

# Dandan Sun

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/150422/publications.pdf>

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17  
papers

462  
citations

933447

10  
h-index

888059

17  
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18  
all docs

18  
docs citations

18  
times ranked

463  
citing authors

#	ARTICLE	IF	CITATIONS
1	A real-time response relative humidity sensor based on a loop microfiber coated with polyvinyl alcohol film. Measurement: Journal of the International Measurement Confederation, 2022, 187, 110359.	5.0	15
2	Real-time Drug Delivery System Tracked Through an Optical Microfiber: Supporting Interface of Metal-Organic Framework. Particle and Particle Systems Characterization, 2022, 39, .	2.3	2
3	A Microfiber Sensor for the Trace Copper Ions Detection Based on Ternary Sensitive film. Advanced Materials Interfaces, 2022, 9, .	3.7	3
4	Simultaneous measurement of temperature and relative humidity based on a twisted microfiber coated with nanomaterials. Applied Optics, 2021, 60, 3849.	1.8	13
5	Optical characterization of Ge <sub>11</sub> As <sub>24</sub> S <sub>64</sub> glass for an on-chip supercontinuum. Applied Optics, 2021, 60, 5451.	1.8	2
6	On-Chip Detector Based on Supercontinuum Generation in Chalcogenide Waveguide. Journal of Lightwave Technology, 2021, 39, 3890-3895.	4.6	13
7	Optical investigation of chalcogenide glass for on-chip integrated devices. Results in Physics, 2021, 28, 104552.	4.1	3
8	Relative humidity sensor based on U-shaped microfiber interferometer coated with MoS <sub>2</sub> films. Materials Letters, 2021, 301, 130245.	2.6	9
9	Surface molecularly imprinted magnetic MOFs: A novel platform coupled with magneto electrode for high throughput electrochemical sensing analysis of oxytetracycline in foods. Food Chemistry, 2021, 363, 130337.	8.2	22
10	A fiber-optic ultraviolet sensor based on the evanescent field: Enhanced effects of black phosphorous film. Optical Fiber Technology, 2021, 67, 102747.	2.7	1
11	Magnetic molecularly imprinted electrochemical sensors: A review. Analytica Chimica Acta, 2020, 1106, 1-21.	5.4	73
12	Label-free detection of breast cancer biomarker using silica microfiber interferometry. Optics Communications, 2020, 463, 125375.	2.1	25
13	Fast response microfiber-optic pH sensor based on a polyaniline sensing layer. Applied Optics, 2020, 59, 11261.	1.8	3
14	Label-Free Thrombin Detection Using a Tapered Fiber-Optic Interferometric Aptasensor. Journal of Lightwave Technology, 2019, 37, 2756-2761.	4.6	43
15	Label-Free Detection of DNA Hybridization Using a Reflective Microfiber Bragg Grating Biosensor With Self-Assembly Technique. Journal of Lightwave Technology, 2017, 35, 3354-3359.	4.6	43
16	Label-Free Detection of Cancer Biomarkers Using an In-Line Taper Fiber-Optic Interferometer and a Fiber Bragg Grating. Sensors, 2017, 17, 2559.	3.8	62
17	In-situ DNA hybridization detection with a reflective microfiber grating biosensor. Biosensors and Bioelectronics, 2014, 61, 541-546.	10.1	130