

# Stefan Fischer

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1499170/publications.pdf>

Version: 2024-02-01

16  
papers

317  
citations

1039880

9  
h-index

1199470

12  
g-index

16  
all docs

16  
docs citations

16  
times ranked

351  
citing authors

#	ARTICLE	IF	CITATIONS
1	Studying nanostructured nipple arrays of moth eye facets helps to design better thin film solar cells. <i>Bioinspiration and Biomimetics</i> , 2012, 7, 016003.	1.5	91
2	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> , 2011, 28, 295-308.	0.5	47
3	Approaching Perfect Light Incoupling in Perovskite and Silicon Thin Film Solar Cells by Moth Eye Surface Textures. <i>Advanced Theory and Simulations</i> , 2018, 1, 1800030.	1.3	38
4	Comparative morphological analysis of compound eye miniaturization in minute hymenoptera. <i>Arthropod Structure and Development</i> , 2015, 44, 21-32.	0.8	31
5	Compound eye miniaturization in Lepidoptera: a comparative morphological analysis. <i>Acta Zoologica</i> , 2014, 95, 438-464.	0.6	25
6	Challenging limits: Ultrastructure and size-related functional constraints of the compound eye of <i>Stigmella microtheriella</i> (Lepidoptera: Nepticulidae). <i>Journal of Morphology</i> , 2012, 273, 1064-1078.	0.6	19
7	Neither apposition nor superposition: the compound eyes of the Chestnut Leafminer <i>Cameraria ohridella</i> . <i>Zoomorphology</i> , 2012, 131, 37-55.	0.4	16
8	Three-dimensional ultrastructural organization of the ommatidium of the minute parasitoid wasp <i>Trichogramma evanescens</i> . <i>Arthropod Structure and Development</i> , 2019, 48, 35-48.	0.8	12
9	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> , 2018, 526, 653-662.	0.9	11
10	Notable plesiomorphies and notable specializations: Head structure of the primitive <i>Acanthopteroctetes unifascia</i> (Lepidoptera: Acanthopteroctetidae). <i>Journal of Morphology</i> , 2014, 275, 153-172.	0.6	9
11	Mineral characterization and composition of Fe-rich floccs from wetlands of Iceland: Implications for Fe, C and trace element export. <i>Science of the Total Environment</i> , 2022, 816, 151567.	3.9	8
12	Ovipositor of the braconid wasp <i>Habrobracon hebetor</i> : structural and functional aspects. <i>Journal of Hymenoptera Research</i> , 0, 83, 73-99.	0.8	6
13	Exploration of changes in spatial chondrocyte organisation in human osteoarthritic cartilage by means of 3D imaging. <i>Scientific Reports</i> , 2021, 11, 9783.	1.6	3
14	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> , 2021, 62, 101055.	0.8	1
15	Novel type of subretinal pigment shield in the miniaturized compound eye of <i>Trichogramma evanescens</i> . <i>Journal of Comparative Neurology</i> , 2020, 528, 167-174.	0.9	0
16	Ultrastructural evidence for the origin of the subretinal pigment shield in the compound eye of <i>Drosophila melanogaster</i> . <i>Journal of Morphology</i> , 2020, 281, 802-807.	0.6	0