

Jeremy A Lynch

List of Publications by Year in descending order

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42
papers

3,596
citations

394421

19
h-index

243625

44
g-index

54
all docs

54
docs citations

54
times ranked

3851
citing authors

#	ARTICLE	IF	CITATIONS
1	Expression and Function of Toll Pathway Components in the Early Development of the Wasp <i>Nasonia vitripennis</i> . <i>Journal of Developmental Biology</i> , 2022, 10, 7.	1.7	1
2	Evolution of germ plasm assembly and function among the insects. <i>Current Opinion in Insect Science</i> , 2022, 50, 100883.	4.4	3
3	Dnmt1a is essential for gene body methylation and the regulation of the zygotic genome in a wasp. <i>PLoS Genetics</i> , 2022, 18, e1010181.	3.5	13
4	Striking parallels between dorsoventral patterning in <i>Drosophila</i> and <i>Gryllus</i> reveal a complex evolutionary history behind a model gene regulatory network. <i>ELife</i> , 2021, 10, .	6.0	20
5	Genetic, morphometric, and molecular analyses of interspecies differences in head shape and hybrid developmental defects in the wasp genus <i>Nasonia</i> . <i>G3: Genes, Genomes, Genetics</i> , 2021, 11, .	1.8	2
6	Genome Report: Whole Genome Sequence and Annotation of the Parasitoid Jewel Wasp <i>Nasonia giraulti</i> Laboratory Strain RV2X[u]. <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 2565-2572.	1.8	12
7	Evolution of maternal control of axial patterning in insects. <i>Current Opinion in Insect Science</i> , 2019, 31, 37-42.	4.4	2
8	Transcriptomic and functional analysis of the oosome, a unique form of germ plasm in the wasp <i>Nasonia vitripennis</i> . <i>BMC Biology</i> , 2019, 17, 78.	3.8	7
9	Fog signaling has diverse roles in epithelial morphogenesis in insects. <i>ELife</i> , 2019, 8, .	6.0	20
10	Ankyrin domain encoding genes from an ancient horizontal transfer are functionally integrated into <i>Nasonia</i> developmental gene regulatory networks. <i>Genome Biology</i> , 2018, 19, 148.	8.8	9
11	Ploidy has little effect on timing early embryonic events in the haplo-diploid wasp <i>Nasonia</i> . <i>Genesis</i> , 2017, 55, e23029.	1.6	9
12	Establishment of F1 hybrid mortality in real time. <i>BMC Evolutionary Biology</i> , 2017, 17, 37.	3.2	3
13	Global analysis of dorsoventral patterning in the wasp <i>Nasonia</i> reveals extensive incorporation of novelty in a regulatory network. <i>BMC Biology</i> , 2016, 14, 63.	3.8	13
14	The evolution of insect germline specification strategies. <i>Current Opinion in Insect Science</i> , 2016, 13, 99-105.	4.4	14
15	Emerging developmental genetic model systems in holometabolous insects. <i>Current Opinion in Genetics and Development</i> , 2016, 39, 116-128.	3.3	20
16	Dissection of the complex genetic basis of craniofacial anomalies using haploid genetics and interspecies hybrids in <i>Nasonia</i> wasps. <i>Developmental Biology</i> , 2016, 415, 391-405.	2.0	11
17	Deep, Staged Transcriptomic Resources for the Novel Coleopteran Models <i>Atrachya menetriesi</i> and <i>Callosobruchus maculatus</i> . <i>PLoS ONE</i> , 2016, 11, e0167431.	2.5	7
18	The Expanding Genetic Toolbox of the Wasp <i>Nasonia vitripennis</i> and Its Relatives. <i>Genetics</i> , 2015, 199, 897-904.	2.9	49

