Neglected Tropical Diseases</i> , 2021 , 15, e0009682	4.8	0
49	When unexpected guests come to eat: two new species of <i>Phyllolabis</i> Osten Sacken (Diptera: Limoniidae) collected with carrion-baited traps in the centre of the Iberian Peninsula. <i>Zootaxa</i> , 2021 , 5039, 222-240	0.5	
48	Wing morphometrics for the identification of Nearctic and Palaearctic Piophilidae (Diptera) of forensic relevance. <i>Forensic Science International</i> , 2020 , 309, 110192	2.6	4
47	Estimating crime scene temperatures from nearby meteorological station data. <i>Forensic Science International</i> , 2020 , 306, 110028	2.6	7
46	Internal morphological changes during metamorphosis in the sheep nasal bot fly, <i>Oestrus ovis</i> . <i>Medical and Veterinary Entomology</i> , 2020 , 34, 476-487	2.4	2
45	Visualization of insect metamorphosis. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019 , 374, 20190071	5.8	19
44	Avoidance of carnivore carcasses by vertebrate scavengers enables colonization by a diverse community of carrion insects. <i>PLoS ONE</i> , 2019 , 14, e0221890	3.7	16
43	Long-term insect successional patterns on pig carcasses in central Spain. <i>International Journal of Legal Medicine</i> , 2019 , 133, 1581-1592	3.1	4
42	Avoidance of carnivore carcasses by vertebrate scavengers enables colonization by a diverse community of carrion insects 2019 , 14, e0221890		
41	Avoidance of carnivore carcasses by vertebrate scavengers enables colonization by a diverse community of carrion insects 2019 , 14, e0221890		
40	Avoidance of carnivore carcasses by vertebrate scavengers enables colonization by a diverse community of carrion insects 2019 , 14, e0221890		

39	Avoidance of carnivore carcasses by vertebrate scavengers enables colonization by a diverse community of carrion insects 2019 , 14, e0221890		
38	Micro-computed tomography visualization of the vestigial alimentary canal in adult oestrid flies. <i>Medical and Veterinary Entomology</i> , 2018 , 32, 378-382	2.4	7
37	Annual variation in decomposition and insect succession at a periurban area of central Iberian Peninsula. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2018 , 56, 21-31	1.7	12
36	Larval identification key to necrophagous Coleoptera of medico-legal importance in the western Palearctic. <i>International Journal of Legal Medicine</i> , 2018 , 132, 1795-1804	3.1	9
35	3D virtual histology at the host/parasite interface: visualisation of the master manipulator, <i>Dicrocoelium dendriticum</i> , in the brain of its ant host. <i>Scientific Reports</i> , 2018 , 8, 8587	4.9	8
34	Identification of dermestid beetle modification on Neolithic Maltese human bone: Implications for funerary practices at the Xemxija tombs. <i>Journal of Archaeological Science: Reports</i> , 2018 , 22, 123-131	0.7	3
33	Out of the South? The first Afrotropical record of <i>Prochyliza</i> Walker (Diptera: Piophilidae), with description of a new species. <i>Zootaxa</i> , 2017 , 4232, zootaxa.4232.1.12	0.5	1
32	Looking into the puparium: Micro-CT visualization of the internal morphological changes during metamorphosis of the blow fly, <i>Calliphora vicina</i> , with the first quantitative analysis of organ development in cyclorrhaphous dipterans. <i>Journal of Morphology</i> , 2017 , 278, 629-651	1.6	36
31	Early colonisation of urban indoor carcasses by blow flies (Diptera: Calliphoridae): An experimental study from central Spain. <i>Forensic Science International</i> , 2017 , 278, 87-94	2.6	15
30	Age estimation during the blow fly intra-puparial period: a qualitative and quantitative approach using micro-computed tomography. <i>International Journal of Legal Medicine</i> , 2017 , 131, 1429-1448	3.1	22
29	Optimising crime scene temperature collection for forensic entomology casework. <i>Forensic Science International</i> , 2017 , 270, 129-138	2.6	23
28	Effect of Temperature on the Survival and Development of Three Forensically Relevant Dermestes Species (Coleoptera: Dermestidae). <i>Journal of Medical Entomology</i> , 2017 , 54, 1140-1150	2.2	26
27	The 'dance' of life: visualizing metamorphosis during pupation in the blow fly by X-ray video imaging and micro-computed tomography. <i>Royal Society Open Science</i> , 2017 , 4, 160699	3.3	23
26	Resolving Confusion in the Use of Concepts and Terminology in Intrapuparial Development Studies of Cyclorrhaphous Diptera. <i>Journal of Medical Entomology</i> , 2016 , 53, 1249-1251	2.2	39
25	<i>Piophila megastigmata</i> McAlpine 1978 (Diptera: Piophilidae): the first record from northern Africa of this forensically relevant fly. <i>Annales De La Societe Entomologique De France</i> , 2016 , 52, 243-246	0.5	2
24	Molecular identification and phylogenetic analysis of the forensically important family Piophilidae (Diptera) from different European locations. <i>Forensic Science International</i> , 2016 , 259, 77-84	2.6	9
23	Estimating the age of <i>Calliphora vicina</i> eggs (Diptera: Calliphoridae): determination of embryonic morphological landmarks and preservation of egg samples. <i>International Journal of Legal Medicine</i> , 2016 , 130, 845-54	3.1	13
22	Preliminary data on carrion insects in urban (indoor and outdoor) and periurban environments in central Spain. <i>Forensic Science International</i> , 2015 , 248, 41-7	2.6	27

