Wangquan Ye

List of Publications by Year
in descending order

10 papers	159 citations	1684188 5 h-index	1474206 9 g-index
10 all docs	10 docs citations	10 times ranked	138 citing authors

#	Article	IF	Citations
1	Development of a compact underwater laser-induced breakdown spectroscopy (LIBS) system and preliminary results in sea trials. Applied Optics, 2017, 56, 8196.	1.8	61
2	Improvement in the analytical performance of underwater LIBS signals by exploiting the plasma image information. Journal of Analytical Atomic Spectrometry, 2020, 35, 366-376.	3.0	30
3	Development and Field Tests of a Deep-Sea Laser-Induced Breakdown Spectroscopy (LIBS) System for Solid Sample Analysis in Seawater. Sensors, 2020, 20, 7341.	3.8	20
4	Investigation of Two Novel Approaches for Detection of Sulfate Ion and Methane Dissolved in Sediment Pore Water Using Raman Spectroscopy. Sensors, 2015, 15, 12377-12388.	3.8	15
5	Diurnal Variability in Chlorophyll-a, Carotenoids, CDOM and SO42â^' Intensity of Offshore Seawater Detected by an Underwater Fluorescence-Raman Spectral System. Sensors, 2016, 16, 1082.	3.8	11
6	Analysis and Modeling Methodologies for Heat Exchanges of Deep-Sea In Situ Spectroscopy Detection System Based on ROV. Sensors, 2018, 18, 2729.	3.8	8
7	Depth Profiling Investigation of Seawater Using Combined Multi-Optical Spectrometry. Applied Spectroscopy, 2020, 74, 563-570.	2.2	6
8	Development of an Easy-to-Operate Underwater Raman System for Deep-Sea Cold Seep and Hydrothermal Vent In Situ Detection. Sensors, 2021, 21, 5090.	3.8	4
9	Development of a compact deep-sea Raman spectroscopy system and direct bicarbonate detection in sea trials. Applied Optics, 2019, 58, 2630.	1.8	4
10	Design and reliability analysis for underwater control system in OUC-Raman instrument node of seafloor observatory network. , 2016, , .		0