Omer Galip Saracoglu

List of Publications by Year
in descending order

15 papers	332 citations	933447 10 h-index	1125743 13 g-index
15 all docs	15 docs citations	15 times ranked	298 citing authors

#	Article	IF	Citations
1	Electromagnetic shielding characteristics of woven fabrics made of hybrid yarns containing metal wire. Fibers and Polymers, 2012, 13, 63-67.	2.1	85
2	An Artificial Neural Network Approach for the Prediction of Absorption Measurements of an Evanescent Field Fiber Sensor. Sensors, 2008, 8, 1585-1594.	3.8	41
3	Polarization insensitive plasmonic perfect absorber with coupled antisymmetric nanorod array. Sensors and Actuators B: Chemical, 2017, 243, 617-625.	7.8	37
4	A Simple, High Sensitive Fiber Optic Microphone Based on Cellulose Triacetate Diaphragm. Journal of Lightwave Technology, 2018, 36, 5650-5655.	4.6	32
5	Experimental and numerical characterization of a mid-infrared plasmonic perfect absorber for dual-band enhanced vibrational spectroscopy. Optical Materials, 2017, 73, 213-222.	3.6	27
6	Metamaterial plasmonic absorber for reducing the spectral shift between near- and far-field responses in surface-enhanced spectroscopy applications. Sensors and Actuators A: Physical, 2017, 267, 60-69.	4.1	20
7	Color Regeneration from Reflective Color Sensor Using an Artificial Intelligent Technique. Sensors, 2010, 10, 8363-8374.	3.8	18
8	Bent Fiber Sensor for Preservative Detection in Milk. Sensors, 2016, 16, 2094.	3.8	18
9	A novel approach based on simulation of tunable MEMS diaphragm for extrinsic Fabryâ€“Perot sensors. Optics Communications, 2019, 430, 14-23.	2.1	18
10	An effective triple-band enhanced-infrared-absorption detection by honeycomb-shaped metamaterial-plasmonic absorber. Sensors and Actuators A: Physical, 2019, 288, 149-155.	4.1	17
11	The Experimental Validation of Designed Fiber Optic Pressure Sensors With EPDM Diaphragm. IEEE Sensors Journal, 2019, 19, 5680-5685.	4.7	8
12	A new nonautonomous version of Chua's circuit: Experimental observations. Journal of the Franklin Institute, 2006, 343, 191-203.	3.4	4
13	Experimental observations of EMI effects in autonomous Chuaâ€™s chaotic circuit. Chaos, Solitons and Fractals, 2007, 32, 1168-1177.	5.1	4
14	Spectral analysis for photoacoustic pressure sensor designs: Theoretical model improvement and experimental validation. Sensors and Actuators A: Physical, 2019, 287, 76-83.	4.1	2
15	Adaptation of optical RGB sensor to CIE-XYZ color space. , 2011, , .		1