21	Necrophilous Histerid Beetle Communities (Coleoptera: Histeridae) in Central Spain: Species Composition and Habitat Preferences. <i>Environmental Entomology</i> , 2015 , 44, 966-74	2.1	6
20	Larval muscle attachment site (MAS) patterns are a conserved character among Piophilini flies (Diptera, Piophilidae). <i>Mitteilungen Aus Dem Museum Fur Naturkunde in Berlin - Deutsche Entomologische Zeitschrift</i> , 2015 , 62, 239-245	0.6	3
19	On the identity of <i>Prochyliza nigrimana</i> (Meigen) and <i>Prochyliza nigricornis</i> (Meigen) (Diptera: Piophilidae), with a synopsis of <i>Prochyliza</i> Walker and description of a new species. <i>Zootaxa</i> , 2014 , 3893, 277-92	0.5	1
18	Comparative larval morphology of the European bone-skipper, <i>Thyreophora cynophila</i> (Panzer, 1798) and <i>Centrophlebomyia furcata</i> (Fabricius, 1794) (Diptera: Piophilidae), with notes on their coexistence and natural history. <i>Journal of Natural History</i> , 2014 , 48, 285-299	0.5	5
17	Environmental correlates of species diversity for sarcosaprophagous Diptera across a pronounced elevational gradient in central Spain. <i>Italian Journal of Zoology</i> , 2014 , 81, 415-424		5
16	Patterns of diversity and abundance of carrion insect assemblages in the Natural Park "Hoces del R�o Riaza" (central Spain). <i>Journal of Insect Science</i> , 2014 , 14, 162	2	6
15	The immature stages of the necrophagous fly <i>Liopiophila varipes</i> and considerations on the genus <i>Liopiophila</i> (Diptera: Piophilidae). <i>Mitteilungen Aus Dem Museum Fur Naturkunde in Berlin - Deutsche Entomologische Zeitschrift</i> , 2014 , 61, 37-42	0.6	7
14	Sarcosaprophagous Diptera assemblages in natural habitats in central Spain: spatial and seasonal changes in composition. <i>Medical and Veterinary Entomology</i> , 2013 , 27, 64-76	2.4	32
13	Sex-biased captures of sarcosaprophagous Diptera in carrion-baited traps. <i>Journal of Insect Science</i> , 2013 , 13, 14		24
12	Necrophagy in crickets, katydids and grasshoppers? Orthoptera collected in carrion-baitedtraps in central Spain. <i>Annales De La Societe Entomologique De France</i> , 2013 , 49, 91-99	0.5	2
11	The immature stages of the necrophagous fly, <i>Prochyliza nigrimana</i> : comparison with <i>Piophila casei</i> and medicolegal considerations (Diptera: Piophilidae). <i>Parasitology Research</i> , 2012 , 111, 1127-35	2.4	11
10	Spatiotemporal Distribution of Necrophagous Beetles (Coleoptera: Dermestidae, Silphidae) Assemblages in Natural Habitats of Central Spain. <i>Annals of the Entomological Society of America</i> , 2012 , 105, 44-53	2	22
9	New piophilid in town: the first Palaeartic record of <i>Piophila megastigmata</i> and its coexistence with <i>Piophila casei</i> in central Spain. <i>Medical and Veterinary Entomology</i> , 2011 , 25, 64-9	2.4	18
8	The "coffin fly" <i>Conicera tibialis</i> (Diptera: Phoridae) breeding on buried human remains after a postmortem interval of 18 years. <i>Journal of Forensic Sciences</i> , 2011 , 56, 1654-6	1.8	22
7	Skipping clues: forensic importance of the family Piophilidae (Diptera). <i>Forensic Science International</i> , 2011 , 212, 1-5	2.6	49
6	Could the �ulture restaurants be a lifeboat for the recently rediscovered bone-skipper (Diptera: Piophilidae)? <i>Journal of Insect Conservation</i> , 2011 , 15, 747-753	2.1	18
5	Observation of Death in copula in a Laboratory Colony of the Necrophagous Fly, <i>Prochyliza nigrimana</i> (Diptera: Piophilidae). <i>Entomological News</i> , 2011 , 122, 489-490	0.4	0
4	Variation in the colour of the necrophagous fly, <i>Prochyliza nigrimana</i> (Diptera: Piophilidae): A case of seasonal polymorphism. <i>European Journal of Entomology</i> , 2011 , 108, 231-234		11

3	Back from the dead: <i>Thyreophora cynophila</i> (Panzer, 1798) (Diptera: Piophilidae) globally extinct and fugitive in Spain. <i>Systematic Entomology</i> , 2010 , 35, 607-613	3-4	13
2	Mit Aas vergesellschaftete Raupenfliegen im Zentrum der iberischen Halbinsel (Diptera: Tachinidae). <i>Entomologia Generalis</i> , 2010 , 32, 217-226	5-3	5
1	The distribution of adult blow-flies (Diptera: Calliphoridae) along an altitudinal gradient in Central Spain. <i>Annales De La Societe Entomologique De France</i> , 2007 , 43, 289-296	0-5	40