

# Kaiyuan You

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2754634/publications.pdf>

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12  
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126  
citing authors

#	ARTICLE	IF	CITATIONS
1	High effective laser assisted diamond turning of binderless tungsten carbide. Journal of Materials Processing Technology, 2022, 302, 117505.	6.3	27
2	Investigation of surface integrity on laser pre-heat assisted diamond turning of binderless tungsten carbide. Procedia CIRP, 2022, 108, 566-570.	1.9	4
3	Surface generation of tungsten carbide in laser-assisted diamond turning. International Journal of Machine Tools and Manufacture, 2021, 168, 103770.	13.4	56
4	Three-Linear-Axis Grinding of Small Aperture Aspheric Surfaces. International Journal of Precision Engineering and Manufacturing - Green Technology, 2020, 7, 997-1008.	4.9	11
5	Advances in laser assisted machining of hard and brittle materials. Journal of Manufacturing Processes, 2020, 58, 677-692.	5.9	107
6	Pre-Compensation of Mold in Precision Glass Molding Based on Mathematical Analysis. Micromachines, 2020, 11, 1069.	2.9	5
7	Experimental Investigation on Laser Assisted Diamond Turning of Binderless Tungsten Carbide by In-Process Heating. Micromachines, 2020, 11, 1104.	2.9	26
8	Study on $\hat{\pm}$ -Al <sub>2</sub> O <sub>3</sub> anti-adhesion coating for molds in precision glass molding. Surface and Coatings Technology, 2020, 391, 125720.	4.8	19
9	Tool path generation of turning optical freeform surfaces using arbitrary rake angle tools. Optics Express, 2020, 28, 38252.	3.4	10
10	Off-spindle-axis spiral grinding of aspheric microlens array mold inserts. Optics Express, 2019, 27, 10873.	3.4	20
11	Ultraprecision grinding of small-aperture concave aspheric mould insert with tilt axis method. Procedia CIRP, 2018, 71, 505-510.	1.9	4
12	Recent Progress in Surface Integrity Research and Development. Engineering, 2018, 4, 754-758.	6.7	10