Romano Dallai

List of Publications by Citations

201 papers	3,934 citations	31 h-index	50 g-index
203 ext. papers	4,228 ext. citations	3 avg, IF	5.23 L-index

#	Paper	IF	Citations
201	Hexapod origins: monophyletic or paraphyletic?. *Science*, **2003**, 299, 1887-9	33.3	282
200	Population structure and colonization history of the olive fly, Bactrocera oleae (Diptera, Tephritidae). *Molecular Ecology*, **2005**, 14, 2729-38	5.7	152
199	The complete mitochondrial DNA sequence of the basal hexapod Tetrodontophora bielanensis: evidence for heteroplasmy and tRNA translocations. *Molecular Biology and Evolution*, **2001**, 18, 1293-304	8.3	152
198	Overview on spermatogenesis and sperm structure of Hexapoda. *Arthropod Structure and Development*, **2014**, 43, 257-90	1.8	90
197	Presence of antibacterial peptides on the laid egg chorion of the medfly Ceratitis capitata. *Biochemical and Biophysical Research Communications*, **1997**, 240, 657-63	3.4	65
196	Structure and Evolution of Insect Sperm: New Interpretations in the Age of Phylogenomics. *Annual Review of Entomology*, **2016**, 61, 1-23	21.8	60
195	Mitotic Defects Associated with Cytoplasmic Incompatibility inDrosophila simulans. *Journal of Invertebrate Pathology*, **1996**, 67, 55-64	2.6	60
194	Centrosome inheritance in insects: Fertilization and parthenogenesis. *Biology of the Cell*, **1999**, 91, 355-366	3.9	59
193	Bacteria associated with the oesophageal bulb of the medfly Ceratitis capitata (Diptera:Tephritidae). *Current Microbiology*, **2002**, 44, 120-4	2.4	57
192	Purification and primary structure of ceratotoxin A and B, two antibacterial peptides from the female reproductive accessory glands of the medfly Ceratitis capitata (Insecta:Diptera). *Insect Biochemistry and Molecular Biology*, **1993**, 23, 591-8	4.5	56
191	Fine structure of the spermatheca of Apis mellifera. *Journal of Insect Physiology*, **1975**, 21, 89-109	2.4	54
190	Localization of the Bcl-2 protein to the outer mitochondrial membrane by electron microscopy. *Experimental Cell Research*, **1995**, 221, 363-9	4.2	52
189	Three-dimensional reconstruction of metal replicas of the Helicobacter pylori vacuolating cytotoxin. *Journal of Structural Biology*, **1998**, 121, 9-18	3.4	49
188	Ofd1 is required in limb bud patterning and endochondral bone development. *Developmental Biology*, **2011**, 349, 179-91	3.1	47
187	Cryofracture electron microscopy of the ookinete pellicle of Plasmodium gallinaceum reveals the existence of novel pores in the alveolar membranes. *Journal of Structural Biology*, **2001**, 135, 47-57	3.4	46
186	Microtubule organization during the early development of the parthenogenetic egg of the hymenopteran Muscidifurax uniraptor. *Developmental Biology*, **1998**, 195, 89-99	3.1	45
185	The novel antibacterial peptide ceratotoxin A alters permeability of the inner and outer membrane of Escherichia coli K-12. *Current Microbiology*, **1996**, 33, 40-3	2.4	44

184	Unusual axonemes of hexapod spermatozoa. *International Review of Cytology*, **2006**, 254, 45-99		43
183	cDNA sequence and expression of the ceratotoxin gene encoding an antibacterial sex-specific peptide from the medfly Ceratitis capitata (diptera). *Journal of Biological Chemistry*, **1995**, 270, 6199-204	5.4	42
182	High levels of genetic variability and population differentiation in Gressittacantha terranova (Collembola, Hexapoda) from Victoria Land, Antarctica. *Antarctic Science*, **2001**, 13, 246-254	1.7	41
181	Sperm structure of Mecoptera and Siphonaptera (Insecta) and the phylogenetic position of Boreus hyemalis. *Zoomorphology*, **2003**, 122, 211-220	1	40
