

# Stefan Fischer

## List of Publications by Citations

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**Version:** 2024-04-27

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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.

15  
papers

238  
citations

7  
h-index

15  
g-index

16  
ext. papers

276  
ext. citations

2.7  
avg, IF

3.03  
L-index

#	Paper	IF	Citations
15	Studying nanostructured nipple arrays of moth eye facets helps to design better thin film solar cells. <i>Bioinspiration and Biomimetics</i> , <b>2012</b> , 7, 016003	2.6	75
14	How small can small be: the compound eye of the parasitoid wasp <i>Trichogramma evanescens</i> (Westwood, 1833) (Hymenoptera, Hexapoda), an insect of 0.3- to 0.4-mm total body size. <i>Visual Neuroscience</i> , <b>2011</b> , 28, 295-308	1.7	39
13	Approaching Perfect Light Incoupling in Perovskite and Silicon Thin Film Solar Cells by Moth Eye Surface Textures. <i>Advanced Theory and Simulations</i> , <b>2018</b> , 1, 1800030	3.5	30
12	Comparative morphological analysis of compound eye miniaturization in minute hymenoptera. <i>Arthropod Structure and Development</i> , <b>2015</b> , 44, 21-32	1.8	23
11	Compound Eye Miniaturization in Lepidoptera: a comparative morphological analysis. <i>Acta Zoologica</i> , <b>2014</b> , 95, 438-464	0.8	19
10	Challenging limits: ultrastructure and size-related functional constraints of the compound eye of <i>Stigmella microtheriella</i> (Lepidoptera: Nepticulidae). <i>Journal of Morphology</i> , <b>2012</b> , 273, 1064-78	1.6	16
9	Neither apposition nor superposition: the compound eyes of the Chestnut Leafminer <i>Cameraria ohridella</i> . <i>Zoomorphology</i> , <b>2012</b> , 131, 37-55	1	15
8	Notable plesiomorphies and notable specializations: head structure of the primitive "tongue moth" <i>Acanthopteroctetes unifascia</i> (Lepidoptera: Acanthopteroctetidae). <i>Journal of Morphology</i> , <b>2014</b> , 275, 153-72	1.6	6
7	From two to three dimensions: The importance of the third dimension for evaluating the limits to neuronal miniaturization in insects. <i>Journal of Comparative Neurology</i> , <b>2018</b> , 526, 653-662	3.4	6
6	Three-dimensional ultrastructural organization of the ommatidium of the minute parasitoid wasp <i>Trichogramma evanescens</i> . <i>Arthropod Structure and Development</i> , <b>2019</b> , 48, 35-48	1.8	5
5	Exploration of changes in spatial chondrocyte organisation in human osteoarthritic cartilage by means of 3D imaging. <i>Scientific Reports</i> , <b>2021</b> , 11, 9783	4.9	2
4	Mineral characterization and composition of Fe-rich flocs from wetlands of Iceland: Implications for Fe, C and trace element export. <i>Science of the Total Environment</i> , <b>2021</b> , 816, 151567	10.2	1
3	Ultrastructural evidence for the origin of the subretinal pigment shield in the compound eye of <i>Drosophila melanogaster</i> . <i>Journal of Morphology</i> , <b>2020</b> , 281, 802-807	1.6	
2	Ultrastructural 3D reconstruction of the smallest known insect photoreceptors: The stemmata of a first instar larva of Strepsiptera (Hexapoda). <i>Arthropod Structure and Development</i> , <b>2021</b> , 62, 101055	1.8	
1	Novel type of sub-retinal pigment shield in the miniaturized compound eye of <i>Trichogramma evanescens</i> . <i>Journal of Comparative Neurology</i> , <b>2020</b> , 528, 167-174	3.4	