

# Xianshi Jia

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10249202/publications.pdf>

Version: 2024-02-01

13  
papers

216  
citations

1163117

8  
h-index

1199594

12  
g-index

13  
all docs

13  
docs citations

13  
times ranked

46  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Advances in Laser Drilling of Structural Ceramics. <i>Nanomaterials</i> , 2022, 12, 230.   | 4.1 | 48        |
| 2  | Combined pulse laser: Reliable tool for high-quality, high-efficiency material processing. <i>Optics and Laser Technology</i> , 2022, 153, 108209.                                     | 4.6 | 47        |
| 3  | Experimental study on nanosecond-millisecond combined pulse laser drilling of alumina ceramic with different spot sizes. <i>Optics and Laser Technology</i> , 2020, 130, 106351.       | 4.6 | 25        |
| 4  | Combined pulsed laser drilling of metal by continuous wave laser and nanosecond pulse train. <i>International Journal of Advanced Manufacturing Technology</i> , 2019, 104, 1269-1274. | 3.0 | 16        |
| 5  | Experimental study on the optimum matching of CW-nanosecond combined pulse laser drilling. <i>Applied Optics</i> , 2019, 58, 9105.   | 1.8 | 16        |
| 6  | Nanosecond-millisecond combined pulse laser drilling of alumina ceramic. <i>Optics Letters</i> , 2020, 45, 1691.   | 3.3 | 16        |
| 7  | Laser processing of alumina ceramic by spatially and temporally superposing the millisecond pulse and nanosecond pulse train. <i>Optics Express</i> , 2020, 28, 676.                   | 3.4 | 14        |
| 8  | Laser cleaning of slots of chrome-plated die. <i>Optics and Laser Technology</i> , 2019, 119, 105659.  | 4.6 | 12        |
| 9  | Characterization of micro-holes drilled in alumina ceramic by the combined pulse laser technique. <i>Applied Optics</i> , 2020, 59, 6161.  | 1.8 | 7         |
| 10 | Reflow soldering method with gradient energy band generated by optical system. <i>Optics Express</i> , 2018, 26, 29203.  | 3.4 | 6         |
| 11 | High-speed drilling of alumina ceramic by sub-microsecond pulsed thin disk laser. <i>Optics Express</i> , 2020, 28, 33044.   | 3.4 | 6         |
| 12 | Laser processing of alumina ceramic by a spatially superposing millisecond laser and a nanosecond laser with different beam shapes. <i>Applied Optics</i> , 2020, 59, 7195.            | 1.8 | 3         |
| 13 | The Research of Nanosecond Laser Pre-processed for Alumina Ceramic Drilling. , 2019, , .   |     | 0         |