

Girolamo D'Agostino

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

335
citations

1307594

7
h-index

1474206

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g-index

12
all docs

12
docs citations

12
times ranked

366
citing authors

#	ARTICLE	IF	CITATIONS
1	Proof of Concept for a Quick and Highly Sensitive On-Site Detection of SARS-CoV-2 by Plasmonic Optical Fibers and Molecularly Imprinted Polymers. <i>Sensors</i> , 2021, 21, 1681.	3.8	70
2	A Molecularly Imprinted Polymer on a Plasmonic Plastic Optical Fiber to Detect Perfluorinated Compounds in Water. <i>Sensors</i> , 2018, 18, 1836.	3.8	69
3	Monitoring of Low Levels of Furfural in Power Transformer Oil with a Sensor System Based on a POF-MIP Platform. <i>Sensors</i> , 2015, 15, 8499-8511.	3.8	66
4	A Simple Small Size and Low Cost Sensor Based on Surface Plasmon Resonance for Selective Detection of Fe(III). <i>Sensors</i> , 2014, 14, 4657-4671.	3.8	51
5	A Simple and Low-Cost Optical Fiber Intensity-Based Configuration for Perfluorinated Compounds in Water Solution. <i>Sensors</i> , 2018, 18, 3009.	3.8	38
6	Toward Smart Selective Sensors Exploiting a Novel Approach to Connect Optical Fiber Biosensors in Internet. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2020, 69, 8009-8019.	4.7	9
7	Measurement of MIPs Responses Deposited on Two SPR-POF Sensors Realized by Different Photoresist Buffer Layers. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2020, 69, 1464-1473.	4.7	9
8	(INVITED) Quantitative detection of SARS-CoV-2 virions in aqueous mediums by IoT optical fiber sensors. <i>Results in Optics</i> , 2021, 5, 100177.	2.0	9
9	Water monitoring in smart cities exploiting plastic optical fibers and molecularly imprinted polymers. The case of PFBS detection. , 2019, , .		7
10	Chemical and Biological Applications Based on Plasmonic Optical Fiber Sensors. <i>IEEE Instrumentation and Measurement Magazine</i> , 2021, 24, 50-55.	1.6	5
11	An optical platform for furfural detection in transformer oil. , 2015, , .		2
12	Universal tool for surface plasmon resonance sensors realized in waveguides. , 2021, , .		0