

# 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

7  
h-index

1588992

8  
g-index

10  
all docs

10  
docs citations

10  
times ranked

235  
citing authors

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