Lei Liang

List of Publications by Year
in descending order

13 papers	**88** citations	1478505 **6** h-index	1372567 **10** g-index
13 all docs	**13** docs citations	**13** times ranked	**55** citing authors

#	Article	IF	Citations
1	Sensitivity-Enhanced Fiber Bragg Grating Pressure Sensor Based on a Diaphragm and Hinge-Lever Structure. IEEE Sensors Journal, 2021, 21, 9155-9164.	4.7	22
2	New Fiber Bragg Grating Three-Dimensional Accelerometer Based on Composite Flexure Hinges. Sensors, 2021, 21, 4715.	3.8	16
3	A Two Fiber Bragg Gratings Sensing System to Monitor the Torque of Rotating Shaft. Sensors, 2016, 16, 138.	3.8	15
4	Sparse Representation Theory and its Application for Face Recognition. International Journal on Smart Sensing and Intelligent Systems, 2015, 8, 107-124.	0.7	8
5	A 3D FBG Accelerometer Based on Two Pairs of Flexible Hinges. IEEE Sensors Journal, 2021, 21, 21586-21593.	4.7	8
6	Design and Measurement of a Dual FBG High-Precision Shape Sensor for Wing Shape Reconstruction. Sensors, 2022, 22, 168.	3.8	6
7	A Medium-Frequency Fiber Bragg Grating Accelerometer Based on Flexible Hinges. Sensors, 2021, 21, 6968.	3.8	5
8	A Mechanically Stable and High-Sensitivity Glucose-Sensitive Membrane Based on the Entrapping of Immobilized GODs in PVA+PEG Composite Hydrogels. IEEE Sensors Journal, 2021, 21, 193-198.	4.7	3
9	Distributed fiber optic interferometric geophone system based on draw tower gratings. Photonic Sensors, 2017, 7, 246-252.	5.0	2
10	Theoretical investigations for combination optical fiber tip sensors. Journal of Computational Methods in Sciences and Engineering, 2015, 15, 99-106.	0.2	1
11	Study on influence of crack on the blade status using FBGs. Photonic Sensors, 2018, 8, 63-69.	5.0	1
12	A Refractometric Uric Acid Biosensor Based on Immobilized Uricase and PVA+PEG Composite Hydrogels. IEEE Sensors Journal, 2020, , 1-1.	4.7	1
13	DESIGN OF COMPLICATED DUPLICATE IMAGE REPRESENTATION APPROACH BASED ON DESCRIPTOR LEARNING. International Journal on Smart Sensing and Intelligent Systems, 2015, 8, 992-1010.	0.7	0