

# Yuting Zheng

## List of Publications by Year in descending order

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

Version: 2024-02-01

7  
papers

97  
citations

1478505  
6  
h-index

1720034  
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7  
all docs

7  
docs citations

7  
times ranked

76  
citing authors

| # | ARTICLE  | IF  | CITATIONS |
|---|--|-----|-----------|
| 1 | 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        |
| 2 | Chemical vapor deposited diamond with versatile grades: from gemstone to quantum electronics. <i>Frontiers of Materials Science</i> , 2022, 16, 1.   | 2.2 | 9         |
| 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 | 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        |
| 5 | Subsurface cleavage of diamond after high-speed three-dimensional dynamic friction polishing. <i>Diamond and Related Materials</i> , 2020, 101, 107600.  | 3.9 | 32        |
| 6 | 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         |
| 7 | 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         |