

# Daniel Martn-Vega

## List of Publications by Citations

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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	Skipping clues: forensic importance of the family Piophilidae (Diptera). <i>Forensic Science International</i> , <b>2011</b> , 212, 1-5	2.6	49
55	The distribution of adult blow-flies (Diptera: Calliphoridae) along an altitudinal gradient in Central Spain. <i>Annales De La Societe Entomologique De France</i> , <b>2007</b> , 43, 289-296	0.5	40
54	Resolving Confusion in the Use of Concepts and Terminology in Intrapuparial Development Studies of Cyclorrhaphous Diptera. <i>Journal of Medical Entomology</i> , <b>2016</b> , 53, 1249-1251	2.2	39
53	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> , <b>2017</b> , 278, 629-651	1.6	36
52	Sarcosaprophagous Diptera assemblages in natural habitats in central Spain: spatial and seasonal changes in composition. <i>Medical and Veterinary Entomology</i> , <b>2013</b> , 27, 64-76	2.4	32
51	Preliminary data on carrion insects in urban (indoor and outdoor) and periurban environments in central Spain. <i>Forensic Science International</i> , <b>2015</b> , 248, 41-7	2.6	27
50	Effect of Temperature on the Survival and Development of Three Forensically Relevant Dermestes Species (Coleoptera: Dermestidae). <i>Journal of Medical Entomology</i> , <b>2017</b> , 54, 1140-1150	2.2	26
49	Sex-biased captures of sarcosaprophagous Diptera in carrion-baited traps. <i>Journal of Insect Science</i> , <b>2013</b> , 13, 14		24
48	Optimising crime scene temperature collection for forensic entomology casework. <i>Forensic Science International</i> , <b>2017</b> , 270, 129-138	2.6	23
47	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> , <b>2017</b> , 4, 160699	3.3	23
46	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> , <b>2017</b> , 131, 1429-1448	3.1	22
45	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> , <b>2011</b> , 56, 1654-6	1.8	22
44	Spatiotemporal Distribution of Necrophagous Beetles (Coleoptera: Dermestidae, Silphidae) Assemblages in Natural Habitats of Central Spain. <i>Annals of the Entomological Society of America</i> , <b>2012</b> , 105, 44-53	2	22
43	Visualization of insect metamorphosis. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2019</b> , 374, 20190071	5.8	19
42	New piophilid in town: the first Palaearctic record of <i>Piophila megastigmata</i> and its coexistence with <i>Piophila casei</i> in central Spain. <i>Medical and Veterinary Entomology</i> , <b>2011</b> , 25, 64-9	2.4	18
41	Could the vulture restaurants be a lifeboat for the recently rediscovered bone-skippers (Diptera: Piophilidae)?. <i>Journal of Insect Conservation</i> , <b>2011</b> , 15, 747-753	2.1	18
40	Avoidance of carnivore carcasses by vertebrate scavengers enables colonization by a diverse community of carrion insects. <i>PLoS ONE</i> , <b>2019</b> , 14, e0221890	3.7	16

