

Zhihua Wang

List of Publications by Year in descending order

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9
papers

293
citations

1683934

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h-index

2053595

5
g-index

9
all docs

9
docs citations

9
times ranked

228
citing authors

#	ARTICLE	IF	CITATIONS
1	Acoustic softening and residual hardening in aluminum: Modeling and experiments. International Journal of Plasticity, 2012, 39, 75-87.	4.1	211
2	Dynamics Compensation and Rapid Resonance Identification in Ultrasonic-Vibration-Assisted Microforming System Using Magnetostrictive Actuator. IEEE/ASME Transactions on Mechatronics, 2011, 16, 489-497.	3.7	21
3	Design and characterization of a flextensional stage based on Terfenol-D actuator. International Journal of Precision Engineering and Manufacturing, 2014, 15, 135-141.	1.1	17
4	Mechanical-plowing-based high-speed patterning on hard material via advanced-control and ultrasonic probe vibration. Review of Scientific Instruments, 2013, 84, 113704.	0.6	16
5	Control of a Magnetostrictive-Actuator-Based Micromachining System for Optimal High-Speed Microforming Process. IEEE/ASME Transactions on Mechatronics, 2015, 20, 1046-1055.	3.7	16
6	A modeling-free differential-inversion-based iterative control approach to simultaneous hysteresis-dynamics compensation: High-speed large-range motion tracking example. , 2015, , .		12
7	Iterative-Control-Based High-Speed Direct Mask Fabrication via Ultrasonic-Vibration-Assisted Mechanical Plowing. , 2013, , .		0
8	Control-based high-speed direct mask fabrication for lithography via mechanical plowing. , 2013, , .		0
9	Control of a Dual-Stage Magnetostrictive Actuator-Based Micromachining System for Optimal High-Speed Microforming Process. , 2014, , .		0