

Cleumar da Silva Moreira

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

292
citations

1040056

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940533

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29
all docs

29
docs citations

29
times ranked

323
citing authors

#	ARTICLE	IF	CITATIONS
1	Temperature-dependent sensitivity of surface plasmon resonance sensors at the gold-water interface. <i>Sensors and Actuators B: Chemical</i> , 2008, 134, 854-862.	7.8	70
2	A Surface Plasmon Resonance Biochip That Operates Both in the Angular and Wavelength Interrogation Modes. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2013, 62, 1223-1232.	4.7	39
3	Surface Plasmon Resonance Sensing Characteristics of Thin Aluminum Films in Aqueous Solution. <i>IEEE Sensors Journal</i> , 2017, 17, 6258-6267.	4.7	20
4	Theoretical Analysis of Sensitivity Enhancement by Graphene Usage in Optical Fiber Surface Plasmon Resonance Sensors. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2019, 68, 1554-1560.	4.7	19
5	Surface Plasmon Resonance Sensing Characteristics of Thin Copper and Gold Films in Aqueous and Gaseous Interfaces. <i>IEEE Sensors Journal</i> , 2020, 20, 7701-7710.	4.7	18
6	Exchangeable low cost polymer biosensor chip for surface plasmon resonance spectroscopy. <i>Procedia Chemistry</i> , 2009, 1, 1479-1482.	0.7	13
7	A method for determining the mutual diffusion coefficient of molecular solutes based on surface plasmon resonance sensing. <i>Sensors and Actuators B: Chemical</i> , 2011, 154, 129-136.	7.8	12
8	Optical Properties and Instrumental Performance of thin Noble Metal (Cu, Au, Ag) Films Near the Surface Plasmon Resonance. <i>Procedia Engineering</i> , 2016, 168, 834-837.	1.2	11
9	Linear peristaltic pump driven by three magnetic actuators: Simulation and experimental results. , 2011, , .		9
10	A Prism-based Polymeric Surface Plasmon Resonance Biochip for Angular and Spectral Modes. <i>Procedia Engineering</i> , 2016, 168, 1350-1353.	1.2	9
11	Line Shape Analysis and Extended Instrumental Operation of Surface Plasmon Resonance Sensors. <i>Plasmonics</i> , 2010, 5, 259-266.	3.4	8
12	Application of ZnO Nanocrystals as a Surface-Enhancer FTIR for Glyphosate Detection. <i>Nanomaterials</i> , 2021, 11, 509.	4.1	8
13	An Automatic Emulation System for Environmental Thermal Energy Harvesting. , 2019, , .		7
14	Aluminum-Based Deep-Ultraviolet Surface Plasmon Resonance Sensor. <i>Plasmonics</i> , 2020, 15, 1891-1901.	3.4	7
15	An electro-thermal approach to dielectric breakdown in solids: application to crystalline polymer insulators. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , 2010, 17, 872-880.	2.9	6
16	Theoretical Analysis and Proposition of an Enhanced Surface Plasmon Resonance Based Optical Fiber Tip Sensor with Graphene Overlay. , 2019, , .		6
17	Polymer-based surface plasmon resonance biochip: construction and experimental aspects. <i>Research on Biomedical Engineering</i> , 2016, 32, 92-103.	2.2	5
18	Leishmania spp. Detection Using a Surface Plasmon Resonance Biosensor. <i>Proceedings (mdpi)</i> , 2017, 1, 536.	0.2	5

#	ARTICLE	IF	CITATIONS
19	A new planar sensor based on the matryoshka microstrip resonator. , 2017, , .		4
20	Approaches for deep-ultraviolet surface plasmon resonance sensors. Optics Letters, 2020, 45, 4642.	3.3	4
21	A surface plasmon resonance biosensor for angular and wavelength operation. , 2012, , .		3
22	Molecular transport and mutual diffusion measurement method in a micro-fluidic system, based on surface plasmon resonance spectroscopy. Procedia Chemistry, 2009, 1, 1099-1102.	0.7	2
23	Application of a Smartphone-based SPR platform for Glyphosate detection. , 2019, , .		2
24	Computational analysis of nanoparticles for the construction of nanosensors based on localized surface plasmon resonance. , 2019, , .		1
25	Substrate material influence on the deep-ultraviolet surface plasmon resonance sensors using aluminum films. , 2019, , .		1
26	Danos causados À saÃde humana pelos metais tÃxicos presentes no lixo eletrÃnico. Diversitas Journal, 2021, 6, 2025-2039.	0.1	1
27	Data Acquisition System Using Hybrid Network Based on LoRa for Hydraulic Plants. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-12.	4.7	1
28	In Silico Study of the Surface Plasmon Resonance Use for Detecting Cancer in the Colorectal Mucosa. , 2022, , .		1
29	Reaproveitamento de placas de circuito impresso: uma revisÃo de literatura. Diversitas Journal, 2021, 6, 341-351.	0.1	0