

Ying-Jun Quan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1127086/publications.pdf>

Version: 2024-02-01

10
papers

215
citations

1307594

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1588992

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10
all docs

10
docs citations

10
times ranked

235
citing authors

#	ARTICLE	IF	CITATIONS
1	Stretchable Biaxial and Shear Strain Sensors Using Diffractive Structural Colors. ACS Nano, 2020, 14, 5392-5399.	14.6	68
2	A smart soft actuator using a single shape memory alloy for twisting actuation. Smart Materials and Structures, 2015, 24, 125033.	3.5	51
3	Comparison of mold designs for SMA-based twisting soft actuator. Sensors and Actuators A: Physical, 2016, 237, 96-106.	4.1	26
4	Stretchable chipless RFID multi-strain sensors using direct printing of aerosolised nanocomposite. Sensors and Actuators A: Physical, 2020, 313, 112224.	4.1	26
5	Colour-tunable 50% strain sensor using surface-nanopatterning of soft materials via nanoimprinting with focused ion beam milling process. CIRP Annals - Manufacturing Technology, 2019, 68, 595-598.	3.6	18
6	Lithography-free and Highly Angle Sensitive Structural Coloration Using Fabry-Pérot Resonance of Tin. International Journal of Precision Engineering and Manufacturing - Green Technology, 2021, 8, 997-1006.	4.9	14
7	Surface Nanopatterned Shape Memory Alloy (SMA)-Based Photosensitive Artificial Muscle. Advanced Optical Materials, 2022, 10, .	7.3	9
8	Interoperable Nanoparticle Sensor Capable of Strain and Vibration Measurement for Rotor Blade Monitoring. Sensors, 2021, 21, 3648.	3.8	2
9	Crackless glass through-structure fabrication with laser-induced backside wet etching using detachably bonded cover. CIRP Annals - Manufacturing Technology, 2022, , .	3.6	1
10	A Camera-Based Structural Color Sensor Using Image Processing Algorithm with RGB to Hue Transformation. Advanced Materials Technologies, 0, , 2101671.	5.8	0