

# Fan Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9548452/publications.pdf>

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8  
papers

167  
citations

1684188

5  
h-index

1588992

8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

128  
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical and experimental investigation of thermal stress distribution in laser lap welding of Ti6Al4V and 2024 alloy plates. <i>International Journal of Advanced Manufacturing Technology</i> , 2022, 118, 1427-1440.	3.0	6
2	Coupling efficiency of a laser diode to a single-mode fiber via a microlens on the fiber tip. <i>Optical Fiber Technology</i> , 2022, 68, 102766.	2.7	6
3	Non-diffraction-length Bessel-beam femtosecond laser drilling of high-aspect-ratio microholes in PMMA. <i>Optik</i> , 2021, 229, 166295.	2.9	12
4	Effects of AlSi12 interlayer on microstructure and mechanical properties of laser welded 5A06/Ti6Al4V joints. <i>Welding in the World, Le Soudage Dans Le Monde</i> , 2021, 65, 1389-1402.	2.5	7
5	Solar-driven thermal-wind synergistic effect on laser-textured superhydrophilic copper foam architectures for ultrahigh efficient vapor generation. <i>Applied Physics Letters</i> , 2021, 118, .	3.3	123
6	Gold filled in Fresnel zone plate fabricated by femtosecond laser on fiber tip. <i>Optical Fiber Technology</i> , 2021, 64, 102572.	2.7	6
7	An efficient two-step multi-organ registration on abdominal CT via deep-learning based segmentation. <i>Biomedical Signal Processing and Control</i> , 2021, 70, 103027.	5.7	5
8	Target organ non-rigid registration on abdominal CT images via deep-learning based detection. <i>Biomedical Signal Processing and Control</i> , 2021, 70, 102976.	5.7	2