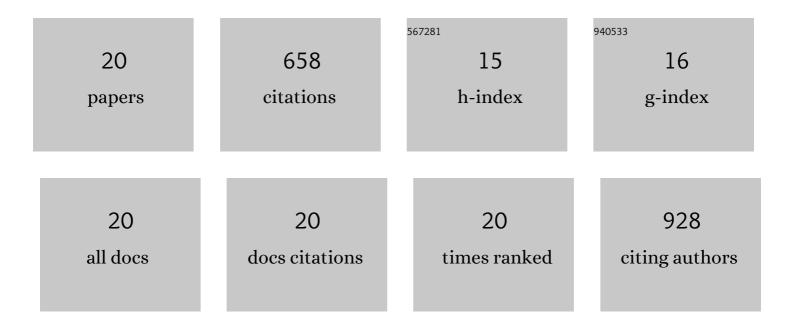
Chenhu Sun

List of Publications by Year in descending order

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CHENHU SUN

#	Article	IF	CITATIONS
1	Fiber Optic Sensing Technologies for Battery Management Systems and Energy Storage Applications. Sensors, 2021, 21, 1397.	3.8	45
2	State-of-the-art of methane sensing materials: A review and perspectives. TrAC - Trends in Analytical Chemistry, 2020, 125, 115820.	11.4	29
3	Real-Time Monitoring of Temperature Rises of Energized Transformer Cores With Distributed Optical Fiber Sensors. IEEE Transactions on Power Delivery, 2019, 34, 1588-1598.	4.3	40
4	Low-cost fiber optic sensor array for simultaneous detection of hydrogen and temperature. , 2018, , .		4
5	Distributed fiber-optic sensor for real-time monitoring of energized transformer cores. , 2017, , .		2
6	SO2 interference on separation performance of amine-containing facilitated transport membranes for CO2 capture from flue gas. Journal of Membrane Science, 2017, 534, 33-45.	8.2	38
7	Chemical Sensing Strategies for Real-Time Monitoring of Transformer Oil: A Review. IEEE Sensors Journal, 2017, 17, 5786-5806.	4.7	91
8	Double-Layer Zeolite Nano-Blocks and Palladium-Based Nanocomposite Fiber Optic Sensors for Selective Hydrogen Sensing at Room Temperature. , 2017, 1, 1-4.		9
9	Infrared Spectroscopic Study of Reaction of Carbon Dioxide with Aqueous Monoethanolamine Solutions. Industrial & Engineering Chemistry Research, 2016, 55, 6276-6283.	3.7	43
10	Synthesis of chabazite/polymer composite membrane for CO2/N2 separation. Microporous and Mesoporous Materials, 2016, 230, 208-216.	4.4	17
11	Selective detection of part per billion concentrations of ammonia using a p–n semiconducting oxide heterostructure. Sensors and Actuators B: Chemical, 2016, 226, 156-169.	7.8	26
12	Multilayer polymer/zeolite Y composite membrane structure for CO2 capture from flue gas. Journal of Membrane Science, 2016, 498, 1-13.	8.2	55
13	Rapid synthesis of faujasite/polyethersulfone composite membrane and application for CO2/N2 separation. Microporous and Mesoporous Materials, 2015, 208, 72-82.	4.4	28
14	Novel strategies for development of gas sensors for combustion and medical applications. Proceedings of SPIE, 2014, , .	0.8	0
15	Nitric oxide sensors using combination of p- and n-type semiconducting oxides and its application for detecting NO in human breath. Sensors and Actuators B: Chemical, 2013, 186, 117-125.	7.8	57
16	An Aptamer-Based Competitive Fluorescence Quenching Assay for IgE. Analytical Letters, 2011, 44, 1301-1309.	1.8	5
17	Labelâ€Free Electrochemical Biosensor of Mercury Ions Based on DNA Strand Displacement by Thymine–Hg(II)–Thymine Complex. Electroanalysis, 2010, 22, 2110-2116.	2.9	34
18	An aptazyme-based electrochemical biosensor for the detection of adenosine. Analytica Chimica Acta, 2010, 669, 87-93.	5.4	31

#	Article	IF	CITATIONS
19	Electrochemical DNA biosensor based on proximity-dependent DNA ligation assays with DNAzyme amplification of hairpin substrate signal. Biosensors and Bioelectronics, 2010, 25, 2483-2489.	10.1	23
20	Label-free electrochemical detection of nanomolar adenosine based on target-induced aptamer displacement. Electrochemistry Communications, 2008, 10, 531-535.	4.7	81