

Marco Gottardo

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

1,910
citations

279798

23
h-index

289244

40
g-index

68
all docs

68
docs citations

68
times ranked

2187
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Zika Virus Isolates Induce Premature Differentiation of Neural Progenitors in Human Brain Organoids. <i>Cell Stem Cell</i> , 2017, 20, 397-406.e5.	11.1	267
2	<scp>CPAP</scp> promotes timely cilium disassembly to maintain neural progenitor pool. <i>EMBO Journal</i> , 2016, 35, 803-819.	7.8	208
3	Conserved molecular interactions in centriole-to-centrosome conversion. <i>Nature Cell Biology</i> , 2016, 18, 87-99.	10.3	121
4	Structure and Evolution of Insect Sperm: New Interpretations in the Age of Phylogenomics. <i>Annual Review of Entomology</i> , 2016, 61, 1-23.	11.8	84
5	Human brain organoids assemble functionally integrated bilateral optic vesicles. <i>Cell Stem Cell</i> , 2021, 28, 1740-1757.e8.	11.1	77
6	Molecular basis for CPAP-tubulin interaction in controlling centriolar and ciliary length. <i>Nature Communications</i> , 2016, 7, 11874.	12.8	66
7	The small GTPase Rab29 is a common regulator of immune synapse assembly and ciliogenesis. <i>Cell Death and Differentiation</i> , 2015, 22, 1687-1699.	11.2	57
8	Giant spermatozoa and a huge spermatheca: A case of coevolution of male and female reproductive organs in the ground louse <i>Zorotypus impolitus</i> (Insecta, Zoraptera). <i>Arthropod Structure and Development</i> , 2014, 43, 135-151.	1.4	47
9	The cilium like region of the <i>Drosophila</i> spermatocyte: an oncoming flagellum?. <i>Journal of Cell Science</i> , 2013, 126, 5441-52.	2.0	42
10	The male and female reproductive systems of <i>Zorotypus hubbardi</i> Caudell, 1918 (Zoraptera). <i>Arthropod Structure and Development</i> , 2012, 41, 337-359.	1.4	40
11	Cross-regulation between Aurora B and Citron kinase controls midbody architecture in cytokinesis. <i>Open Biology</i> , 2016, 6, 160019.	3.6	39
12	The <i>Drosophila</i> centriole: conversion of doublets to triplets within the stem cell niche. <i>Journal of Cell Science</i> , 2015, 128, 2437-42.	2.0	38
13	The male reproductive system of <i>Zorotypus caudelli</i> Karny (Zoraptera): Sperm structure and spermiogenesis. <i>Arthropod Structure and Development</i> , 2011, 40, 531-547.	1.4	37
14	Rab1 interacts with GOLPH3 and controls Golgi structure and contractile ring constriction during cytokinesis in <i>Drosophila melanogaster</i> . <i>Open Biology</i> , 2017, 7, 160257.	3.6	35
15	100 years Zoraptera – a phantom in insect evolution and the history of its investigation. <i>Insect Systematics and Evolution</i> , 2014, 45, 371-393.	0.7	34
16	Structural characterization of procentrioles in <i>Drosophila</i> spermatids. <i>Cytoskeleton</i> , 2015, 72, 576-584.	2.0	34
17	The fine structure of the female reproductive system of <i>Zorotypus caudelli</i> Karny (Zoraptera). <i>Arthropod Structure and Development</i> , 2012, 41, 51-63.	1.4	30
18	Two intromittent organs in <i>Zorotypus caudelli</i> (Insecta, Zoraptera): the paradoxical coexistence of an extremely long tube and a large spermatophore. <i>Biological Journal of the Linnean Society</i> , 2014, 112, 40-54.	1.6	30