180	Genetic variation of mtCOII gene sequences in the collembolan Isotoma klovstadi from Victoria Land, Antarctica: evidence for population differentiation. *Polar Biology*, **2001**, 24, 934-940	2	40
179	Sperm ultrastructure of Mantophasma zephyra (Insecta, Mantophasmatodea). *Zoomorphology*, **2003**, 122, 67-76	1	39
178	Characteristics of the sperm structure in heteroptera (Hemiptera, Insecta). *Journal of Morphology*, **1980**, 164, 301-309	1.6	36
177	Giant spermatozoa and a huge spermatheca: a case of coevolution of male and female reproductive organs in the ground louse Zorotypus impolitus (Insecta, Zoraptera). *Arthropod Structure and Development*, **2014**, 43, 135-51	1.8	35
176	Three-dimensional reconstruction of axonemal outer dynein arms in situ by electron tomography. *Cytoskeleton*, **2005**, 62, 69-83		35
175	The mitochondrial genome of the entomophagous endoparasite Xenos vesparum (Insecta: Strepsiptera). *Gene*, **2006**, 376, 248-59	3.8	34
174	Molecular phylogeny of the apterygotan insects based on nuclear and mitochondrial genes. *Pedobiologia*, **2000**, 44, 361-373	1.7	34
173	Sperm accessory microtubules suggest the placement of Diplura as the sister-group of Insecta s.s. *Arthropod Structure and Development*, **2011**, 40, 77-92	1.8	33
172	Pole cell migration through the gut wall of the Drosophila embryo: analysis of cell interactions. *Developmental Biology*, **1995**, 170, 365-75	3.1	33
171	Molecular characterization of ceratotoxin C, a novel antibacterial female-specific peptide of the ceratotoxin family from the medfly Ceratitis capitata. *FEBS Journal*, **1996**, 241, 330-7		32
170	Morphology of the male reproductive system, sperm ultrastructure and irradiation of the red palm weevil Rhynchophorus ferrugineus Oliv. (Coleoptera: Dryophthoridae). *Tissue and Cell*, **2014**, 46, 274-85	2.7	31
169	Adaptive modulation of sperm production rate in Drosophila bifurca, a species with giant sperm. *Biology Letters*, **2007**, 3, 517-9	3.6	31
168	The midgut ultrastructure of the endoparasite Xenos vesparum (Rossi) (Insecta, Strepsiptera) during post-embryonic development and stable carbon isotopic analyses of the nutrient uptake. *Arthropod Structure and Development*, **2007**, 36, 183-97	1.8	30
167	The sperm structure of Galloisiana yuasai (Insecta, Grylloblattodea) and implications for the phylogenetic position of Grylloblattodea. *Zoomorphology*, **2005**, 124, 205-212	1	30

166	The insect centriole: A land of discovery. *Tissue and Cell*, **2010**, 42, 69-80	2.7	29
165	Assembly of the zygotic centrosome in the fertilized Drosophila egg. *Mechanisms of Development*, **1997**, 65, 135-44	1.7	29
164	The female reproductive accessory glands of the medfly Ceratitis capitata: Antibacterial activity of the secretion fluid. *Insect Biochemistry*, **1991**, 21, 597-605		29
163	The short spermatodesm of Arge pagana (Hymenoptera: symphyta). *Tissue and Cell*, **2008**, 40, 185-93	2.7	28
162	Paired spermatozoa in Thermobia (Insecta, Thysanura). *Journal of Ultrastructure Research*, **1984**, 86, 67-74		28
161	Embryonic development of Zoraptera with special reference to external morphology, and its phylogenetic implications (Insecta). *Journal of Morphology*, **2014**, 275, 295-312	1.6	27
160	Zorotypus in Peninsular Malaysia (Zoraptera: Zorotypidae), with the description of three new species. *Zootaxa*, **2013**, 3717, 498-514	0.5	27
159	Two intromittent organs inZorotypus caudelli(Insecta, Zoraptera): the paradoxical coexistence of an extremely long tube and a large spermatophore. *Biological Journal of the Linnean Society*, **2014**, 112, 40-54	1.9	26
158	High levels of genetic differentiation between Wolbachia-infected and non-infected populations of Folsomia candida (Collembola, Isotomidae). *Pedobiologia*, **2004**, 48, 461-468	1.7	26
