

Gustavo Oliveira Cavalcanti

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

77
citations

1937685

4
h-index

1872680

6
g-index

13
all docs

13
docs citations

13
times ranked

103
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Sensor Network for Monitoring the State of Pollution of High-Voltage Insulators Via Satellite. IEEE Transactions on Power Delivery, 2012, 27, 953-962. | 4.3 | 30 |
| 2 | Microfabricated Otto chip device for surface plasmon resonance-based optical sensing. Applied Optics, 2015, 54, 9200. | 2.1 | 21 |
| 3 | Maintaining a stationary laser footprint during angular scan in internal-reflection experiments. Applied Optics, 2013, 52, 7669. | 1.8 | 8 |
| 4 | Automated reflectometer for surface plasmon resonance studies in the infrared and its application for the characterization of Pd Films. , 2007, , . | | 5 |
| 5 | Silicon-on-quartz bonding based SPR chip. Microsystem Technologies, 2017, 23, 1983-1989. | 2.0 | 5 |
| 6 | Pressure sensing by surface plasmon resonance in the Otto configuration. , 2016, , . | | 3 |
| 7 | Characterization of Otto Chips by Particle Swarm Optimization. Journal of Microwaves, Optoelectronics and Electromagnetic Applications, 2021, 20, 158-172. | 0.7 | 2 |
| 8 | Efficiency of Class III Surge Protection Devices against Lightning Surges. IEEE Latin America Transactions, 2021, 19, 1459-1467. | 1.6 | 2 |
| 9 | Open Otto chip as an SPR pressure transducer. , 2016, , . | | 1 |
| 10 | Sistema Automatizado de Controle de Abastecimento de Água Proveniente de Poços Artesianos com Monitoramento Remoto. Revista De Engenharia E Pesquisa Aplicada, 2017, 2, . | 0.1 | 0 |
| 11 | Highly Sensitive Retro-Reflectance Fiber-Optic Sensors for Liquid-Liquid Interface Detection. , 2019, , . | | 0 |
| 12 | A swarm intelligence approach for regression analysis of surface plasmon resonance curves in Otto chips. , 2019, , . | | 0 |
| 13 | Parametrização Remota de Medidores de Vazão Eletromagnético. Revista De Engenharia E Pesquisa Aplicada, 2021, 6, 10-18. | 0.1 | 0 |