

Haoyang Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

201
citations

1307594

7
h-index

1474206

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12
all docs

12
docs citations

12
times ranked

184
citing authors

#	ARTICLE	IF	CITATIONS
1	Precision replication of microlens arrays using variotherm-assisted microinjection moulding. Precision Engineering, 2021, 67, 248-261.	3.4	23
2	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
3	Polymer Micro Injection Molding. , 2021, , .		2
4	Precision replication of micro features using micro injection moulding: Process simulation and validation. Materials and Design, 2019, 177, 107829.	7.0	33
5	Detection of the three-dimensional trajectory of an object based on a curved bionic compound eye. Optics Letters, 2019, 44, 4143.	3.3	39
6	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
7	Geometric Replication Integrity of Micro Features Fabricated Using Variotherm Assisted Micro Injection Moulding. Procedia CIRP, 2018, 71, 390-395.	1.9	5
8	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
9	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
10	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
11	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
12	Prototyping and Production of Polymeric Microfluidic Chip. , 0, , .		7