157	The use of genetic markers for the diagnosis of sibling species in the genus Isotomurus (Insecta, Collembola). *Bollettino Di Zoologia*, **1995**, 62, 71-76		26
156	Geographical distribution and evolutionary history of organophosphate-resistant Ace alleles in the olive fly (Bactrocera oleae). *Insect Biochemistry and Molecular Biology*, **2006**, 36, 593-602	4.5	25
155	Molecular structure of dynein and motility of a giant sperm axoneme provided with only the outer dynein arm. *Cytoskeleton*, **2001**, 50, 129-46		25
154	The dipteran sperm tail: ultrastructural characteristics and phylogenetic considerations. *Zoologica Scripta*, **1993**, 22, 193-202	2.5	25
153	The spermatogenesis and sperm structure of Timema poppensis (Insecta: Phasmatodea). *Zoomorphology*, **2012**, 131, 209-223	1	24
152	When a parasite breaks all the rules of a colony: morphology and fate of wasps infected by a strepsipteran endoparasite. *Animal Behaviour*, **2011**, 82, 1305-1312	2.8	24
151	The mitochondrial genome of Sinentomon erythranum (Arthropoda: Hexapoda: Protura): an example of highly divergent evolution. *BMC Evolutionary Biology*, **2011**, 11, 246	3	24
150	Fine structure of the spermatheca and of the accessory glands in Orchesella villosa (Collembola, Hexapoda). *Journal of Morphology*, **2008**, 269, 464-78	1.6	24
149	A review of molecular data for the phylogeny of basal hexapods. *Pedobiologia*, **2006**, 50, 191-204	1.7	24

148	Three-Dimensional Reconstructions of Accessory Tubules Observed in the Sperm Axonemes of Two Insect Species. *Journal of Structural Biology*, **1994**, 113, 225-237	3.4	24
147	The spermatozoon of arthropoda. 8. The 9 + 3 flagellum of spider sperm cells. *Journal of Cell Biology*, **1970**, 44, 681-2	7.3	24
146	Egg structure of Zorotypus caudelli Karny (Insecta, Zoraptera, Zorotypidae). *Tissue and Cell*, **2011**, 43, 230-7	2.7	23
145	The spermatozoon of arthropoda. XXIX. The degenerated axoneme and branched acrosome of aleyrodids. *Journal of Ultrastructure Research*, **1977**, 61, 260-70		23
144	Sequences of two cDNA clones from the medfly Ceratitis capitata encoding antibacterial peptides of the cecropin family. *Gene*, **1993**, 134, 241-3	3.8	22
143	The spermatozoon of the gall-midge oligotrophidi (diptera, cecidomyiidae). *Bollettino Di Zoologia*, **1989**, 56, 13-27		22
142	Isomin: a novel cytoplasmic intermediate filament protein from an arthropod species. *BMC Biology*, **2011**, 9, 17	7.3	21
141	Centriole symmetry: a big tale from small organisms. *Cytoskeleton*, **2009**, 66, 1100-5		21
140	Structural and molecular characterization of dynein in a gall-midge insect having motile sperm with only the outer arm. *Cytoskeleton*, **1998**, 39, 303-17		21
139	Spermatozoa from the supertribes Lasiopteridi and Stomatosematidi (Insecta, Diptera, Cecidomyiidae): ultrastructure data and phylogeny of the subfamily Cecidomyiinae. *Zoologica Scripta*, **1996**, 25, 51-60	2.5	21
138	Developmental strategy of the endoparasite Xenos vesparum (strepsiptera, Insecta): host invasion and elusion of its defense reactions. *Journal of Morphology*, **2007**, 268, 588-601	1.6	20
137	Sperm winding in Collembola. *Pedobiologia*, **2004**, 48, 493-501	1.7	20
136	Characteristics of the motile spermatozoa in 5 species of gall-midges (Diptera: Cecidomyiidae). *Arthropod Structure and Development*, **1980**, 9, 383-393		20
135	Deletion of the major proteolytic site of the Helicobacter pylori cytotoxin does not influence toxin activity but favors assembly of the toxin into hexameric structures. *Infection and Immunity*, **1998**, 66, 5547-50	3.7	20
