

Changhao Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10245920/publications.pdf>

Version: 2024-02-01

12
papers

372
citations

1162889

8
h-index

1199470

12
g-index

12
all docs

12
docs citations

12
times ranked

256
citing authors

#	ARTICLE	IF	CITATIONS
1	Spontaneous dewetting transitions of droplets during icing & melting cycle. Nature Communications, 2022, 13, 378.	5.8	113
2	Micro-“Nano-Nanowire Triple Structure-Held PDMS Superhydrophobic Surfaces for Robust Ultra-Long-Term Icephobic Performance. ACS Applied Materials & Interfaces, 2022, 14, 23973-23982.	4.0	39
3	Anisotropic Hemiwicking Behavior on Laser Structured Prismatic Microgrooves. Langmuir, 2022, 38, 6665-6675.	1.6	8
4	Pulsed laser-assisted synthesis of defect-rich NiFe-based oxides for efficient oxygen evolution reaction. Journal of Laser Applications, 2020, 32, 022032.	0.8	7
5	Ultrafast laser hybrid fabrication of hierarchical 3D structures of nanorods on microcones for superhydrophobic surfaces with excellent Cassie state stability and mechanical durability. Journal of Laser Applications, 2020, 32, .	0.8	14
6	Oil-triggered switchable wettability on patterned alternating air/lubricant-infused superamphiphobic surfaces. Journal of Materials Chemistry A, 2020, 8, 6647-6660.	5.2	19
7	Three-Dimensional and In Situ-Activated Spinel Oxide Nanoporous Clusters Derived from Stainless Steel for Efficient and Durable Water Oxidation. ACS Applied Materials & Interfaces, 2020, 12, 13971-13981.	4.0	21
8	Ultrafast laser micro-nano structured superhydrophobic teflon surfaces for enhanced SERS detection via evaporation concentration. Advanced Optical Technologies, 2020, 9, 89-100.	0.9	4
9	Extremely high Cassie-“Baxter state stability of superhydrophobic surfaces <i>via</i> precisely tunable dual-scale and triple-scale micro-“nano structures. Journal of Materials Chemistry A, 2019, 7, 18050-18062.	5.2	86
10	Laser-Assisted Doping and Architecture Engineering of Fe ₃ O ₄ Nanoparticles for Highly Enhanced Oxygen Evolution Reaction. ChemSusChem, 2019, 12, 3562-3570.	3.6	19
11	Flexible control over optical reflection property of metallic surfaces via pulse laser. Journal of Laser Applications, 2019, 31, 022502.	0.8	3
12	Wettability transition modes of aluminum surfaces with various micro/nanostructures produced by a femtosecond laser. Journal of Laser Applications, 2019, 31, .	0.8	39