

# Danielle Hagstrom

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

14  
papers

295  
citations

9  
h-index

17  
g-index

21  
ext. papers

434  
ext. citations

4.1  
avg, IF

3.41  
L-index

#	Paper	IF	Citations
14	Freshwater Planarians as an Alternative Animal Model for Neurotoxicology. <i>Toxicological Sciences</i> , <b>2015</b> , 147, 270-85	4.4	59
13	Redox-regulated cargo binding and release by the peroxisomal targeting signal receptor, Pex5. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 27220-27231	5.4	57
12	Planarian brain regeneration as a model system for developmental neurotoxicology. <i>Regeneration (Oxford, England)</i> , <b>2016</b> , 3, 65-77		45
11	Comparative Analysis of Zebrafish and Planarian Model Systems for Developmental Neurotoxicity Screens Using an 87-Compound Library. <i>Toxicological Sciences</i> , <b>2019</b> , 167, 15-25	4.4	25
10	Planarian cholinesterase: in vitro characterization of an evolutionarily ancient enzyme to study organophosphorus pesticide toxicity and reactivation. <i>Archives of Toxicology</i> , <b>2017</b> , 91, 2837-2847	5.8	24
9	Multi-Behavioral Endpoint Testing of an 87-Chemical Compound Library in Freshwater Planarians. <i>Toxicological Sciences</i> , <b>2019</b> , 167, 26-44	4.4	20
8	Screening for neurotoxic potential of 15 flame retardants using freshwater planarians. <i>Neurotoxicology and Teratology</i> , <b>2019</b> , 73, 54-66	3.9	18
7	The unique degradation pathway of the PTS2 receptor, Pex7, is dependent on the PTS receptor/coreceptor, Pex5 and Pex20. <i>Molecular Biology of the Cell</i> , <b>2014</b> , 25, 2634-43	3.5	17
6	Planarian cholinesterase: molecular and functional characterization of an evolutionarily ancient enzyme to study organophosphorus pesticide toxicity. <i>Archives of Toxicology</i> , <b>2018</b> , 92, 1161-1176	5.8	13
5	Pharmacological or genetic targeting of Transient Receptor Potential (TRP) channels can disrupt the planarian escape response. <i>PLoS ONE</i> , <b>2019</b> , 14, e0226104	3.7	6
4	<i>Dugesia japonica</i> is the best suited of three planarian species for high-throughput toxicology screening. <i>Chemosphere</i> , <b>2020</b> , 253, 126718	8.4	6
3	A Systematic Review to Compare Chemical Hazard Predictions of the Zebrafish Embryotoxicity Test With Mammalian Prenatal Developmental Toxicity. <i>Toxicological Sciences</i> , <b>2021</b> , 183, 14-35	4.4	3
2	Studying Planarian Regeneration Aboard the International Space Station Within the Student Space Flight Experimental Program. <i>Frontiers in Astronomy and Space Sciences</i> , <b>2018</b> , 5,	3.8	1
1	Biochemically characterizing the subcellular localization of peroxisomal proteins by fractionation, protease protection, and carbonate extraction. <i>Methods in Molecular Biology</i> , <b>2014</b> , 1163, 175-81	1.4	