

# Yong Zeng

## List of Publications by Year in descending order

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17  
papers

596  
citations

759233

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940533

16  
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all docs

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docs citations

17  
times ranked

539  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of heat treatment on properties of Al-Mg-Sc-Zr alloy printed by selective laser melting. Applied Surface Science, 2022, 574, 151471.	6.1	10
2	3D printing of porous scaffolds BaTiO <sub>3</sub> piezoelectric ceramics and regulation of their mechanical and electrical properties. Ceramics International, 2022, 48, 6477-6487.	4.8	21
3	Preparation of porous SnO <sub>2</sub> -based ceramics with lattice structure by DLP. Ceramics International, 2022, 48, 14568-14577.	4.8	11
4	Fabrication of alumina ceramics with functional gradient structures by digital light processing 3D printing technology. Ceramics International, 2022, 48, 10613-10619.	4.8	20
5	Investigation on 3D printing ZrO <sub>2</sub> implant abutment and its fatigue performance simulation. Ceramics International, 2021, 47, 1053-1062.	4.8	33
6	3D printing of TPMS structural ZnO ceramics with good mechanical properties. Ceramics International, 2021, 47, 12897-12905.	4.8	34
7	Fabrication of hollow lattice alumina ceramic with good mechanical properties by Digital Light Processing 3D printing technology. Ceramics International, 2021, 47, 26519-26527.	4.8	33
8	Fabrication of fine and complex lattice structure Al <sub>2</sub> O <sub>3</sub> ceramic by digital light processing 3D printing technology. Journal of Materials Science, 2020, 55, 6771-6782.	3.7	73
9	Fine lattice structural titanium dioxide ceramic produced by DLP 3D printing. Ceramics International, 2019, 45, 23007-23012.	4.8	89
10	Over 1000-Fold Enhancement of the Unidirectional Photoluminescence from a Microsphere-Cavity-Array-Capped QD/PDMS Composite Film for Flexible Lighting and Displays. Advanced Optical Materials, 2019, 7, 1901228.	7.3	14
11	Photoluminescence Enhancement: Over 1000-Fold Enhancement of the Unidirectional Photoluminescence from a Microsphere-Cavity-Array-Capped QD/PDMS Composite Film for Flexible Lighting and Displays (Advanced Optical Materials 24/2019). Advanced Optical Materials, 2019, 7, 1970094.	7.3	0
12	3D printing of hydroxyapatite scaffolds with good mechanical and biocompatible properties by digital light processing. Journal of Materials Science, 2018, 53, 6291-6301.	3.7	142
13	A novel ultra-thin-walled ZnO microtube cavity supporting multiple optical modes for bluish-violet photoluminescence, low-threshold ultraviolet lasing and microfluidic photodegradation. NPC Asia Materials, 2017, 9, e442-e442.	7.9	33
14	Free-Standing Undoped ZnO Microtubes with Rich and Stable Shallow Acceptors. Scientific Reports, 2016, 6, 27341.	3.3	29
15	Synthesis and properties of Ag/ZnO core/shell nanostructures prepared by excimer laser ablation in liquid. APL Materials, 2015, 3, .	5.1	37
16	Effects of annealing and laser irradiation on optical and electrical properties of ZnO thin films. Journal of Laser Applications, 2014, 26, .	1.7	12
17	ZnO thin films prepared on titanium substrate by PLD technique at different substrate temperatures. Surface and Interface Analysis, 2014, 46, 602-606.	1.8	5