

# Jacob M Musser

## 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.

13  
papers

555  
citations

10  
h-index

16  
g-index

16  
ext. papers

927  
ext. citations

9.9  
avg, IF

3.88  
L-index

#	Paper	IF	Citations
13	The origin and evolution of cell types. <i>Nature Reviews Genetics</i> , <b>2016</b> , 17, 744-757	30.1	323
12	Evolution of neuronal types and families. <i>Current Opinion in Neurobiology</i> , <b>2019</b> , 56, 144-152	7.6	49
11	Character trees from transcriptome data: Origin and individuation of morphological characters and the so-called "species signal". <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , <b>2015</b> , 324, 588-604	1.8	40
10	Pervasive Correlated Evolution in Gene Expression Shapes Cell and Tissue Type Transcriptomes. <i>Genome Biology and Evolution</i> , <b>2018</b> , 10, 538-552	3.9	30
9	Nuclear Ectenin localization supports homology of feathers, avian scutate scales, and alligator scales in early development. <i>Evolution &amp; Development</i> , <b>2015</b> , 17, 185-94	2.6	24
8	Profiling cellular diversity in sponges informs animal cell type and nervous system evolution		22
7	Mapping single-cell atlases throughout Metazoa unravels cell type evolution. <i>ELife</i> , <b>2021</b> , 10,	8.9	20
6	Profiling cellular diversity in sponges informs animal cell type and nervous system evolution. <i>Science</i> , <b>2021</b> , 374, 717-723	33.3	15
5	Loss and gain of cone types in vertebrate ciliary photoreceptor evolution. <i>Developmental Biology</i> , <b>2017</b> , 431, 26-35	3.1	14
4	Divergence in morphology, calls, song, mechanical sounds, and genetics supports species status for the Inaguan hummingbird (Trochilidae: Calliphlox Evelynae-Lyrura) Las divergencias en morfología, llamados, canto, sonidos mecánicos y genética apoyan el status de especie de Calliphlox Evelynae-Lyrura (Trochilidae) Species status of Calliphlox e. lyrura. <i>Auk</i> , <b>2015</b> , 132, 248-264	2.1	10
3	Mapping single-cell atlases throughout Metazoa unravels cell type evolution		4
2	Single cell RNA sequencing of the larva reveals the blueprint of major cell types and nervous system of a non-chordate deuterostome. <i>ELife</i> , <b>2021</b> , 10,	8.9	3
1	Pervasive correlated evolution in gene expression shapes cell type transcriptomes		1