134	Comparative morphology of spermatozoa and reproductive systems of zorapteran species from different world regions (Insecta, Zoraptera). *Arthropod Structure and Development*, **2014**, 43, 371-83	1.8	18
133	A novel membrane specialization in the sperm tail of bug insects (Heteroptera). *Journal of Morphology*, **2009**, 270, 825-33	1.6	18
132	Juvenile hormone regulates the expression of the gene encoding ceratotoxin a, an antibacterial peptide from the female reproductive accessory glands of the medfly Ceratitis capitata. *Journal of Insect Physiology*, **1997**, 43, 1161-1167	2.4	18
131	Cytochalasin induces spindle fusion in the syncytial blastoderm of the early Drosophila embryo. *Biology of the Cell*, **1992**, 74, 249-54	3.5	18

130	Sexual interaction of Euplotes crassus: differentiation of cellular surfaces in cell-to-cell union. *Developmental Biology*, **1980**, 77, 167-77	3.1	18
129	Sperm storage by spermatodoses in the spermatheca of Trioza alacris (Flor, 1861) hemiptera, psylloidea, triozidae: a structural and ultrastructural study. *Journal of Morphology*, **2012**, 273, 195-210	1.6	17
128	Circulating hemocytes from larvae of the paper wasp Polistes dominulus (Hymenoptera, Vespidae). *Tissue and Cell*, **2008**, 40, 103-12	2.7	17
127	Giant sperm cells with accessory macrotubules in a neuropteran insect. *Tissue and Cell*, **2005**, 37, 359-66	2.7	17
126	The axoneme of the spider spermatozoon. *Bollettino Di Zoologia*, **1995**, 62, 335-338		17
125	Characteristics of the flagellar axoneme in Neuroptera, Coleoptera, and Strepsiptera. *Journal of Morphology*, **1994**, 219, 15-20	1.6	17
124	N-acetylhexosaminidases in the secretion of the female reproductive accessory glands of Ceratitis capitata (Diptera). *Insect Biochemistry*, **1989**, 19, 549-555		17
123	The paired spermatozoa of the marine snail, Turritella communis lamarck (Mollusca, Mesogastropoda). *Journal of Ultrastructure Research*, **1983**, 85, 311-319		17
122	Sperm axoneme of two rows of doublets reversely oriented in the gall-midge Lestremia (Diptera, Cecidomyiidae). *Journal of Ultrastructure Research*, **1983**, 82, 19-26		17
121	The evolution of insect sperm an unusual character system in a megadiverse group. *Journal of Zoological Systematics and Evolutionary Research*, **2016**, 54, 237-256	1.9	17
120	Parasitic castration by Xenos vesparum depends on host gender. *Parasitology*, **2014**, 141, 1080-7	2.7	16
119	Sperm ultrastructure of the European hornet Vespa crabro (Linnaeus, 1758) (Hymenoptera: Vespidae). *Arthropod Structure and Development*, **2009**, 38, 54-9	1.8	16
118	Ultrastructural analysis of the aberrant axoneme morphogenesis in thrips (Thysanoptera, Insecta). *Cytoskeleton*, **2007**, 64, 645-61		16
117	Membrane specializations in the spermatozoa of collembolan insects. *Journal of Structural Biology*, **2003**, 142, 311-8	3.4	16
116	Relationships between hexapods and crustaceans based on four mitochondrial genes. *Crustacean Issues*, **2005**, 295-306		16
115	Flagellar Axonemes with 10 Microtubular Doublets in Spermatozoa from Gall-midges (Diptera, Cecidomyiidae). *Acta Zoologica*, **1996**, 77, 153-160	0.8	16
114	Ultrastructural patterns of the flagellar axoneme in the non-motile part of the mole-cricket sperm. *Biology of the Cell*, **1990**, 70, 19-26	3.5	16
113	On zipper-lines or particle arrays within the plasma membrane of hemipteran spermatozoa (Heteroptera, Insecta). *Journal of Ultrastructure Research*, **1982**, 80, 197-205		16

112	Evidence of a procentriole during spermiogenesis in the coccinellid insect Adalia decempunctata (L): An ultrastructural study. *Arthropod Structure and Development*, **2017**, 46, 815-823	1.8	15
111	Spermiogenesis in Three Species of Whitefly (Homoptera, Aleyrodidae). *Acta Zoologica*, **1997**, 78, 163-170	0.8	15