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19	The spermatogenesis and sperm structure of <i>Timema poppensis</i> (Insecta: Phasmatodea). <i>Zoomorphology</i> , 2012, 131, 209-223.	0.8	29
20	Egg structure of <i>Zorotypus caudelli</i> Karny (Insecta, Zoraptera, Zorotypidae). <i>Tissue and Cell</i> , 2011, 43, 230-237.	2.2	28
21	Divergent mating patterns and a unique mode of external sperm transfer in Zoraptera: an enigmatic group of pterygote insects. <i>Die Naturwissenschaften</i> , 2013, 100, 581-594.	1.6	28
22	Giant stick insects reveal unique ontogenetic changes in biological attachment devices. <i>Arthropod Structure and Development</i> , 2015, 44, 195-199.	1.4	27
23	Alkyldimethylpyrazines in the Defensive Spray of <i>Phyllium westwoodii</i> : A First for Order Phasmatodea. <i>Journal of Chemical Ecology</i> , 2009, 35, 861-870.	1.8	26
24	Loss of Centrobin Enables Daughter Centrioles to Form Sensory Cilia in <i>Drosophila</i> . <i>Current Biology</i> , 2015, 25, 2319-2324.	3.9	26
25	Cilium induction triggers differentiation of glioma stem cells. <i>Cell Reports</i> , 2021, 36, 109656.	6.4	24
26	Plk1/Polo Phosphorylates Sas-4 at the Onset of Mitosis for an Efficient Recruitment of Pericentriolar Material to Centrosomes. <i>Cell Reports</i> , 2018, 25, 3618-3630.e6.	6.4	23
27	Comparative morphology of spermatozoa and reproductive systems of zorapteran species from different world regions (Insecta, Zoraptera). <i>Arthropod Structure and Development</i> , 2014, 43, 371-383.	1.4	22
28	The evolution of insect sperm – an unusual character system in a megadiverse group. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2016, 54, 237-256.	1.4	22
29	&strong>On certain species of the genus &em>Phyllium &/em>Illiger, 1798, with proposals for an intra-generic systematization and the descriptions of five new species from the Philippines and Palawan (Phasmatodea: Phylliidae: Phylliinae: Phylliini)&strong>. <i>Zootaxa</i> , 2009, 2322, 1-83.	0.5	22
30	Parasitic castration by <i>Xenos vesparum</i> depends on host gender. <i>Parasitology</i> , 2014, 141, 1080-1087.	1.5	19
31	Inhibition of Polo kinase by BI2536 affects centriole separation during <i>Drosophila</i> male meiosis. <i>Cell Cycle</i> , 2014, 13, 2064-2263.	2.6	18
32	A new genus and new species of Philippine stick insects (Insecta: Phasmatodea) and phylogenetic considerations. <i>Comptes Rendus - Biologies</i> , 2011, 334, 555-563.	0.2	17
33	Dzip1 and Fam92 form a ciliary transition zone complex with cell type specific roles in <i>Drosophila</i> . <i>ELife</i> , 2019, 8, .	6.0	17
34	External macro- and micromorphology of the male of the stick insect <i>Hermarchus leytensis</i> (Insecta: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 9.2 16	0.2	16
35	Centrobin is essential for C-tubule assembly and flagellum development in <i>Drosophila melanogaster</i> spermatogenesis. <i>Journal of Cell Biology</i> , 2018, 217, 2365-2372.	5.2	16
36	A black-and-red stick insect from the Philippines – observations on the external anatomy and natural history of a new species of <i>Orthomeria</i> . <i>ZooKeys</i> , 2016, 559, 35-57.	1.1	16

