

# Haoyang Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6823304/publications.pdf>

Version: 2024-02-01

12  
papers

201  
citations

1307594

7  
h-index

1474206

9  
g-index

12  
all docs

12  
docs citations

12  
times ranked

184  
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of the three-dimensional trajectory of an object based on a curved bionic compound eye. Optics Letters, 2019, 44, 4143.	3.3	39
2	Precision replication of micro features using micro injection moulding: Process simulation and validation. Materials and Design, 2019, 177, 107829.	7.0	33
3	Bionic compound eye for 3D motion detection using an optical freeform surface. Journal of the Optical Society of America B: Optical Physics, 2017, 34, B28.	2.1	28
4	Precision replication of microlens arrays using variotherm-assisted microinjection moulding. Precision Engineering, 2021, 67, 248-261.	3.4	23
5	Filling of high aspect ratio micro features of a microfluidic flow cytometer chip using micro injection moulding. Journal of Micromechanics and Microengineering, 2018, 28, 075005.	2.6	21
6	Replication integrity of micro features using variotherm and vacuum assisted microinjection moulding. CIRP Journal of Manufacturing Science and Technology, 2018, 23, 20-38.	4.5	20
7	An imaging system with a large depth of field based on an overlapped micro-lens array. CIRP Annals - Manufacturing Technology, 2016, 65, 471-474.	3.6	16
8	Investigation on a novel in-mould microcompression system for the precision replication of microlens arrays. Journal of Manufacturing Processes, 2021, 67, 388-405.	5.9	7
9	Prototyping and Production of Polymeric Microfluidic Chip. , 0, , .		7
10	Geometric Replication Integrity of Micro Features Fabricated Using Variotherm Assisted Micro Injection Moulding. Procedia CIRP, 2018, 71, 390-395.	1.9	5
11	Polymer Micro Injection Molding. , 2021, , .		2
12	A biologically-inspired embedded monitoring network system for moving target detection in panoramic view. Eurasip Journal on Wireless Communications and Networking, 2013, 2013, .	2.4	0