

# Yao Xiao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2488050/publications.pdf>

Version: 2024-02-01

10  
papers

156  
citations

1307594

7  
h-index

1588992

8  
g-index

10  
all docs

10  
docs citations

10  
times ranked

185  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Method Executing Optical Real-Valued Matrix Multiplication. , 2022, , .		0
2	Screen-printed flexible negative temperature coefficient temperature sensor based on polyvinyl chloride/carbon black composites. Smart Materials and Structures, 2021, 30, 025035.	3.5	32
3	Monitoring of the transmission line galloping with a novel distributed optical fibre sensor and its statistical data analysis. IET Generation, Transmission and Distribution, 2020, 14, 166-171.	2.5	9
4	Realization of flexible pressure sensor based on conductive polymer composite via using electrical impedance tomography. Smart Materials and Structures, 2020, 29, 055004.	3.5	10
5	Highly sensitive printed crack-enhanced strain sensor as dual-directional bending detector. Smart Materials and Structures, 2020, 29, 045023.	3.5	24
6	A 100-Mhz Bandwidth 80-dB Dynamic Range Continuous-Time Delta-Sigma Modulator with a 2.4-Ghz Clock Rate. Nanoscale Research Letters, 2020, 15, 58.	5.7	2
7	Flexible fully printed temperature sensor based on PVC/CB composite. , 2020, , .		0
8	Ultrawide Sensing Range and Highly Sensitive Flexible Pressure Sensor Based on a Percolative Thin Film with a Knoll-like Microstructured Surface. ACS Applied Materials & Interfaces, 2019, 11, 20500-20508.	8.0	45
9	Highly sensitive and stable printed pressure sensor with microstructured grid arrays. Smart Materials and Structures, 2019, 28, 105027.	3.5	17
10	Crack-enhanced mechanosensitivity of cost-effective piezoresistive flexible strain sensors suitable for motion detection. Smart Materials and Structures, 2018, 27, 105049.	3.5	17