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37	An enigmatic new stick insect from the Philippine Islands (Insecta: Phasmatoidea). <i>Comptes Rendus - Biologies</i> , 2012, 335, 594-601.	0.2	15
38	Morphology of the male reproductive system and sperm ultrastructure of the egg parasitoid <i>Gryon pennsylvanicum</i> (Ashmead) (Hymenoptera, Platygasteridae). <i>Arthropod Structure and Development</i> , 2013, 42, 297-308.	1.4	15
39	Gorab is a Golgi protein required for structure and duplication of <i>Drosophila</i> centrioles. <i>Nature Genetics</i> , 2018, 50, 1021-1031.	21.4	15
40	Procentriole assembly without centriole disengagement: a paradox of male gametogenesis. <i>Journal of Cell Science</i> , 2014, 127, 3434-9.	2.0	12
41	Morphology of the terminalia of the stick insect <i>Dajaca napolovi</i> from Vietnam (Insecta: Tj ETQq1 1 0.784314 rgBT / Overlock 10	0.6	12
42	The "transition zone" of the cilium-like regions in the <i>Drosophila</i> spermatocytes and the role of the C-tubule in axoneme assembly. <i>Experimental Cell Research</i> , 2018, 371, 262-268.	2.6	12
43	The intermediate sperm type and genitalia of <i>Zorotypus shannoni</i> Gurney: evidence supporting infraordinal lineages in Zoraptera (Insecta). <i>Zoomorphology</i> , 2015, 134, 79-91.	0.8	11
44	Defensive Spiroketals from <i>Asceles glaber</i> (Phasmatoidea): Absolute Configuration and Effects on Ants and Mosquitoes. <i>Journal of Chemical Ecology</i> , 2012, 38, 1105-1115.	1.8	10
45	The sperm ultrastructure of <i>Caurinus dectes</i> Russell (Mecoptera: Boreidae) and its phylogenetic implications. <i>Tissue and Cell</i> , 2013, 45, 397-401.	2.2	10
46	Subtle effect of <i>Xenos vesparum</i> (Xenidae, Strepsiptera) on the reproductive apparatus of its male host: Parasite or parasitoid?. <i>Journal of Insect Physiology</i> , 2017, 101, 22-30.	2.0	10
47	A Cardinium-like symbiont in the proturan <i>Acerella muscorum</i> (Hexapoda). <i>Tissue and Cell</i> , 2011, 43, 151-156.	2.2	9
48	A microtubule organizing centre (MTOC) is responsible for the production of the sperm flagellum in <i>Matsucoccus feytaudi</i> (Hemiptera: Coccoidea). <i>Arthropod Structure and Development</i> , 2015, 44, 237-242.	1.4	9
49	The morphology of the eggs of three species of Zoraptera (Insecta). <i>Arthropod Structure and Development</i> , 2015, 44, 656-666.	1.4	9
50	The developing <i>Drosophila</i> eye: an oncoming model to study centriole reduction. <i>Journal of Cell Science</i> , 2018, 131, .	2.0	8
51	Klp10A modulates the localization of centriole-associated proteins during <i>Drosophila</i> male gametogenesis. <i>Cell Cycle</i> , 2016, 15, 3432-3441.	2.6	7
52	Parthenogenesis in Insects: The Centriole Renaissance. <i>Results and Problems in Cell Differentiation</i> , 2017, 63, 435-479.	0.7	7
53	A new species of <i>Korinnis</i> antner from the Philippines (Phasmatoidea: Prisopodidae: Korinninae). <i>Zootaxa</i> , 2008, 1917, 61-64.	0.5	7
54	Occurrence of the genus <i>Ophicrania</i> Kaup (Insecta: Phasmatoidea) in Panay island (Philippines) and description of a new species. <i>Comptes Rendus - Biologies</i> , 2011, 334, 320-326.	0.2	6

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55	The spermatogenesis and oogenesis of the springtail <i>Podura aquatica</i> Linn�, 1758 (Hexapoda: Tj ETQq1 1 0.784314 rgBT /Overloc	2.2	6
56	Aurora A inhibition by MNL8054 promotes centriole elongation during <i>Drosophila</i> male meiosis. <i>Cell Cycle</i> , 2015, 14, 2844-2852.	2.6	6
57	Does Unc-GFP uncover ciliary structures in the rhabdomeric eye of <i>Drosophila</i> ? <i>Journal of Cell Science</i> , 2016, 129, 2726-31.	2.0	5
58	First record of the genus <i>Dinophasma</i> Uvarov from the Philippines (Phasmatodea: Aschiphasmataidae). <i>Zootaxa</i> , 2007, 1530, .	0.5	5
59	<i>Drosophila</i> doublefault protein coordinates multiple events during male meiosis by controlling mRNA translation. <i>Development (Cambridge)</i> , 2019, 146, .	2.5	4
60	The spermatozoon of <i>Mengenilla moldrzyki</i> (Strepsiptera, Mengenillidae): Ultrastructure and phylogenetic considerations. <i>Tissue and Cell</i> , 2013, 45, 446-451.	2.2	3
61	Bacteria of the genus <i>Erwinia</i> found in the spermatheca of the laurel psyllid <i>Trioza alacris</i> . <i>Archives of Microbiology</i> , 2014, 196, 901-905.	2.2	3
62	Ultrastructure of the female reproductive apparatus of the egg parasitoid <i>Gryon pennsylvanicum</i> (Ashmead) (Hymenoptera, Platygasteridae). <i>Micron</i> , 2014, 61, 28-39.	2.2	3
63	The sperm structure of <i>Cryptocercus punctulatus</i> Scudder (Blattodea) and sperm evolution in <i>D</i> ictyoptera. <i>Journal of Morphology</i> , 2015, 276, 361-369.	1.2	3