

Helder Fonseca

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

200
citations

1307594

7
h-index

1199594

12
g-index

17
all docs

17
docs citations

17
times ranked

398
citing authors

#	ARTICLE	IF	CITATIONS
1	Incorporation of nano-features into surface photoactive arrays for broadband absorption of the solar radiation. <i>Solar Energy Materials and Solar Cells</i> , 2022, 245, 111864.	6.2	1
2	Broadband and Omnidirectional Antireflection Surfaces Based on Deep Subwavelength Features for Harvesting of the Solar Energy. <i>Solar Rrl</i> , 2021, 5, 2100548.	5.8	8
3	An efficient and deterministic photon management using deep subwavelength features. <i>Nano Energy</i> , 2020, 70, 104521.	16.0	10
4	Opportunities for enhanced omnidirectional broadband absorption of the solar radiation using deep subwavelength structures. <i>Nano Energy</i> , 2020, 70, 104553.	16.0	10
5	Highly-ordered silicon nanowire arrays for photoelectrochemical hydrogen evolution: an investigation on the effect of wire diameter, length and inter-wire spacing. <i>Sustainable Energy and Fuels</i> , 2018, 2, 978-982.	4.9	31
6	Efficient light trapping and broadband absorption of the solar spectrum in nanopillar arrays decorated with deep-subwavelength sidewall features. <i>Nanoscale</i> , 2018, 10, 18613-18621.	5.6	11
7	Novel magnetic readout for hybrid spintronic MEMS devices. , 2017, , .		0
8	Flexible Magnetoresistive Sensors Designed for Conformal Integration. <i>IEEE Transactions on Magnetics</i> , 2017, 53, 1-4.	2.1	12
9	Integration of magnetoresistive sensors with atomic force microscopy cantilevers for scanning magnetoresistance microscopy applications. , 2015, , .		1
10	Amorphous oxygen-rich molybdenum oxysulfide Decorated p-type silicon microwire Arrays for efficient photoelectrochemical water reduction. <i>Nano Energy</i> , 2015, 16, 130-142.	16.0	85
11	Bi-directional extended range parallel plate electrostatic actuator based on feedback linearization. , 2015, , .		4
12	Real-Time Operation and Characterization of a High-Performance Time-Based Accelerometer. <i>Journal of Microelectromechanical Systems</i> , 2015, 24, 1703-1711.	2.5	11
13	High-performance pull-in time accelerometer. , 2015, , .		0
14	Fabrication and characterization of polymeric three-axis thermal accelerometers. <i>Journal of Micromechanics and Microengineering</i> , 2015, 25, 085005.	2.6	6
15	Bending Effect on Magnetoresistive Silicon Probes. <i>IEEE Transactions on Magnetics</i> , 2015, 51, 1-4.	2.1	6
16	Integration of Magnetoresistive Sensors With Atomic Force Microscopy Cantilevers for Scanning Magnetoresistance Microscopy Applications. <i>IEEE Transactions on Magnetics</i> , 2015, 51, 1-4.	2.1	4