

# Qiuling Wen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3424242/publications.pdf>

Version: 2024-02-01

8  
papers

118  
citations

1478505

6  
h-index

1588992

8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

70  
citing authors

#	ARTICLE	IF	CITATIONS
1	Study on mechanism of crack propagation of sapphire single crystals of four different orientations under impact load and static load. <i>Ceramics International</i> , 2019, 45, 7359-7375.	4.8	34
2	Crystalline orientation effects on material removal of sapphire by femtosecond laser irradiation. <i>Ceramics International</i> , 2019, 45, 23501-23508.	4.8	21
3	Focused Ion Beam Milling of Single-Crystal Sapphire with A-, C-, and M-Orientations. <i>Materials</i> , 2020, 13, 2871.	2.9	16
4	Broad-Band-Enhanced Plasmonic Perovskite Solar Cells with Irregular Silver Nanomaterials. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 16269-16278.	8.0	16
5	Review on laser-induced etching processing technology for transparent hard and brittle materials. <i>International Journal of Advanced Manufacturing Technology</i> , 2021, 117, 2545-2564.	3.0	14
6	Fracture Behavior of Single-Crystal Sapphire in Different Crystal Orientations. <i>Crystals</i> , 2021, 11, 930.	2.2	10
7	Crystal orientation-dependent scribing of A-, C-, and M-plane sapphires by an ultraviolet laser. <i>Ceramics International</i> , 2022, 48, 18842-18854.	4.8	6
8	Enhanced Microsphere-Assisted Picosecond Laser Processing for Nanohole Fabrication on Silicon via Thin Gold Coating. <i>Micromachines</i> , 2021, 12, 611.	2.9	1