

Hernando S Salapare Iii

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

195
citations

1163117

8
h-index

1058476

14
g-index

19
all docs

19
docs citations

19
times ranked

252
citing authors

#	ARTICLE	IF	CITATIONS
1	Stability of the hydrophilic and superhydrophobic properties of oxygen plasma-treated poly(tetrafluoroethylene) surfaces. <i>Journal of Colloid and Interface Science</i> , 2013, 396, 287-292.	9.4	58
2	Adsorption of diclofenac sodium in aqueous solution using plasma-activated natural zeolites. <i>Results in Physics</i> , 2019, 15, 102629.	4.1	24
3	Reactive-ion etching of nylon fabric meshes using oxygen plasma for creating surface nanostructures. <i>Applied Surface Science</i> , 2015, 356, 408-415.	6.1	20
4	Irradiation of poly(tetrafluoroethylene) surfaces by CF ₄ plasma to achieve robust superhydrophobic and enhanced oleophilic properties for biological applications. <i>Materials Science and Engineering C</i> , 2015, 46, 270-275.	7.3	16
5	Low-energy hydrogen ion shower (LEHIS) treatment of polytetrafluoroethylene (PTFE) materials. <i>Applied Surface Science</i> , 2008, 255, 2951-2957.	6.1	15
6	Antibacterial efficiency of magnetron sputtered TiO ₂ on poly(methyl methacrylate). <i>Surfaces and Interfaces</i> , 2017, 8, 28-35.	3.0	12
7	Cupric Oxide Nanostructures from Plasma Surface Modification of Copper. <i>Biomimetics</i> , 2019, 4, 42.	3.3	10
8	Superhydrophilic properties of plasma-treated <i>Posidonia oceanica</i> . <i>Applied Surface Science</i> , 2013, 273, 444-447.	6.1	9
9	Anti-bacterial Property of Hydrogen-ion and Oxygen-ion Treated Polytetrafluoroethylene (PTFE) Materials. <i>Plasma and Fusion Research</i> , 2011, 6, 2406043-2406043.	0.7	7
10	Gas discharge plasma treatment of poly(ethylene glycol- <i>i>co</i>-1,3/1,4 cyclohexanedimethanol) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 <i>Surfaces and Films</i>, 2016, 34, .</i>	2.1	7
11	Bioinspired and Biobased Materials. <i>Macromolecular Chemistry and Physics</i> , 2019, 220, 1900241.	2.2	6
12	Resistant amphiphobic textile coating by plasma induced polymerization of a pyrrole derivative grafted to silica nanoparticles and short fluorinated alkyl chains. <i>Materials Today Communications</i> , 2022, 30, 103171.	1.9	5
13	Robust superhydrophobicity by candle soot deposition on plasma-treated PETG. <i>Surface Innovations</i> , 2015, 3, 192-195.	2.3	3
14	Photodegradation of Rhodamine 6G by Amorphous TiO ₂ Films Grown on Polymethylmethacrylate by Magnetron Sputtering. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2017, 53, 1022-1027.	1.1	3
15	Topological characterization of plasma-etched polymer surface using discontinuous percolation transition. <i>Materials Chemistry and Physics</i> , 2017, 200, 322-330.	4.0	0
16	Robust Superhydrophobicity by Candle Soot Deposition on Plasma-Treated PETG. <i>Surface Innovations</i> , 2015, , 1-16.	2.3	0
17	4 th International Conference on Bioinspired and Biobased Chemistry & Materials (N.I.C.E. 2018). <i>Pure and Applied Chemistry</i> , 2020, 92, e1-e2.	1.9	0
18	Bioinspired and biobased chemistry & materials (N.I.C.E. 2020): onsite and online hybrid conference. <i>Pure and Applied Chemistry</i> , 2021, 93, 1245-1246.	1.9	0