

Gao Bo Xiao

List of Publications by Year in descending order

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9
papers

222
citations

1478505

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1720034

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9
docs citations

9
times ranked

235
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|--|------|-----------|
| 1 | Bayesian inference based high framerate stereo matching and its application in robot manipulation. , 2019, , . | | 1 |
| 2 | Fast Defect Inspection Based on Data-Driven Photometric Stereo. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 1148-1156. | 4.7 | 22 |
| 3 | Gaussian Process Based Bayesian Inference System for Intelligent Surface Measurement. Sensors, 2018, 18, 4069. | 3.8 | 5 |
| 4 | Cutting properties of deposited amorphous silicon in ultra-precision machining. Journal of Micromechanics and Microengineering, 2018, 28, 095013. | 2.6 | 0 |
| 5 | A Study of Mechanics in Brittle“Ductile Cutting Mode Transition. Micromachines, 2018, 9, 49. | 2.9 | 27 |
| 6 | Fast Object Detection in Light Field Imaging by Integrating Deep Learning with Defocusing. Applied Sciences (Switzerland), 2017, 7, 1309. | 2.5 | 11 |
| 7 | 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 |
| 8 | Rotary spatial vibration-assisted diamond cutting of brittle materials. Precision Engineering, 2016, 44, 211-219. | 3.4 | 45 |
| 9 | 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 |