Jeremy A Lynch

List of Publications by Year
in descending order

42	3,596	394421	243625
papers	citations	19 h-index	44 g-index

54	54	54	3851
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The genome of the model beetle and pest Tribolium castaneum. Nature, 2008, 452, 949-955.	27.8	1,255
2	Functional and Evolutionary Insights from the Genomes of Three Parasitoid Nasonia Species. Science, 2010, 327, 343-348.	12.6	808
3	Localized maternal orthodenticle patterns anterior and posterior in the long germ wasp Nasonia. Nature, 2006, 439, 728-732.	27.8	180
4	A method for parental RNA interference in the wasp Nasonia vitripennis. Nature Protocols, 2006, 1, 486-494.	12.0	146
5	Symmetry Breaking During Drosophila Oogenesis. Cold Spring Harbor Perspectives in Biology, 2009, 1, a001891-a001891.	5.5	141
6	The evolution of dorsalâ€“ventral patterning mechanisms in insects. Genes and Development, 2011, 25, 107-118.	5.9	98
7	A major role for zygotic hunchback in patterning the Nasonia embryo. Development (Cambridge), 2005, 132, 3705-3715.	2.5	83
8	Comparisons of the embryonic development of Drosophila, Nasonia, and Tribolium. Wiley Interdisciplinary Reviews: Developmental Biology, 2012, 1, 16-39.	5.9	81
9	The Phylogenetic Origin of oskar Coincided with the Origin of Maternally Provisioned Germ Plasm and Pole Cells at the Base of the Holometabola. PLoS Genetics, 2011, 7, e1002029.	3.5	71
10	EGF Signaling and the Origin of Axial Polarity among the Insects. Current Biology, 2010, 20, 1042-1047.	3.9	70
11	Regulation and function of tailless in the long germ wasp Nasonia vitripennis. Development Genes and Evolution, 2006, 216, 493-498.	0.9	64
12	Heads and tails: Evolution of antero-posterior patterning in insects. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2009, 1789, 333-342.	1.9	54
13	The Expanding Genetic Toolbox of the Wasp Nasonia vitripennis and Its Relatives. Genetics, 2015, 199, 897-904.	2.9	49
14	A New Component of the Nasonia Sex Determining Cascade Is Maternally Silenced and Regulates Transformer Expression. PLoS ONE, 2013, 8, e63618.	2.5	45
15	Dynamic BMP signaling polarized by Toll patterns the dorsoventral axis in a hemimetabolous insect. ELife, 2015, 4, e05502.	6.0	40
16	Dorsoventral Polarity of the Nasonia Embryo Primarily Relies on a BMP Gradient Formed without Input from Toll. Current Biology, 2014, 24, 2393-2398.	3.9	38
17	Patterning the dorsalâ€“ventral axis of the wasp Nasonia vitripennis. Developmental Biology, 2013, 381, 189-202.	2.0	36
18	Novel modes of localization and function of nanos in the wasp Nasonia. Development (Cambridge), 2010, 137, 3813-3821.	2.5	33

#	Article	IF	Citations
19	Evolution of Development: Beyond Bicoid. Current Biology, 2003, 13, R557-R559.	3.9	31
20	Evolution of axis formation: mRNA localization, regulatory circuits and posterior specification in non-model arthropods. Current Opinion in Genetics and Development, 2009, 19, 404-411.	3.3	20
21	Ancient and diverged TGF-Î² signaling components in Nasonia vitripennis. Development Genes and Evolution, 2014, 224, 223-233.	0.9	20
22	Emerging developmental genetic model systems in holometabolous insects. Current Opinion in Genetics and Development, 2016, 39, 116-128.	3.3	20
23	Striking parallels between dorsoventral patterning in Drosophila and Gryllus reveal a complex evolutionary history behind a model gene regulatory network. ELife, 2021, 10, .	6.0	20
24	Fog signaling has diverse roles in epithelial morphogenesis in insects. ELife, 2019, 8, .	6.0	20
25	'De-evolution' of Drosophila toward a more generic mode of axis patterning. International Journal of Developmental Biology, 2003, 47, 497-503.	0.6	18
26	The evolution of insect germline specification strategies. Current Opinion in Insect Science, 2016, 13, 99-105.	4.4	14
27	Global analysis of dorsoventral patterning in the wasp Nasonia reveals extensive incorporation of novelty in a regulatory network. BMC Biology, 2016, 14, 63.	3.8	13
28	Dnmt1a is essential for gene body methylation and the regulation of the zygotic genome in a wasp. PLoS Genetics, 2022, 18, e1010181.	3.5	13
29	Genome Report: Whole Genome Sequence and Annotation of the Parasitoid Jewel Wasp Nasonia girault Laboratory Strain RV2X[u]. G3: Genes, Genomes, Genetics, 2020, 10, 2565-2572.	1.8	12
30	Does the Bicoid Gradient Matter?. Cell, 2012, 149, 511-512.	28.9	11
31	Dissection of the complex genetic basis of craniofacial anomalies using haploid genetics and interspecies hybrids in Nasonia wasps. Developmental Biology, 2016, 415, 391-405.	2.0	11
32	Ploidy has little effect on timing early embryonic events in the haploâ€diploid wasp Nasonia. Genesis, 2017, 55, e23029.	1.6	9
33	Ankyrin domain encoding genes from an ancient horizontal transfer are functionally integrated into Nasonia developmental gene regulatory networks. Genome Biology, 2018, 19, 148.	8.8	9
34	Diversity of molecules and mechanisms in establishing insect anteriorâ€“posterior polarity. Current Opinion in Insect Science, 2014, 1, 39-44.	4.4	8
35	Transcriptomic and functional analysis of the oosome, a unique form of germ plasm in the wasp Nasonia vitripennis. BMC Biology, 2019, 17, 78.	3.8	7
36	Deep, Staged Transcriptomic Resources for the Novel Coleopteran Models Atrachya menetriesi and Callosobruchus maculatus. PLoS ONE, 2016, 11, e0167431.	2.5	7

#	Article	IF	Citations
37	Establishment of F1 hybrid mortality in real time. BMC Evolutionary Biology, 2017, 17, 37.	3.2	3
38	Evolution of germ plasm assembly and function among the insects. Current Opinion in Insect Science, 2022, 50, 100883.	4.4	3
39	Axis Formation: Microtubules Push in the Right Direction. Current Biology, 2012, 22, R537-R539.	3.9	2
40	Evolution of maternal control of axial patterning in insects. Current Opinion in Insect Science, 2019, 31, 37-42.	4.4	2
41	Genetic, morphometric, and molecular analyses of interspecies differences in head shape and hybrid developmental defects in the wasp genus Nasonia. G3: Genes, Genomes, Genetics, 2021, 11, .	1.8	2
42	Expression and Function of Toll Pathway Components in the Early Development of the Wasp Nasonia vitripennis. Journal of Developmental Biology, 2022, 10, 7.	1.7	1