110	Sperm structure of Trichoptera. III. Hydropsychidae, polycentropodidae and philopotamidae (Annulipalpia). *Arthropod Structure and Development*, **1995**, 24, 171-183		15
109	A karyological study of three species of Scincidae (Reptilia). *Chromosoma*, **1969**, 27, 86-94	2.8	15
108	The sperm structure of Embioptera (Insecta) and phylogenetic considerations. *Zoomorphology*, **2007**, 126, 53-59	1	14
107	The ultrastructure of the spermathecae in the Collembola Symphypleona (Hexapoda). *Journal of Morphology*, **2008**, 269, 1122-33	1.6	14
106	Structure and function of the metachronal wave in Tubifex tubifex spermatozeugmata (Annelida, Oligochaeta). *Journal of Structural Biology*, **1988**, 99, 79-95		14
105	Microtubular doublets in a gall midge (Insecta, Diptera) and evidence for their assembly. *Journal of Ultrastructure Research*, **1980**, 70, 363-8		14
104	The sperm ultrastructure and spermiogenesis of Tribolium castaneum (Coleoptera: Tenebrionidae) with evidence of cyst degeneration. *Micron*, **2015**, 73, 21-7	2.3	13
103	Morphology of the male reproductive system and sperm ultrastructure of the egg parasitoid Gryon pennsylvanicum (Ashmead) (Hymenoptera, Platygastridae). *Arthropod Structure and Development*, **2013**, 42, 297-308	1.8	13
102	Characterisation of a monoclonal antibody and its use to purify the cytotoxin of Helicobacter pylori. *FEMS Microbiology Letters*, **1998**, 165, 79-84	2.9	13
101	Response to Comment on "Hexapod Origins: Monophyletic or Paraphyletic?". *Science*, **2003**, 301, 1482e-1482	33.6	13
100	Fine structure of the salivary glands of Heliothrips haemorrhoidalis (Bouché) (Thysanoptera: Thripidae). *Arthropod Structure and Development*, **1999**, 28, 301-308		13
99	Microfilament distribution in cold-treated Drosophila embryos. *Experimental Cell Research*, **1991**, 194, 316-21	4.2	13
98	The centriole adjunct of insects: Need to update the definition. *Tissue and Cell*, **2016**, 48, 104-13	2.7	13
97	The spermatogenesis and the sperm structure of Terebrantia (Thysanoptera, Insecta). *Tissue and Cell*, **2010**, 42, 247-58	2.7	12
96	Functional morphology of the female reproductive apparatus of Stephanitis pyrioides (Heteroptera, Tingidae): a novel role for the pseudospermathecae. *Journal of Morphology*, **2010**, 271, 473-82	1.6	12
95	Sperm structure of Limoniidae and their phylogenetic relationship with Tipulidae (Diptera, Nematocera). *Arthropod Structure and Development*, **2008**, 37, 81-92	1.8	12

94	Taxonomic revision of 14 south-western European species of Isotomurus (Collembola, Isotomidae), with description of four new species and the designation of the neotype for I. palustris. *Zoologica Scripta*, **2001**, 30, 115-143	2.5	12
93	Accessory tubules and axonemal microtubules of Apis mellifera sperm flagellum differ in their tubulin isoform content. *Cytoskeleton*, **2000**, 47, 1-12		12
92	Sperm structure of trichoptera. II. The aflagellated spermatozoa of Hydroptila, Orthotrichia and Stactobia (Hydroptilidae). *Arthropod Structure and Development*, **1995**, 24, 161-170		12
91	Sperm structure of Trichoptera. IV. Rhyacophilidae and Glossosomatidae. *Arthropod Structure and Development*, **1995**, 24, 185-193		12
90	Sperm flagellum of insects belonging to orders Psocoptera, Mallophaga and Anoplura. Ultrastructural and phylogenetic aspects. *Bollettino Di Zoologia*, **1991**, 58, 211-216		12
89	The spermatozoa of Contarinia, Allocontarinia, Lestodiplosis and Myricomyia (Diptera, Cecidomyiidae) with considerations on the systematic relationships within the group. *Bollettino Di Zoologia*, **1993**, 60, 7-18		11
