

Lucas Leclere

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,516
citations

361388

20
h-index

526264

27
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39
all docs

39
docs citations

39
times ranked

1276
citing authors

#	ARTICLE	IF	CITATIONS
1	Muscle systems and motility of early animals highlighted by cnidarians from the basal Cambrian. <i>ELife</i> , 2022, 11, .	6.0	8
2	Past, present and future of <i>Clytia hemisphaerica</i> as a laboratory jellyfish. <i>Current Topics in Developmental Biology</i> , 2022, 147, 121-151.	2.2	8
3	Whole-animal multiplexed single-cell RNA-seq reveals transcriptional shifts across <i>Clytia</i> medusa cell types. <i>Science Advances</i> , 2021, 7, eabh1683.	10.3	47
4	A G protein-coupled receptor mediates neuropeptide-induced oocyte maturation in the jellyfish <i>Clytia</i> . <i>PLoS Biology</i> , 2020, 18, e3000614.	5.6	31
5	Dynamic Evolution of the <i>Cthrc1</i> Genes, a Newly Defined Collagen-Like Family. <i>Genome Biology and Evolution</i> , 2020, 12, 3957-3970.	2.5	12
6	An improved whole life cycle culture protocol for the hydrozoan genetic model <i>Clytia hemisphaerica</i> . <i>Biology Open</i> , 2020, 9, .	1.2	22
7	Pattern regulation in a regenerating jellyfish. <i>ELife</i> , 2020, 9, .	6.0	31
8	Molecular characterisation of a cellular conveyor belt in <i>Clytia</i> medusae. <i>Developmental Biology</i> , 2019, 456, 212-225.	2.0	17
9	The genome of the jellyfish <i>Clytia hemisphaerica</i> and the evolution of the cnidarian life-cycle. <i>Nature Ecology and Evolution</i> , 2019, 3, 801-810.	7.8	135
10	A safer, urea-based in situ hybridization method improves detection of gene expression in diverse animal species. <i>Developmental Biology</i> , 2018, 434, 15-23.	2.0	50
11	A gonad-expressed opsin mediates light-induced spawning in the jellyfish <i>Clytia</i> . <i>ELife</i> , 2018, 7, .	6.0	69
12	Hydrozoan insights in animal development and evolution. <i>Current Opinion in Genetics and Development</i> , 2016, 39, 157-167.	3.3	44
13	Development of the aboral domain in <i>Nematostella</i> requires β -catenin and the opposing activities of <i>six3/6</i> and <i>frizzled5/8</i> . <i>Development (Cambridge)</i> , 2016, 143, 1766-77.	2.5	59
14	Diversity of Cnidarian Muscles: Function, Anatomy, Development and Regeneration. <i>Frontiers in Cell and Developmental Biology</i> , 2016, 4, 157.	3.7	60
15	RGM Regulates BMP-Mediated Secondary Axis Formation in the Sea Anemone <i>Nematostella vectensis</i> . <i>Cell Reports</i> , 2014, 9, 1921-1930.	6.4	50
16	Expanding roles for the evolutionarily conserved <i>Dmrt</i> sex transcriptional regulators during embryogenesis. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 3829-3845.	5.4	50
17	The <i>Xenopus</i> doublesex-related gene <i>Dmrt5</i> is required for olfactory placode neurogenesis. <i>Developmental Biology</i> , 2013, 373, 39-52.	2.0	37
18	The Bilaterian Head Patterning Gene <i>six3/6</i> Controls Aboral Domain Development in a Cnidarian. <i>PLoS Biology</i> , 2013, 11, e1001488.	5.6	144

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19	Repeated Evolution of Identical Domain Architecture in Metazoan Netrin Domain-Containing Proteins. <i>Genome Biology and Evolution</i> , 2012, 4, 883-899.	2.5	23
20	Maternally localized germ plasm mRNAs and germ cell/stem cell formation in the cnidarian <i>Clytia</i> . <i>Developmental Biology</i> , 2012, 364, 236-248.	2.0	90
21	Somatic stem cells express Piwi and Vasa genes in an adult ctenophore: Ancient association of germline genes with stemness. <i>Developmental Biology</i> , 2011, 350, 183-197.	2.0	123
22	Molecular Phylogenetics of Thecata (Hydrozoa, Cnidaria) Reveals Long-Term Maintenance of Life History Traits despite High Frequency of Recent Character Changes. <i>Systematic Biology</i> , 2009, 58, 509-526.	5.6	88
23	Conserved Functions for Mos in Eumetazoan Oocyte Maturation Revealed by Studies in a Cnidarian. <i>Current Biology</i> , 2009, 19, 305-311.	3.9	59
24	Ordered progression of nematogenesis from stem cells through differentiation stages in the tentacle bulb of <i>Clytia hemisphaerica</i> (Hydrozoa, Cnidaria). <i>Developmental Biology</i> , 2008, 315, 99-113.	2.0	101
25	Phylogeny of the Plumularioidea (Hydrozoa, Leptothecata): evolution of colonial organisation and life cycle. <i>Zoologica Scripta</i> , 2007, 36, 371-394.	1.7	47
26	On some morphologically aberrant, auto-epizootic forms of <i>Plumularia setacea</i> (Linnaeus, 1758) (Cnidaria: Hydrozoa) from southern Chile. <i>Zootaxa</i> , 2007, 1484, 39-49.	0.5	10
27	Polarised expression of FoxB and FoxQ2 genes during development of the hydrozoan <i>Clytia hemisphaerica</i> . <i>Development Genes and Evolution</i> , 2006, 216, 709-720.	0.9	72