

# Uilian JosÃ© Dreyer

## List of Publications by Year in descending order

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25  
papers

158  
citations

1307594

7  
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1199594

12  
g-index

25  
all docs

25  
docs citations

25  
times ranked

139  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic Eccentricity Induced in Induction Motor Detected by Optical Fiber Bragg Grating Strain Sensors. IEEE Sensors Journal, 2016, 16, 4786-4792.	4.7	43
2	Evaluation electromagnetic contactor magnetic core temperature and dynamic strain using fiber Bragg gratings. Measurement: Journal of the International Measurement Confederation, 2020, 166, 108174.	5.0	16
3	Optical Fiber Sensor Encapsulated in Carbon Fiber Reinforced Polymer for Fault Detection in Rotating Electrical Machines. IEEE Sensors Journal, 2020, 20, 11364-11371.	4.7	15
4	Quasi-Distributed Optical Fiber Transducer for Simultaneous Temperature and Vibration Sensing in High-Power Generators. IEEE Sensors Journal, 2018, 18, 1547-1554.	4.7	14
5	A technique to package Fiber Bragg Grating Sensors for Strain and Temperature Measurements. Journal of Microwaves, Optoelectronics and Electromagnetic Applications, 2013, 12, 638-646.	0.7	13
6	Optical Fiber Bragg Grating Instrumentation Applied to Horse Gait Detection. IEEE Sensors Journal, 2018, 18, 5778-5785.	4.7	9
7	Faults Diagnosis in Induction Motors Through Thermal Mapping Produced by the RDTS System. IEEE Sensors Journal, 2021, 21, 20061-20068.	4.7	7
8	Smart Carbon-Fiber Reinforced Polymer Optical Fiber Bragg Grating for Monitoring Fault Detection in Bearing. IEEE Sensors Journal, 2022, 22, 12921-12929.	4.7	7
9	Optical System Based on Multiplexed FBGs to Monitor Hand Movements. IEEE Sensors Journal, 2021, 21, 14081-14089.	4.7	6
10	Raman distributed temperature sensing for end winding of high-power generator. IET Optoelectronics, 2020, 14, 343-349.	3.3	5
11	Vibration measurement of Induction Motor under dynamic eccentricity using optical fiber Bragg grating sensors. , 2015, , .		4
12	Distributed optical fiber microphone. , 2017, , .		4
13	Influence of process bus on performance of power system protection. Electric Power Systems Research, 2021, 200, 107491.	3.6	4
14	Fiber-Optic Bragg Grating Sensors for Biomechanical Analysis of Fracture Healing. IEEE Sensors Journal, 2021, 21, 24177-24184.	4.7	3
15	Thermal and vibration dynamic analysis of an induction motor using optical fiber Bragg gratings. Proceedings of SPIE, 2015, , .	0.8	2
16	Photonic sensors: from horse racing to horse power. , 2017, , .		2
17	Optical fiber instrumentation of a high power generator and turbine. Proceedings of SPIE, 2013, , .	0.8	1
18	Horse Gait Identification Using Distributed Acoustic Sensing. IEEE Sensors Journal, 2021, 21, 3058-3065.	4.7	1

#	ARTICLE	IF	CITATIONS
19	WIRED HORSES. , 2018, , .		1
20	Recognition of Fingers movement Using Fiber Bragg Gratings in Silicon Elastomer Packing. , 2019, , .		1
21	Quasi-distributed fiber Bragg grating temperature sensors for stator bars monitoring of large electric generators. , 2016, , .		0
22	Quasi-Distributed Temperature Measurement for Hydroelectric Generators Bearings via use of Fiber Bragg Gratings. , 2014, , .		0
23	Optical fiber sensors: the last step towards mainstream. , 2015, , .		0
24	Optical quasi-distributed simultaneous vibration and temperature sensing in stator bars of a 370-MVA electric generator. , 2017, , .		0
25	Considerations for the Development of LMR-based Optical Fiber Sensors for Gas Sensing Applications. , 2018, , .		0