

Gao Bo Xiao

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

222
citations

1478505

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all docs

9
docs citations

9
times ranked

235
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular dynamics modelling of brittle→ductile cutting mode transition: Case study on silicon carbide. International Journal of Machine Tools and Manufacture, 2015, 88, 214-222.	13.4	102
2	Rotary spatial vibration-assisted diamond cutting of brittle materials. Precision Engineering, 2016, 44, 211-219.	3.4	45
3	A Study of Mechanics in Brittle→Ductile Cutting Mode Transition. Micromachines, 2018, 9, 49.	2.9	27
4	Fast Defect Inspection Based on Data-Driven Photometric Stereo. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 1148-1156.	4.7	22
5	Fast Object Detection in Light Field Imaging by Integrating Deep Learning with Defocusing. Applied Sciences (Switzerland), 2017, 7, 1309.	2.5	11
6	Micro-cutting of silicon implanted with hydrogen and post-implantation thermal treatment. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	2.3	9
7	Gaussian Process Based Bayesian Inference System for Intelligent Surface Measurement. Sensors, 2018, 18, 4069.	3.8	5
8	Bayesian inference based high framerate stereo matching and its application in robot manipulation. , 2019, , .		1
9	Cutting properties of deposited amorphous silicon in ultra-precision machining. Journal of Micromechanics and Microengineering, 2018, 28, 095013.	2.6	0