

Philippe Decorse

List of Publications by Year in descending order

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papers

830
citations

430874

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times ranked

1210
citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneous Photografting of Two Organic Groups on a Gold Surface by using Arylazo Sulfones as Single Precursors. <i>Langmuir</i> , 2020, 36, 2786-2793.	3.5	14
2	Electrografting of methylamine through C-H activation or oxidation to give highly aminated surfaces. <i>Electrochimica Acta</i> , 2020, 345, 136170.	5.2	6
3	Tailoring the Shape of Anisotropic Core-Shell Au-Ag Nanoparticles in Dimethyl Sulfoxide. <i>Chemistry of Materials</i> , 2019, 31, 2741-2749.	6.7	21
4	Photoelectrochemical properties of ZnS- and CdS-TiO ₂ nanostructured photocatalysts: Aqueous sulfidation as a smart route to improve catalyst stability. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 356, 489-501.	3.9	16
5	Micro-patterned anti-icing coatings with dual hydrophobic/hydrophilic properties. <i>Journal of Materials Chemistry A</i> , 2018, 6, 19353-19357.	10.3	30
6	Alkyl-Modified Gold Surfaces: Characterization of the Au-C Bond. <i>Langmuir</i> , 2018, 34, 11264-11271.	3.5	26
7	Diazonium salt chemistry for the design of nano-textured anti-icing surfaces. <i>Chemical Communications</i> , 2018, 54, 8983-8986.	4.1	16
8	Some Theoretical and Experimental Insights on the Mechanistic Routes Leading to the Spontaneous Grafting of Gold Surfaces by Diazonium Salts. <i>Langmuir</i> , 2017, 33, 8730-8738.	3.5	41
9	Regioselective surface functionalization of lithographically designed gold nanorods by plasmon-mediated reduction of aryl diazonium salts. <i>Chemical Communications</i> , 2017, 53, 11364-11367.	4.1	29
10	Grafting of an aluminium surface with organic layers. <i>RSC Advances</i> , 2016, 6, 78369-78377.	3.6	18
11	Surface Organization of Polyoxometalate Hybrids Steered by a 2D Supramolecular PTCDI/Melamine Network. <i>Journal of Physical Chemistry C</i> , 2016, 120, 2837-2845.	3.1	30
12	TiO ₂ nanofibers supported on Ti sheets prepared by hydrothermal corrosion: effect of the microstructure on their photochemical and photoelectrochemical properties. <i>RSC Advances</i> , 2015, 5, 95038-95046.	3.6	8
13	Electron transfer properties of a monolayer of hybrid polyoxometalates on silicon. <i>Journal of Materials Chemistry C</i> , 2015, 3, 6266-6275.	5.5	36
14	Grafting of polymeric platforms on gold by combining the diazonium salt chemistry and the photoiniferter method. <i>Polymer</i> , 2015, 57, 12-20.	3.8	23
15	Powerful Surface Chemistry Approach for the Grafting of Alkyl Multilayers on Aluminum Nanoparticles. <i>Langmuir</i> , 2015, 31, 6092-6098.	3.5	9
16	Water-soluble plasmonic nanosensors with synthetic receptors for label-free detection of folic acid. <i>Chemical Communications</i> , 2015, 51, 9678-9681.	4.1	42
17	Tailoring the Surface Chemistry of Gold Nanorods through Au-C/Ag-C Covalent Bonds Using Aryl Diazonium Salts. <i>Journal of Physical Chemistry C</i> , 2014, 118, 19098-19105.	3.1	54
18	One step synthesis of highly ordered free standing flexible polypyrrole-silver nanocomposite films at air-water interface by photopolymerization. <i>RSC Advances</i> , 2013, 3, 13329.	3.6	56

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19	Preparation of MIP grafts for quercetin by tandem aryl diazonium surface chemistry and photopolymerization. <i>Mikrochimica Acta</i> , 2013, 180, 1411-1419.	5.0	21
20	Grafting polymer-protein bioconjugate to boron-doped diamond using aryl diazonium coupling agents. <i>Diamond and Related Materials</i> , 2013, 40, 60-68.	3.9	17
21	Electrochemical investigation of free-standing polypyrrole-silver nanocomposite films: a substrate free electrode material for supercapacitors. <i>RSC Advances</i> , 2013, 3, 24567.	3.6	55
22	Sensitized Photografting of Diazonium Salts by Visible Light.. <i>Chemistry of Materials</i> , 2013, 25, 90-97.	6.7	61
23	One-step UV-induced modification of cellulose fabrics by polypyrrole/silver nanocomposite films. <i>Journal of Colloid and Interface Science</i> , 2013, 393, 130-137.	9.4	49
24	Photocatalytic activity of TiO ₂ nanofibers sensitized with ZnS quantum dots. <i>RSC Advances</i> , 2013, 3, 2572.	3.6	52
25	Functionalization of Aluminum Nanoparticles Using a Combination of Aryl Diazonium Salt Chemistry and Iniferter Method. <i>Journal of Physical Chemistry C</i> , 2013, 117, 26000-26006.	3.1	56
26	Diazonium Salt-Derived 4-(Dimethylamino)phenyl Groups as Hydrogen Donors in Surface-Confined Radical Photopolymerization for Bioactive Poly(2-hydroxyethyl methacrylate) Grafts. <i>Langmuir</i> , 2012, 28, 8035-8045.	3.5	44