

Matthew Cobb

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

2,124
citations

304368

22
h-index

264894

42
g-index

54
all docs

54
docs citations

54
times ranked

2082
citing authors

#	ARTICLE	IF	CITATIONS
1	Are there any good experiments that should not be done?. PLoS Biology, 2022, 20, e3001539.	2.6	0
2	Factors affecting the biosynthesis and emission of a <i>Drosophila</i> pheromone. Journal of Experimental Biology, 2022, 225, .	0.8	4
3	A breakthrough from 60 years ago: "General nature of the genetic code for proteins"(1961). Natural Sciences, 2021, 1, e10018.	1.0	0
4	A dangerous, wrong or unneeded experiment? Don't do it. Nature, 2021, 594, 496-496.	13.7	0
5	<i>Drosophila</i> Courtship: Neuronal Coordination of Behavioural Sequences and a 60-Year-Old Hypothesis. Current Biology, 2019, 29, R250-R252.	1.8	1
6	Desiccation resistance: effect of cuticular hydrocarbons and water content in <i>Drosophila melanogaster</i> adults. PeerJ, 2018, 6, e4318.	0.9	44
7	Pre-imaginal conditioning alters adult sex pheromone response in <i>Drosophila</i> . PeerJ, 2018, 6, e5585.	0.9	12
8	60 years ago, Francis Crick changed the logic of biology. PLoS Biology, 2017, 15, e2003243.	2.6	106
9	The prehistory of biology preprints: A forgotten experiment from the 1960s. PLoS Biology, 2017, 15, e2003995.	2.6	53
10	A Speculative History of DNA: What If Oswald Avery Had Died in 1934?. PLoS Biology, 2016, 14, e2001197.	2.6	3
11	Commentary: Through a glass, darkly "Dick Lewontin's 1968 lecture on human genetics. International Journal of Epidemiology, 2016, 45, 664-666.	0.9	1
12	The peripheral olfactory code in <i>Drosophila</i> larvae contains temporal information and is robust over multiple timescales. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20160665.	1.2	9
13	Global Survey of Variation in a Human Olfactory Receptor Gene Reveals Signatures of Non-Neutral Evolution. Chemical Senses, 2015, 40, 481-488.	1.1	31
14	Who discovered messenger RNA?. Current Biology, 2015, 25, R526-R532.	1.8	72
15	Oswald Avery, DNA, and the transformation of biology. Current Biology, 2014, 24, R55-R60.	1.8	17
16	1953: When Genes Became "Information". Cell, 2013, 153, 503-506.	13.5	21
17	Incipient speciation in <i>Drosophila melanogaster</i> involves chemical signals. Scientific Reports, 2012, 2, 224.	1.6	63
18	Modeling Peripheral Olfactory Coding in <i>Drosophila</i> Larvae. PLoS ONE, 2011, 6, e22996.	1.1	22

#	ARTICLE	IF	CITATIONS
19	Pycnogonids. <i>Current Biology</i> , 2010, 20, R591-R593.	1.8	3
20	<i>Drosophila</i> Cuticular Hydrocarbons Revisited: Mating Status Alters Cuticular Profiles. <i>PLoS ONE</i> , 2010, 5, e9607.	1.1	240
21	Stegosaurus. <i>Current Biology</i> , 2009, 19, R1102-R1103.	1.8	0
22	Gustation in <i>Drosophila melanogaster</i> . <i>SEB Experimental Biology Series</i> , 2009, 63, 1-38.	0.1	9
23	The behaviour of <i>Drosophila melanogaster</i> maggots is affected by social, physiological and temporal factors. <i>Animal Behaviour</i> , 2008, 75, 1619-1628.	0.8	9
24	The red flour beetle's large nose: An expanded odorant receptor gene family in <i>Tribolium castaneum</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2008, 38, 387-397.	1.2	225
25	Precise and Fuzzy Coding by Olfactory Sensory Neurons. <i>Journal of Neuroscience</i> , 2008, 28, 9710-9722.	1.7	24
26	A gene mutation which changed animal behaviour: Margaret Bastock and the yellow fly. <i>Animal Behaviour</i> , 2007, 74, 163-169.	0.8	9
27	An Inhibitory Sex Pheromone Tastes Bitter for <i>Drosophila</i> Males. <i>PLoS ONE</i> , 2007, 2, e661.	1.1	125
28	Dog paw preference shows lability and sex differences. <i>Behavioural Processes</i> , 2006, 73, 216-221.	0.5	43
29	Heredity before genetics: a history. <i>Nature Reviews Genetics</i> , 2006, 7, 953-958.	7.7	20
30	Reproductive conflicts and mutilation in queenless <i>Diacamma</i> ants. <i>Animal Behaviour</i> , 2006, 72, 305-311.	0.8	16
31	Morphological variations in the pre-imaginal development of the ponerine ant <i>Diacamma ceylonense</i> . <i>Acta Zoologica</i> , 2005, 86, 25-31.	0.6	10
32	Chemical stimuli induce courtship dominance in <i>Drosophila</i> . <i>Current Biology</i> , 2005, 15, R790-R792.	1.8	14
33	Olfactory coding in <i>Drosophila</i> larvae investigated by cross-adaptation. <i>Journal of Experimental Biology</i> , 2005, 208, 3483-3491.	0.8	35
34	Species-specific effects of single sensillum ablation on mating position in <i>Drosophila</i> . <i>Journal of Experimental Biology</i> , 2003, 206, 3095-3100.	0.8	57
35	Malpighi, Swammerdam and the Colourful Silkworm: Replication and Visual Representation in Early Modern Science. <i>Annals of Science</i> , 2002, 59, 111-147.	0.2	35
36	Regulation of reproduction in a queenless ant: aggression, pheromones and reduction in conflict. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2002, 269, 1295-1300.	1.2	68

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37	Exorcizing the animal spirits: Jan Swammerdam on nerve function. <i>Nature Reviews Neuroscience</i> , 2002, 3, 395-400.	4.9	51
38	Sex, age and ovarian activity affect cuticular hydrocarbons in <i>Diacamma ceylonense</i> , a queenless ant. <i>Journal of Insect Physiology</i> , 2001, 47, 485-493.	0.9	163
39	Reading and writing <i>The Book of Nature: Jan Swammerdam (1637-1680)</i> . <i>Endeavour</i> , 2000, 24, 122-128.	0.1	18
40	Olfactory coding in a simple system: adaptation in <i>Drosophila</i> larvae. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2000, 267, 2119-2125.	1.2	38
41	What and how do maggots smell?. <i>Biological Reviews</i> , 1999, 74, 425-459.	4.7	87
42	Evolution and genetic control of mate recognition and stimulation in <i>Drosophila</i> . <i>Behavioural Processes</i> , 1995, 35, 35-54.	0.5	71
43	Multiple genetic control of acetate-induced olfactory responses in <i>Drosophila melanogaster</i> larvae. <i>Heredity</i> , 1994, 73, 444-455.	1.2	28
44	Pheromones, mate recognition and courtship stimulation in the <i>Drosophila melanogaster</i> species sub-group. <i>Animal Behaviour</i> , 1990, 39, 1058-1067.	0.8	175
45	The Structure of Courtship in the <i>Drosophila Melanogaster</i> Species Sub-Group. <i>Behaviour</i> , 1986, 97, 182-211.	0.4	46
46	Behavioral and evolutionary roles of cuticular hydrocarbons in Diptera. , 0, , 325-343.		41