

# Jacob M Musser

## List of Publications by Year in Descending Order

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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 | 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        |
| 12 | 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         |
| 11 | Mapping single-cell atlases throughout Metazoa unravels cell type evolution. <i>ELife</i> , <b>2021</b> , 10,  | 8.9  | 20        |
| 10 | Evolution of neuronal types and families. <i>Current Opinion in Neurobiology</i> , <b>2019</b> , 56, 144-152   | 7.6  | 49        |
| 9  | 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        |
| 8  | Loss and gain of cone types in vertebrate ciliary photoreceptor evolution. <i>Developmental Biology</i> , <b>2017</b> , 431, 26-35   | 3.1  | 14        |
| 7  | The origin and evolution of cell types. <i>Nature Reviews Genetics</i> , <b>2016</b> , 17, 744-757   | 30.1 | 323       |
| 6  | Nuclear Ectatenin 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        |
| 5  | Divergence in morphology, calls, song, mechanical sounds, and genetics supports species status for the Inaguan hummingbird (Trochilidae: Calliphlox Evelyntae Tyrura) Las divergencias en morfología, llamados, canto, sonidos mecánicos y genética apoyan el status de especie de Calliphlox Evelyntae Tyrura (Trochilidae) en la isla de Inagua, Bahamas. <i>Evolution</i> , <b>2017</b> , 71, 218-234 | 2.1  | 10        |
| 4  | 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        |
| 3  | Pervasive correlated evolution in gene expression shapes cell type transcriptomes  |      | 1         |
| 2  | Mapping single-cell atlases throughout Metazoa unravels cell type evolution  |      | 4         |
| 1  | Profiling cellular diversity in sponges informs animal cell type and nervous system evolution  |      | 22        |