

Kainan Wang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A Note on the Electromechanical Design of a Robotic Hummingbird. <i>Actuators</i> , 2021, 10, 52.	2.3	11
2	Adaptive Shell Spherical Reflector Actuated with PVDF-TrFE Thin Film Strain Actuators. <i>Actuators</i> , 2021, 10, 7.	2.3	13
3	Electrostrictive PVDF-TrFE Thin Film Actuators for the Control of Adaptive Thin Shell Reflectors. <i>Actuators</i> , 2020, 9, 53.	2.3	11
4	Damping of piezoelectric space instruments: application to an active optics deformable mirror. <i>CEAS Space Journal</i> , 2019, 11, 543-551.	2.3	3
5	Thermal Balance and Active Damping of a Piezoelectric Deformable Mirror for Adaptive Optics. <i>Actuators</i> , 2019, 8, 75.	2.3	5
6	Field stabilization control of the European Extremely Large Telescope under wind disturbance. <i>Applied Optics</i> , 2019, 58, 1174.	1.8	2
7	Unimorph mirror for adaptive optics in space telescopes. <i>Applied Optics</i> , 2018, 57, 3629.	1.8	30
8	A mathematical model for coupled vibration system of road vehicle and coupling effect analysis. <i>Applied Mathematical Modelling</i> , 2016, 40, 1199-1217.	4.2	25
9	Inter-asperity cavitation for misalignment journal lubrication problem based on mass-conservative algorithm. <i>Journal of Zhejiang University: Science A</i> , 2013, 14, 642-656.	2.4	6