

Zhihai Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1374795/publications.pdf>

Version: 2024-02-01

12
papers

349
citations

840776

11
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

441
citing authors

#	ARTICLE	IF	CITATIONS
1	Parallel Domestication of the <i>Heading Date 1</i> Gene in Cereals. <i>Molecular Biology and Evolution</i> , 2015, 32, 2726-2737.	8.9	54
2	Broadband Achromatic Sub-Diffraction Focusing by an Amplitude-Modulated Terahertz Metalens. <i>Advanced Optical Materials</i> , 2020, 8, 2000842.	7.3	43
3	A Large Transposon Insertion in the <i>stiff1</i> Promoter Increases Stalk Strength in Maize. <i>Plant Cell</i> , 2020, 32, 152-165.	6.6	40
4	Super-oscillatory focusing of circularly polarized light by ultra-long focal length planar lens based on binary amplitude-phase modulation. <i>Scientific Reports</i> , 2016, 6, 29068.	3.3	39
5	A new allele of the <i>Brachytic2</i> gene in maize can efficiently modify plant architecture. <i>Heredity</i> , 2018, 121, 75-86.	2.6	37
6	High-Numerical-Aperture Dielectric Metalens for Super-Resolution Focusing of Oblique Incident Light. <i>Advanced Optical Materials</i> , 2020, 8, 1901885.	7.3	26
7	Planar binary-phase lens for super-oscillatory optical hollow needles. <i>Scientific Reports</i> , 2017, 7, 4697.	3.3	23
8	Broadband Dielectric Metalens for Polarization Manipulating and Superoscillation Focusing of Visible Light. <i>ACS Photonics</i> , 2020, 7, 180-189.	6.6	23
9	Holographic Super-Resolution Metalens for Achromatic Sub-Wavelength Focusing. <i>ACS Photonics</i> , 2021, 8, 2294-2303.	6.6	22
10	The Fabrication of Large-Area, Uniform Graphene Nanomeshes for High-Speed, Room-Temperature Direct Terahertz Detection. <i>Nanoscale Research Letters</i> , 2018, 13, 190.	5.7	19
11	Copper-Catalyzed Aldol Reaction of Vinyl Azides with Trifluoromethyl Ketones. <i>Organic Letters</i> , 2019, 21, 7324-7328.	4.6	17
12	Bimetal-Catalyzed Cascade Reaction for Efficient Synthesis of <i>N</i> -Isopropenyl 1,2,3-Triazoles via <i>In-Situ</i> Generated <i>2</i> -Azidopropenes. <i>Chemistry - an Asian Journal</i> , 2019, 14, 2149-2154.	3.3	6