

# Wenwen Liu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6464209/publications.pdf>

Version: 2024-02-01

13  
papers

360  
citations

1478505

6  
h-index

1281871

11  
g-index

13  
all docs

13  
docs citations

13  
times ranked

406  
citing authors

#	ARTICLE	IF	CITATIONS
1	Friction and wear characteristics modification via laser surface textured grooves. Surface Engineering, 2021, 37, 658-668.	2.2	6
2	One-step selective laser-induced plasma-assisted ablation-based deposition of pseudocapacitance on ITO conductive glass surface. Ionics, 2021, 27, 1689-1698.	2.4	2
3	Effect of laser shock processing on water adsorption of electron-beam deposited multilayer coatings. Optical Materials, 2021, 117, 111143.	3.6	0
4	A novel laser shock post-processing technique on the laser-induced damage resistance of 11% HfO <sub>2</sub> /SiO <sub>2</sub> multilayer coatings. High Power Laser Science and Engineering, 2021, 9, .	4.6	10
5	Surface wettability induced variation of underwater acoustic transmission coefficient of the membrane resonators. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2020, 258, 114572.	3.5	1
6	Hypergyrating Droplets Generated on a Selective Laser-Textured Heterogeneous Wettability Surface. Langmuir, 2020, 36, 8123-8128.	3.5	5
7	Picosecond Laser-Induced Hierarchical Periodic Near- and Deep-Subwavelength Ripples on Stainless-Steel Surfaces. Nanomaterials, 2020, 10, 62.	4.1	6
8	Quadri-directionally anisotropic droplets sliding surfaces fabricated by selective laser texturing of aluminum alloy plates. Applied Surface Science, 2020, 509, 145406.	6.1	17
9	Picosecond Laser-Textured Stainless Steel Superhydrophobic Surface with an Antibacterial Adhesion Property. Langmuir, 2019, 35, 11414-11421.	3.5	82
10	Laser Sintering of TiO <sub>2</sub> Films for Flexible Dye-Sensitized Solar Cells. Applied Sciences (Switzerland), 2019, 9, 823.	2.5	11
11	Ultraviolet Laser Patterning of Fluorine-Doped Tin Oxide with Different Radiation Directions. Journal of Russian Laser Research, 2019, 40, 581-589.	0.6	1
12	Anti-biofouling superhydrophobic surface fabricated by picosecond laser texturing of stainless steel. Applied Surface Science, 2018, 436, 263-267.	6.1	151
13	Nanosecond laser ablated copper superhydrophobic surface with tunable ultrahigh adhesion and its renewability with low temperature annealing. Applied Surface Science, 2018, 434, 120-125.	6.1	68