88	Substructure of the axoneme of pterygote insect spermatozoa: Phylogenetic considerations. *Arthropod Structure and Development*, **1993**, 22, 449-458		11
87	A 13+0 axonemal pattern in the spermatozoon ofNeocondeellum dolichotarsum (Insecta, Protura). *Journal of Ultrastructure Research*, **1985**, 93, 179-185		11
86	Fine structure of the ladybird spermatozoa (Insecta, Coleoptera, Coccinellidae). *Arthropod Structure and Development*, **2018**, 47, 286-298	1.8	10
85	The sperm ultrastructure of Caurinus dectes Russell (Mecoptera: Boreidae) and its phylogenetic implications. *Tissue and Cell*, **2013**, 45, 397-401	2.7	10
84	Structural organization of the "zipper line" in Drosophila species with giant spermatozoa. *Journal of Structural Biology*, **2008**, 161, 43-54	3.4	10
83	Ultrastructural and molecular identification of a new Rickettsia endosymbiont in the springtail Onychiurus sinensis (Hexapoda, Collembola). *Journal of Invertebrate Pathology*, **2006**, 93, 150-6	2.6	10
82	Tubulin glycylation and glutamylation deficiencies in unconventional insect axonemes. *Cytoskeleton* , **2005**, 61, 226-36		10
81	Virus-like Particles and Rickettsia-like Organisms in Male Germ and Cyst Cells of Bemisia tabaci (Homoptera, Aleyrodidae). *Journal of Invertebrate Pathology*, **1996**, 67, 309-11	2.6	10
80	Fine structure of spermatheca and accessory gland of Frankliniella occidentalis (Pergande) (Thysanoptera: Thripidae). *Arthropod Structure and Development*, **1996**, 25, 317-330		10
79	Abnormal behavior of the yolk centrosomes during early embryogenesis of Drosophila melanogaster. *Experimental Cell Research*, **1991**, 192, 16-21	4.2	10
78	Centrosome inheritance in insects: Fertilization and parthenogenesis **1999**, 91, 355		10
77	A microtubule organizing centre (MTOC) is responsible for the production of the sperm flagellum in Matsucoccus feytaudi (Hemiptera: Coccoidea). *Arthropod Structure and Development*, **2015**, 44, 237-42	1.8	9

76	The sperm ultrastructure of Stictoleptura cordigera (Füssli, 1775) (Insecta, Coleoptera, Cerambycidae). *Tissue and Cell*, **2015**, 47, 73-7	2.7	9
75	The intermediate sperm type and genitalia of Zorotypus shannoni Gurney: evidence supporting infraordinal lineages in Zoraptera (Insecta). *Zoomorphology*, **2015**, 134, 79-91	1	9
74	Centrioles to basal bodies in the spermiogenesis of Mastotermes darwiniensis (Insecta, Isoptera). *Cytoskeleton*, **2009**, 66, 248-59		9
73	The putative-farnesoic acid O-methyl transferase (FAMeT) gene of Ceratitis capitata: characterization and pre-imaginal life expression. *Archives of Insect Biochemistry and Physiology*, **2010**, 73, 106-17	2.3	9
72	Glutamylated and glycylated tubulin isoforms in the aberrant sperm axoneme of the gall-midge fly, Asphondylia ruebsaameni. *Cytoskeleton*, **2004**, 58, 160-74		9
71	External gestation of Exogone naidina Oersted, 1845 (Polychaeta, Syllidae): ventral attachment of eggs and embryos. *Tissue and Cell*, **2003**, 35, 297-305	2.7	9
70	Assessing species boundaries and evolutionary relationships in a group of south-western European species of Isotomurus (Collembola, Isotomidae) using allozyme data. *Zoologica Scripta*, **2005**, 34, 71-79	2.5	9
69	Ultrastructural aspects of the development of the cytoplasmic connection between mating cells of the ciliate Euplotes crassus. *European Journal of Protistology*, **1989**, 24, 125-32	3.6	9
68	The peculiar structure of the flagellar axoneme in Coccinellidae (Insecta-Coleoptera). *Arthropod Structure and Development*, **2019**, 49, 50-61	1.8	9
67	Sperm ultrastructure in several species of Carabidae beetles (Insecta, Adephaga) and their organization in spermatozeugmata. *Arthropod Structure and Development*, **2019**, 51, 1-13	1.8	8
