

# Fernando Martinez-Pinon

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5671950/publications.pdf>

Version: 2024-02-01

15  
papers

292  
citations

1478505

6  
h-index

1474206

9  
g-index

16  
all docs

16  
docs citations

16  
times ranked

388  
citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneous measurement of refractive index and temperature using a SPR-based fiber optic sensor. Sensors and Actuators B: Chemical, 2017, 242, 912-920.	7.8	183
2	Surface Plasmon Resonance-Based Optical Fiber Embedded in PDMS for Temperature Sensing. IEEE Journal of Selected Topics in Quantum Electronics, 2017, 23, 126-131.	2.9	49
3	Polymer optical fiber moisture sensor based on evanescent-wave scattering to measure humidity in oil-paper insulation in electrical apparatus. , 2008, , .		15
4	Direct optical techniques for the measurement of water content in oilâ€“paper insulation in power transformers. Measurement Science and Technology, 2011, 22, 065706.	2.6	10
5	Temperature sensing through long period fiber gratings mechanically induced on tapered optical fibers. Applied Optics, 2017, 56, 5526.	1.8	10
6	Optimum peak pulse investigation for OTDR instrumentation. Laser Physics, 2008, 18, 907-910.	1.2	7
7	Supervised learning applied to the decoding of SCMA codewords. IEEE Latin America Transactions, 2019, 17, 1843-1848.	1.6	7
8	Highly Sensitive Surface Plasmon Resonance-based Optical Fiber Multi-parameter Sensor. Procedia Engineering, 2016, 168, 1249-1252.	1.2	6
9	Spectrum Analyzer by Software Defined Radio. , 2018, , .		2
10	An application of 8-APSK modulation for the uplink using SVD-SCMA. IEEE Latin America Transactions, 2021, 19, 1754-1762.	1.6	2
11	Linear polarization Yb3+-doped fiber laser with novel innerclad structures. Laser Physics, 2008, 18, 1340-1343.	1.2	1
12	Performance Analysis of Random Access Strategies for Short Message Exchange in VANETs: A Social Approach. , 2012, , .		0
13	Mechanically induced long period fiber gratings on single mode tapered optical fiber for structure sensing applications. Proceedings of SPIE, 2015, , .	0.8	0
14	PROPOSAL FOR SPATIAL AND TEMPORAL COMPARISON IN THE ALGORITHMS FOR 3D RECONSTRUCTION. Dyna (Spain), 2021, 96, 237-237.	0.2	0
15	A comparison of approximate and exact modes in few-mode micro-optical fibres. , 2017, , .		0