Demian Koop

List of Publications by Year
in descending order

15	294	1051969 10	1113639 15
papers	citations	h-index	g-index

16	16	16	341
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Transcriptomic analysis of Nodal â€“ and BMP- associated genes during development to the juvenile seastar in Parvulastra exigua (Asterinidae). Marine Genomics, 2021, 59, 100857.	0.4	2
2	Transcriptomic analysis of sea star development through metamorphosis to the highly derived pentameral body plan with a focus on neural transcription factors. DNA Research, 2020, 27, .	1.5	11
3	Early development of the feeding larva of the sea urchin Heliocidaris tuberculata: role of the small micromeres. Development Genes and Evolution, 2019, 229, 1-12.	0.4	3
4	Expression of genes and proteins of the paxâ€sixâ€eyaâ€dach network in the metamorphic sea urchin: Insights into development of the enigmatic echinoderm body plan and sensory structures. Developmental Dynamics, 2018, 247, 239-249.	0.8	21
5	Gadolinium perturbs expression of skeletogenic genes, calcium uptake and larval development in phylogenetically distant sea urchin species. Aquatic Toxicology, 2018, 194, 57-66.	1.9	38
6	Nodal and Hedgehog synergize in gill slit formation during development of the cephalochordate Branchiostoma floridae. Development (Cambridge), 2018, 145, .	1.2	5
7	Nodal and BMP expression during the transition to pentamery in the sea urchin Heliocidaris erythrogramma: insights into patterning the enigmatic echinoderm body plan. BMC Developmental Biology, 2017, 17, 4.	2.1	24
8	Carbonic anhydrase inhibition blocks skeletogenesis and echinochrome production in Paracentrotus lividus and Heliocidaris tuberculata embryos and larvae. Development Growth and Differentiation, 2015, 57, 507-514.	0.6	19
9	Transcriptomic analysis of Nodal- and BMP-associated genes during juvenile development of the sea urchin Heliocidaris erythrogramma. Marine Genomics, 2015, 24, 41-45.	0.4	11
10	Roles of retinoic acid and Tbx1/10 in pharyngeal segmentation: amphioxus and the ancestral chordate condition. EvoDevo, 2014, 5, 36.	1.3	27
11	Tail regression induced by elevated retinoic acid signaling in amphioxus larvae occurs by tissue remodeling, not cell death. Evolution & Development, 2011, 13, 427-435.	1.1	11
12	Retinoic acid signaling targets Hox genes during the amphioxus gastrula stage: Insights into early anteriorâ€“posterior patterning of the chordate body plan. Developmental Biology, 2010, 338, 98-106.	0.9	53
13	The clubâ€shaped gland of amphioxus: export of secretion to the pharynx in preâ€metamorphic larvae and apoptosis during metamorphosis. Acta Zoologica, 2009, 90, 372-379.	0.6	13
14	The basal chordate amphioxus as a simple model for elucidating developmental mechanisms in vertebrates. Birth Defects Research Part C: Embryo Today Reviews, 2008, 84, 175-187.	3.6	34
15	Evolution of larval form in the sea star genus Patiriella: Conservation and change in the larval nervous system. Development Growth and Differentiation, 2001, 43, 459-468.	0.6	20