66	The sperm of Matsucoccus feytaudi (Insecta, Coccoidea): Can the microtubular bundle be considered as a true flagellum?. *Arthropod Structure and Development*, **2015**, 44, 142-56	1.8	8
65	The morphology of the eggs of three species of Zoraptera (Insecta). *Arthropod Structure and Development*, **2015**, 44, 656-66	1.8	8
64	Axonemal structure and insect phylogeny. *Bollettino Di Zoologia*, **1993**, 60, 423-429		8
63	The spermatodesm of Cloeon dipterum (L.): fine structure and sperm movement. *Tissue and Cell*, **2011**, 43, 157-64	2.7	7
62	The ultrastructure of malpighian tubules and the chemical composition of the cocoon of Aeolothrips intermedius Bagnall (Thysanoptera). *Journal of Morphology*, **2010**, 271, 244-54	1.6	7
61	Putative-farnesoic acid O-methyltransferase (FAMeT) in medfly reproduction. *Archives of Insect Biochemistry and Physiology*, **2010**, 75, 92-106	2.3	7
60	Fine structure of the male reproductive organs of the western flower thrips Frankliniella occidentalis (Pergande) (Thysanoptera: Thripidae). *Arthropod Structure and Development*, **1997**, 26, 97-112		7
59	Characteristics of Spermatozoa from Five Gall-Midge Species (Diptera, Cecidomyiidae). *Acta Zoologica*, **1997**, 78, 33-37	0.8	7

58	Ultrastructure of the accessory gland in the parthenogenetic thrips heliothrips haemorrhoidalis (Bouché) (Thysanoptera : Thripidae). *Arthropod Structure and Development*, **1998**, 27, 255-261		7
57	Sperm ultrastructure and spermiogenesis in two Exogone species (Polychaeta, Syllidae, Exogoninae). *Invertebrate Biology*, **2005**, 121, 339-349	1	7
56	The gut structure of Sinentomon erythanum yin (Protura : Sinentomidae). *Arthropod Structure and Development*, **1989**, 18, 173-184		7
55	Ultrastructure of sensillum t1 on the foretarsus of Acerentomon majus berlese (Protura : Acerentomidae). *Arthropod Structure and Development*, **1981**, 10, 321-330		7
54	Ultrastructural and polarized light microscope studies on spermatophores of Dicyrtoma ornata (Insecta, Collembola). *Journal of Ultrastructure Research*, **1975**, 50, 355-61		7
53	The sperm structure and spermiogenesis of the heteropteran Coptosoma scutellatum (Geoffroy) with emphasis on the development of the centriole adjunct. *Micron*, **2016**, 82, 33-40	2.3	6
52	The ultrastructure of spermiogenesis in four species of Coccoidea (Insecta, Homoptera). *Zoologischer Anzeiger*, **2015**, 258, 69-81	1.1	6
51	Ultrastructure of the sperm axoneme and molecular analysis of axonemal dynein in Ephemeroptera (Insecta). *Cytoskeleton*, **2014**, 71, 328-39	2.4	6
50	Sperm ultrastructure in Chironomoidea (Insecta, Diptera). *Tissue and Cell*, **2007**, 39, 179-94	2.7	6
49	New data on the aberrant spermatogenesis of Collembola. *Pedobiologia*, **2004**, 48, 487-492	1.7	6
48	The organization of actin in the apical region of insect midgut cells after deep etching. *Journal of Structural Biology*, **1998**, 122, 283-92	3.4	6
47	Diazepam induces abnormal mitosis in the early Drosophila embryo. *Biology of the Cell*, **1989**, 67, 313-320	3.5	6
46	Fine structure of the pyloric region and of the hindgut in the proturan Neocondeellum dolichotarsum (insecta, protura). *Journal of Morphology*, **1987**, 194, 173-186	1.6	6
45	Plasma membrane specialization at the discharge site of the excretory poreless vacuole of the ciliate Euplotes raikovi. *Tissue and Cell*, **1985**, 17, 309-20	2.7	6
44	CD and NMR structural characterization of ceratotoxins, natural peptides with antimicrobial activity **1996**, 39, 653		6
43	A peculiar new virus-spermatozoon association in the bug Raphigaster nebulosa (Poda) (Heteroptera-Insecta). *Arthropod Structure and Development*, **2016**, 45, 64-8	1.8	5
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