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19	Dynamic BMP signaling polarized by Toll patterns the dorsoventral axis in a hemimetabolous insect. <i>ELife</i> , 2015, 4, e05502.	6.0	40
20	Dorsoventral Polarity of the <i>Nasonia</i> Embryo Primarily Relies on a BMP Gradient Formed without Input from Toll. <i>Current Biology</i> , 2014, 24, 2393-2398.	3.9	38
21	Ancient and diverged TGF- β signaling components in <i>Nasonia vitripennis</i> . <i>Development Genes and Evolution</i> , 2014, 224, 223-233.	0.9	20
22	Diversity of molecules and mechanisms in establishing insect anterior-posterior polarity. <i>Current Opinion in Insect Science</i> , 2014, 1, 39-44.	4.4	8
23	Patterning the dorsal-ventral axis of the wasp <i>Nasonia vitripennis</i> . <i>Developmental Biology</i> , 2013, 381, 189-202.	2.0	36
24	A New Component of the <i>Nasonia</i> Sex Determining Cascade Is Maternally Silenced and Regulates Transformer Expression. <i>PLoS ONE</i> , 2013, 8, e63618.	2.5	45
25	Axis Formation: Microtubules Push in the Right Direction. <i>Current Biology</i> , 2012, 22, R537-R539.	3.9	2
26	Does the Bicoid Gradient Matter?. <i>Cell</i> , 2012, 149, 511-512.	28.9	11
27	Comparisons of the embryonic development of <i>Drosophila</i> , <i>Nasonia</i> , and <i>Tribolium</i> . <i>Wiley Interdisciplinary Reviews: Developmental Biology</i> , 2012, 1, 16-39.	5.9	81
28	The evolution of dorsal-ventral patterning mechanisms in insects. <i>Genes and Development</i> , 2011, 25, 107-118.	5.9	98
29	The Phylogenetic Origin of <i>oskar</i> Coincided with the Origin of Maternally Provisioned Germ Plasm and Pole Cells at the Base of the Holometabola. <i>PLoS Genetics</i> , 2011, 7, e1002029.	3.5	71
30	EGF Signaling and the Origin of Axial Polarity among the Insects. <i>Current Biology</i> , 2010, 20, 1042-1047.	3.9	70
31	Novel modes of localization and function of <i>nanos</i> in the wasp <i>Nasonia</i> . <i>Development (Cambridge)</i> , 2010, 137, 3813-3821.	2.5	33
32	Functional and Evolutionary Insights from the Genomes of Three Parasitoid <i>Nasonia</i> Species. <i>Science</i> , 2010, 327, 343-348.	12.6	808
33	Symmetry Breaking During <i>Drosophila</i> Oogenesis. <i>Cold Spring Harbor Perspectives in Biology</i> , 2009, 1, a001891-a001891.	5.5	141
34	Heads and tails: Evolution of antero-posterior patterning in insects. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2009, 1789, 333-342.	1.9	54
35	Evolution of axis formation: mRNA localization, regulatory circuits and posterior specification in non-model arthropods. <i>Current Opinion in Genetics and Development</i> , 2009, 19, 404-411.	3.3	20
36	The genome of the model beetle and pest <i>Tribolium castaneum</i> . <i>Nature</i> , 2008, 452, 949-955.	27.8	1,255

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37	A method for parental RNA interference in the wasp <i>Nasonia vitripennis</i> . <i>Nature Protocols</i> , 2006, 1, 486-494.	12.0	146
38	Localized maternal orthodenticle patterns anterior and posterior in the long germ wasp <i>Nasonia</i> . <i>Nature</i> , 2006, 439, 728-732.	27.8	180
39	Regulation and function of <i>tailless</i> in the long germ wasp <i>Nasonia vitripennis</i> . <i>Development Genes and Evolution</i> , 2006, 216, 493-498.	0.9	64
40	A major role for zygotic hunchback in patterning the <i>Nasonia</i> embryo. <i>Development (Cambridge)</i> , 2005, 132, 3705-3715.	2.5	83
41	Evolution of Development: Beyond Bicoid. <i>Current Biology</i> , 2003, 13, R557-R559.	3.9	31
42	'De-evolution' of <i>Drosophila</i> toward a more generic mode of axis patterning. <i>International Journal of Developmental Biology</i> , 2003, 47, 497-503.	0.6	18