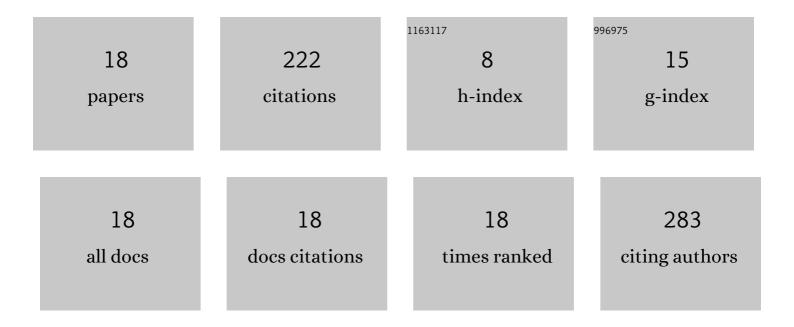
Sangwoo Oh

List of Publications by Year in descending order

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SANGWOO OH

#	Article	IF	CITATIONS
1	A CMOS Image Sensor Based Refractometer without Spectrometry. Sensors, 2022, 22, 1209.	3.8	2
2	Classification and Identification of Spectral Pixels with Low Maritime Occupancy Using Unsupervised Machine Learning. Remote Sensing, 2022, 14, 1828.	4.0	0
3	Hazardous Noxious Substance Detection Based on Ground Experiment and Hyperspectral Remote Sensing. Remote Sensing, 2021, 13, 318.	4.0	6
4	Application of Spectral Mixture Analysis to Vessel Monitoring Using Airborne Hyperspectral Data. Remote Sensing, 2020, 12, 2968.	4.0	6
5	Rapid eco-toxicity analysis of hazardous and noxious substances (HNS) using morphological change detection in Dunaliella tertiolecta. Algal Research, 2020, 51, 102063.	4.6	2
6	Applying hyperspectral remote sensing methods to ship detection based on airborne and ground experiments. International Journal of Remote Sensing, 2020, 41, 5928-5952.	2.9	8
7	Estimation of ship size from satellite optical image using elliptic characteristics of ship periphery. International Journal of Remote Sensing, 2020, 41, 5905-5927.	2.9	6
8	Smartphone compatible on-site fluorescence analyzer for spilled crude oil based on CMOS image sensor. Sensors and Actuators B: Chemical, 2019, 289, 93-99.	7.8	13
9	Fabrication of truly 3D microfluidic channel using 3D-printed soluble mold. Biomicrofluidics, 2018, 12, 014105.	2.4	30
10	Multi-Spectral Ship Detection Using Optical, Hyperspectral, and Microwave SAR Remote Sensing Data in Coastal Regions. Sustainability, 2018, 10, 4064.	3.2	16
11	A Field-Portable Cell Analyzer without a Microscope and Reagents. Sensors, 2018, 18, 85.	3.8	12
12	A review of recent progress in lens-free imaging and sensing. Biosensors and Bioelectronics, 2017, 88, 130-143.	10.1	54
13	The Ship Detection Using Airborne and In-situ Measurements Based on Hyperspectral Remote Sensing. Journal of the Korean Earth Science Society, 2017, 38, 535-545.	0.2	10
14	Automated Micro-Object Detection for Mobile Diagnostics Using Lens-Free Imaging Technology. Diagnostics, 2016, 6, 17.	2.6	7
15	A Human Serum-Based Enzyme-Free Continuous Glucose Monitoring Technique Using a Needle-Type Bio-Layer Interference Sensor. Sensors, 2016, 16, 1581.	3.8	6
16	Staining-free cell viability measurement technique using lens-free shadow imaging platform. Sensors and Actuators B: Chemical, 2016, 224, 577-583.	7.8	19
17	Real-time Micro-algae Flocculation Analysis Method Based on Lens-free Shadow Imaging Technique (LSIT). Journal of the Korean Society for Marine Environment & Energy, 2016, 19, 341-348.	0.2	0
18	A simple and low-cost biofilm quantification method using LED and CMOS image sensor. Journal of Microbiological Methods, 2014, 107, 150-156.	1.6	25