

Yuting Zheng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3509490/publications.pdf>

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7
papers

97
citations

1478505
6
h-index

1720034
7
g-index

7
all docs

7
docs citations

7
times ranked

76
citing authors

#	ARTICLE	IF	CITATIONS
1	Subsurface cleavage of diamond after high-speed three-dimensional dynamic friction polishing. <i>Diamond and Related Materials</i> , 2020, 101, 107600.	3.9	32
2	Effect of grain boundary on polycrystalline diamond polishing by high-speed dynamic friction. <i>Diamond and Related Materials</i> , 2021, 117, 108461.	3.9	16
3	Smoothing of single crystal diamond by high-speed three-dimensional dynamic friction polishing: Optimization and surface bonds evolution mechanism. <i>International Journal of Refractory Metals and Hard Materials</i> , 2021, 96, 105472.	3.8	15
4	Surface etching evolution of mechanically polished single crystal diamond with subsurface cleavage in microwave hydrogen plasma: Topography, state and electrical properties. <i>Vacuum</i> , 2022, 199, 110932.	3.5	12
5	Chemical vapor deposited diamond with versatile grades: from gemstone to quantum electronics. <i>Frontiers of Materials Science</i> , 2022, 16, 1.	2.2	9
6	Surface conductivity enhancement of H-terminated diamond based on the purified epitaxial diamond layer. <i>Journal of Materials Science</i> , 2018, 53, 13030-13041.	3.7	7
7	Doomed Couple of Diamond with Terahertz Frequency: Hyperfine Quality Discrimination and Complex Dielectric Responses of Diamond in the Terahertz Waveband. <i>ACS Applied Electronic Materials</i> , 2020, 2, 1459-1469.	4.3	6