

Jingcheng Zhou

List of Publications by Year in descending order

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35
papers

516
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687363

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35
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrasmall gold nanorod-polydopamine hybrids for enhanced photoacoustic imaging and photothermal therapy in second near-infrared window. <i>Nanotheranostics</i> , 2022, 6, 79-90.	5.2	19
2	A fiber optic photoacoustic sensor for real-time heparin monitoring. <i>Biosensors and Bioelectronics</i> , 2022, 196, 113692.	10.1	9
3	A Charge-Switchable Zwitterionic Peptide for Rapid Detection of SARS-CoV-2 Main Protease. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	1
4	A Charge-Switchable Zwitterionic Peptide for Rapid Detection of SARS-CoV-2 Main Protease. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	54
5	One-Step Supramolecular Multifunctional Coating on Plant Virus Nanoparticles for Bioimaging and Therapeutic Applications. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 13692-13702.	8.0	21
6	Pipeline structural health monitoring using distributed fiber optic sensing textile. <i>Optical Fiber Technology</i> , 2022, 70, 102876.	2.7	22
7	Enhanced Photoacoustic Detection of Heparin in Whole Blood <i>via</i> Melanin Nanocapsules Carrying Molecular Agents. <i>ACS Nano</i> , 2022, 16, 683-693.	14.6	19
8	The <i>in vivo</i> fate of tobacco mosaic virus nanoparticle theranostic agents modified by the addition of a polydopamine coat. <i>Biomaterials Science</i> , 2021, 9, 7134-7150.	5.4	10
9	Mapping Aerosolized Saliva on Face Coverings for Biosensing Applications. <i>Analytical Chemistry</i> , 2021, 93, 11025-11032.	6.5	18
10	The Application of Organic Nanomaterials for Bioimaging, Drug Delivery, and Therapy: Spanning Various Domains. <i>IEEE Nanotechnology Magazine</i> , 2021, 15, 8-28.	1.3	16
11	Versatile Polymer Nanocapsules via Redox Competition. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 26357-26362.	13.8	15
12	Miniature All-Optical Angle-Focused Photoacoustic Transducer. <i>IEEE Photonics Technology Letters</i> , 2020, 32, 27-30.	2.5	5
13	Validation of an ultrasound transducer's generation and receiving function on one single-mode fiber. <i>Optics and Lasers in Engineering</i> , 2020, 127, 105962.	3.8	13
14	Photoacoustic imaging with fiber optic technology: A review. <i>Photoacoustics</i> , 2020, 20, 100211.	7.8	57
15	Optical Fiber Ultrasound Probe for Radiofrequency Ablation Temperature Monitoring: In-Vitro Results. <i>IEEE Photonics Technology Letters</i> , 2020, 32, 689-692.	2.5	10
16	The enhancement of the photoacoustic generation efficiency based on fiber optic ultrasound phased array. <i>Measurement: Journal of the International Measurement Confederation</i> , 2019, 146, 668-674.	5.0	8
17	A Fiber Optic Acoustic Pyrometer for Temperature Monitoring in an Exhaust Pipe of a Boiler. <i>IEEE Photonics Technology Letters</i> , 2019, 31, 1580-1583.	2.5	6
18	A Fiber Optic Ultrasonic Sensing System for High Temperature Monitoring Using Optically Generated Ultrasonic Waves. <i>Sensors</i> , 2019, 19, 404.	3.8	12

#	ARTICLE	IF	CITATIONS
19	Highly Sensitive Miniature All-Silica Fiber Tip Fabry-Pérot Pressure Sensor. IEEE Photonics Technology Letters, 2019, 31, 689-692.	2.5	39
20	Highly Sensitive Fiber Optic Pressure Sensor Based on Silica Diaphragm Fabricated by MEMS. , 2019, , .		0
21	Fiber Optic Sensors Based on Photoacoustic Effect for Rebar Corrosion Measurement. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 4559-4565.	4.7	23
22	Ultrasound beam steering using a fiber optic ultrasound phased array. Optics Letters, 2019, 44, 5390.	3.3	10
23	A fiber optic ultrasonic sensing system for 2D temperature field monitoring using optically generated acoustic waves. , 2019, , .		0
24	All-Optical Photoacoustic Sensors for Steel Rebar Corrosion Monitoring. Sensors, 2018, 18, 1353.	3.8	18
25	Characterization of ultrasonic generation from a fiber-optic sidewall. , 2018, , .		1
26	High temperature monitoring using a novel fiber optic ultrasonic sensing system. , 2018, , .		3
27	Ultrasound generation from side wall of optical fibers. , 2017, , .		5
28	Ultrasonic temperature measurements with fiber optic system. Proceedings of SPIE, 2016, , .	0.8	3
29	Ultrasonic transmission from fiber optic generators on steel plate. Proceedings of SPIE, 2016, , .	0.8	1
30	Ultrasound generation from an optical fiber sidewall. Proceedings of SPIE, 2016, , .	0.8	7
31	Fiber optic ultrasound transmitters and their applications. Measurement: Journal of the International Measurement Confederation, 2016, 79, 164-171.	5.0	41
32	3D reconstruction of temperature field using Gaussian Radial Basis Functions (GRBF). , 2015, , .		3
33	Water temperature measurement using a novel fiber optic ultrasound transducer system. , 2015, , .		4
34	A new pitch-range based feature set for a speaker's age and gender classification. Applied Acoustics, 2015, 98, 52-61.	3.3	39
35	Versatile Polymer Nanocapsules via Redox Competition. Angewandte Chemie, 0, , .	2.0	4