

# Hanzheng Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11668527/publications.pdf>

Version: 2024-02-01

20  
papers

593  
citations

516710

16  
h-index

839539

18  
g-index

20  
all docs

20  
docs citations

20  
times ranked

702  
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel SERS substrate based on silver nanoparticles-capsulated single porous glass microsphere. , 2016, , .		2
2	Stress-induced birefringence and fabrication of in-fiber polarization devices by controlled femtosecond laser irradiations. Optics Express, 2016, 24, 1062.	3.4	16
3	Integrated microsphere whispering gallery mode probe for highly sensitive refractive index measurement. Optical Engineering, 2016, 55, 067105.	1.0	1
4	Integrated chemical vapor sensor based on thin wall capillary coupled porous glass microsphere optical resonator. Sensors and Actuators B: Chemical, 2015, 216, 332-336.	7.8	25
5	Fiber-Optic-Based Micro-Probe Using Hexagonal 1-in-6 Fiber Configuration for Intracellular Single-Cell pH Measurement. Analytical Chemistry, 2015, 87, 7171-7179.	6.5	29
6	Reflection-mode micro-spherical fiber-optic probes for in vitro real-time and single-cell level pH sensing. Sensors and Actuators B: Chemical, 2015, 207, 571-580.	7.8	18
7	Fiber pigtailed thin wall capillary coupler for excitation of microsphere WGM resonator in chemical sensing. Proceedings of SPIE, 2014, , .	0.8	1
8	Miniaturized optical fiber Fabry-Perot interferometer fabricated by femtosecond laser irradiation and selective chemical etching. , 2014, , .		0
9	All-in-fiber optofluidic sensor fabricated by femtosecond laser assisted chemical etching. Optics Letters, 2014, 39, 2358.	3.3	62
10	Reflection based extraordinary optical transmission fiber optic probe for refractive index sensing. Sensors and Actuators B: Chemical, 2014, 193, 95-99.	7.8	23
11	Temperature compensated refractometer based on a cascaded SMS/LPFG fiber structure. Sensors and Actuators B: Chemical, 2014, 198, 384-387.	7.8	45
12	Comparison of Silica and Sapphire Fiber SERS Probes Fabricated by a Femtosecond Laser. IEEE Photonics Technology Letters, 2014, 26, 1299-1302.	2.5	24
13	Reflection-based phase-shifted long period fiber grating for simultaneous measurement of temperature and refractive index. Optical Engineering, 2013, 52, 014404.	1.0	28
14	Turn-around point long-period fiber grating fabricated by CO2 laser for refractive index sensing. Sensors and Actuators B: Chemical, 2013, 177, 1149-1155.	7.8	27
15	Fiber pigtailed thin wall capillary coupler for excitation of microsphere WGM resonator. Optics Express, 2013, 21, 15834.	3.4	45
16	Polymer optical fiber for large strain measurement based on multimode interference. Optics Letters, 2012, 37, 4308.	3.3	75
17	Fiber inline Michelson interferometer fabricated by a femtosecond laser. Optics Letters, 2012, 37, 4489.	3.3	57
18	Optical microresonator based on hollow sphere with porous wall for chemical sensing. Optics Letters, 2012, 37, 94.	3.3	21

#	ARTICLE	IF	CITATIONS
19	Modified watershed technique and post-processing for segmentation of skin lesions in dermoscopy images. <i>Computerized Medical Imaging and Graphics</i> , 2011, 35, 116-120.	5.8	55
20	Watershed segmentation of dermoscopy images using a watershed technique. <i>Skin Research and Technology</i> , 2010, 16, 378-84.	1.6	39