

Joachim M Surm

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Functional characterization of a “plant-like” HYL1 homolog in the cnidarian <i>Nematostella vectensis</i> indicates a conserved involvement in microRNA biogenesis. <i>ELife</i> , 2022, 11, .	6.0	14
2	Insights into how development and life-history dynamics shape the evolution of venom. <i>EvoDevo</i> , 2021, 12, 1.	3.2	25
3	Transposons Increase Transcriptional Complexity: The Good Parasite?. <i>Trends in Genetics</i> , 2021, 37, 606-607.	6.7	2
4	Toxin-like neuropeptides in the sea anemone <i>Nematostella</i> unravel recruitment from the nervous system to venom. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 27481-27492.	7.1	24
5	Some like it hot: population-specific adaptations in venom production to abiotic stressors in a widely distributed cnidarian. <i>BMC Biology</i> , 2020, 18, 121.	3.8	18
6	The Rapid Regenerative Response of a Model Sea Anemone Species <i>Exaiptasia pallida</i> Is Characterised by Tissue Plasticity and Highly Coordinated Cell Communication. <i>Marine Biotechnology</i> , 2020, 22, 285-307.	2.4	12
7	Structural and functional characterisation of a novel peptide from the Australian sea anemone <i>Actinia tenebrosa</i> . <i>Toxicon</i> , 2019, 168, 104-112.	1.6	11
8	The draft genome of <i>Actinia tenebrosa</i> reveals insights into toxin evolution. <i>Ecology and Evolution</i> , 2019, 9, 11314-11328.	1.9	28
9	A process of convergent amplification and tissue-specific expression dominates the evolution of toxin and toxin-like genes in sea anemones. <i>Molecular Ecology</i> , 2019, 28, 2272-2289.	3.9	48
10	A Versatile and Robust Serine Protease Inhibitor Scaffold from <i>Actinia tenebrosa</i> . <i>Marine Drugs</i> , 2019, 17, 701.	4.6	9
11	Evidence for a Large Expansion and Subfunctionalization of Globin Genes in Sea Anemones. <i>Genome Biology and Evolution</i> , 2018, 10, 1892-1901.	2.5	8
12	Insights into the phylogenetic and molecular evolutionary histories of <i>Fad</i> and <i>Elovl</i> gene families in Actiniaria. <i>Ecology and Evolution</i> , 2018, 8, 5323-5335.	1.9	17
13	Insights into the innate immunome of actinarians using a comparative genomic approach. <i>BMC Genomics</i> , 2016, 17, 850.	2.8	42
14	Comparative Analysis and Distribution of Omega-3 lCPUFA Biosynthesis Genes in Marine Molluscs. <i>PLoS ONE</i> , 2015, 10, e0136301.	2.5	29