39	Early colonisation of urban indoor carcasses by blow flies (Diptera: Calliphoridae): An experimental study from central Spain. <i>Forensic Science International</i> , <b>2017</b> , 278, 87-94	2.6	15
38	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> , <b>2016</b> , 130, 845-54	3.1	13
37	Back from the dead: <i>Thyreophora cynophila</i> (Panzer, 1798) (Diptera: Piophilidae) globally extinct and fugitive in Spain. <i>Systematic Entomology</i> , <b>2010</b> , 35, 607-613	3.4	13
36	Annual variation in decomposition and insect succession at a periurban area of central Iberian Peninsula. <i>Journal of Clinical Forensic and Legal Medicine</i> , <b>2018</b> , 56, 21-31	1.7	12
35	The immature stages of the necrophagous fly, <i>Prochyliza nigrimana</i> : comparison with <i>Piophilidae</i> and medicolegal considerations (Diptera: Piophilidae). <i>Parasitology Research</i> , <b>2012</b> , 111, 1127-35	2.4	11
34	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> , <b>2011</b> , 108, 231-234		11
33	Molecular identification and phylogenetic analysis of the forensically important family Piophilidae (Diptera) from different European locations. <i>Forensic Science International</i> , <b>2016</b> , 259, 77-84	2.6	9
32	Larval identification key to necrophagous Coleoptera of medico-legal importance in the western Palearctic. <i>International Journal of Legal Medicine</i> , <b>2018</b> , 132, 1795-1804	3.1	9
31	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> , <b>2018</b> , 8, 8587	4.9	8
30	Micro-computed tomography visualization of the vestigial alimentary canal in adult oestrid flies. <i>Medical and Veterinary Entomology</i> , <b>2018</b> , 32, 378-382	2.4	7
29	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> , <b>2014</b> , 61, 37-42	0.6	7
28	Estimating crime scene temperatures from nearby meteorological station data. <i>Forensic Science International</i> , <b>2020</b> , 306, 110028	2.6	7
27	Necrophilous Histerid Beetle Communities (Coleoptera: Histeridae) in Central Spain: Species Composition and Habitat Preferences. <i>Environmental Entomology</i> , <b>2015</b> , 44, 966-74	2.1	6
26	Patterns of diversity and abundance of carrion insect assemblages in the Natural Park "Hoces del Río Riaza" (central Spain). <i>Journal of Insect Science</i> , <b>2014</b> , 14, 162	2	6
25	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> , <b>2014</b> , 48, 285-299	0.5	5
24	Environmental correlates of species diversity for sarcosaprophagous Diptera across a pronounced elevational gradient in central Spain. <i>Italian Journal of Zoology</i> , <b>2014</b> , 81, 415-424		5
23	Mit Aas vergesellschaftete Raupenfliegen im Zentrum der iberischen Halbinsel (Diptera: Tachinidae). <i>Entomologia Generalis</i> , <b>2010</b> , 32, 217-226	5.3	5
22	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> , <b>2021</b> , 35, 106-120	2.4	5

21	Long-term insect successional patterns on pig carcasses in central Spain. <i>International Journal of Legal Medicine</i> , <b>2019</b> , 133, 1581-1592	3.1	4
20	Wing morphometrics for the identification of Nearctic and Palaearctic Piophilidae (Diptera) of forensic relevance. <i>Forensic Science International</i> , <b>2020</b> , 309, 110192	2.6	4
19	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> , <b>2021</b> , 292, 139-149	1.1	4
18	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> , <b>2015</b> , 62, 239-245	0.6	3
17	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> , <b>2018</b> , 22, 123-131	0.7	3
16	<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> , <b>2016</b> , 52, 243-246	0.5	2
15	Necrophagy in crickets, katydids and grasshoppers? Orthoptera collected in carrion-baitedtraps in central Spain. <i>Annales De La Societe Entomologique De France</i> , <b>2013</b> , 49, 91-99	0.5	2
14	Internal morphological changes during metamorphosis in the sheep nasal bot fly, <i>Oestrus ovis</i> . <i>Medical and Veterinary Entomology</i> , <b>2020</b> , 34, 476-487	2.4	2
13	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> , <b>2021</b> , 35, 231-238	2.4	2
12	Out of the South? The first Afrotropical record of <i>Prochyliza</i> Walker (Diptera: Piophilidae), with description of a new species. <i>Zootaxa</i> , <b>2017</b> , 4232, zootaxa.4232.1.12	0.5	1
11	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> , <b>2014</b> , 3893, 277-92	0.5	1
10	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> , <b>2021</b> , 66, 1538-1544	1.8	1
9	Observation of Deathin copulain a Laboratory Colony of the Necrophagous Fly, <i>Prochyliza nigrimana</i> (Diptera: Piophilidae). <i>Entomological News</i> , <b>2011</b> , 122, 489-490	0.4	0
8	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> , <b>2022</b> , 59, 92-104	3.2	0
7	Dermestid 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> , <b>2021</b> , 35, 102780	0.7	0
6	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> , <b>2021</b> , 15, e0009682	4.8	0
5	When unexpected guests come to eat: two new species of Phyllobasis Osten Sacken (Diptera: Limoniidae) collected with carrion-baited traps in the centre of the Iberian Peninsula. <i>Zootaxa</i> , <b>2021</b> , 5039, 222-240	0.5	
4	Avoidance of carnivore carcasses by vertebrate scavengers enables colonization by a diverse community of carrion insects <b>2019</b> , 14, e0221890		

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