

Luigi Tarpani

List of Publications by Year in descending order

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papers

796
citations

623734

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501196

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37
docs citations

37
times ranked

1509
citing authors

#	ARTICLE	IF	CITATIONS
1	Plasmonic Nanobubbles as Transient Vapor Nanobubbles Generated around Plasmonic Nanoparticles. ACS Nano, 2010, 4, 2109-2123.	14.6	334
2	New Insights on the Incorporation of Lanthanide Ions into Nanosized Layered Double Hydroxides. Inorganic Chemistry, 2012, 51, 13229-13236.	4.0	41
3	Hierarchical Assembly of Nanostructures to Decouple Fluorescence and Photothermal Effect. Journal of Physical Chemistry C, 2011, 115, 21098-21104.	3.1	36
4	Selective internalization of ZnAl-HTlc nanoparticles in normal and tumor cells. A study of their potential use in cellular delivery. Applied Clay Science, 2012, 55, 62-69.	5.2	29
5	Photoactivation of Luminescent Centers in Single SiO ₂ Nanoparticles. Nano Letters, 2016, 16, 4312-4316.	9.1	29
6	Protein Encapsulation in Biodegradable Polymeric Nanoparticles: Morphology, Fluorescence Behaviour and Stem Cell Uptake. Macromolecular Bioscience, 2013, 13, 1204-1212.	4.1	27
7	Spectroscopic Investigation of Interactions of New Potential Anticancer Drugs with DNA and Non-Ionic Micelles. Journal of Physical Chemistry B, 2015, 119, 1483-1495.	2.6	27
8	Synthesis and Characterization of Luminescent Nanoclays. Crystal Growth and Design, 2010, 10, 2847-2850.	3.0	26
9	Silica nanoparticles assisted photodegradation of acridine orange in aqueous suspensions. Applied Catalysis B: Environmental, 2015, 168-169, 363-369.	20.2	25
10	Protein interactions with nanosized hydrotalcites of different composition. Journal of Inorganic Biochemistry, 2012, 106, 134-142.	3.5	23
11	Spectroscopic and Microscopic Studies of Aggregation and Fibrillation of Lysozyme in Water/Ethanol Solutions. Journal of Physical Chemistry B, 2015, 119, 13009-13017.	2.6	21
12	The Influence of Modified Silica Nanomaterials on Adult Stem Cell Culture. Nanomaterials, 2016, 6, 104.	4.1	17
13	New Insights into the Effects of Surface Functionalization on the Peroxidase Activity of Cytochrome <i>c</i> Adsorbed on Silica Nanoparticles. Journal of Physical Chemistry B, 2019, 123, 2567-2575.	2.6	16
14	Effects of Gold Colloids on the Photosensitization Efficiency of Silica Particles Doped with Protoporphyrin IX. ChemPhotoChem, 2017, 1, 553-561.	3.0	15
15	Photoluminescence of a single quantum emitter in a strongly inhomogeneous chemical environment. Physical Chemistry Chemical Physics, 2015, 17, 14994-15000.	2.8	11
16	Spectrophotometric analysis of nickel colloid performances as catalysts for hydrogenation of nitro-phenol: Influence of the stabilizing agents. Catalysis Communications, 2016, 74, 28-32.	3.3	11
17	Plasmonic effects of gold colloids on the fluorescence behavior of dye-doped SiO ₂ nanoparticles. Journal of Luminescence, 2017, 185, 192-199.	3.1	10
18	Effect of metal nanoparticles on the photophysical behaviour of dye-silica conjugates. Photochemical and Photobiological Sciences, 2014, 13, 884-890.	2.9	9

#	ARTICLE	IF	CITATIONS
19	Fluorimetric Studies of a Transmembrane Protein and Its Interactions with Differently Functionalized Silver Nanoparticles. <i>Journal of Physical Chemistry B</i> , 2018, 122, 6872-6879.	2.6	9
20	Experimental evidences on the role of silica nanoparticles surface morphology on the loading, release and activity of three proteins. <i>Microporous and Mesoporous Materials</i> , 2019, 287, 220-227.	4.4	9
21	Nanostructured Biopolymer-based Materials for Regenerative Medicine Applications. <i>Current Organic Chemistry</i> , 2018, 22, 1193-1204.	1.6	9
22	Solid-Phase Analysis of Polycyclic Aromatic Hydrocarbons by Fluorimetric Methods. <i>Applied Spectroscopy</i> , 2011, 65, 1342-1347.	2.2	8
23	Charge transfer dynamics between MPA capped CdTe quantum dots and methyl viologen. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 346, 382-389.	3.9	7
24	Driving the Interactions between Organic Nanoparticles and Phospholipidic Membranes by an Easy Treatment of the Surface Stabilizer. <i>Langmuir</i> , 2013, 29, 11405-11412.	3.5	6
25	Modelling the Optical Properties of Metal Nanoparticles: Analytical vs Finite Elements Simulation. <i>Materials Today: Proceedings</i> , 2015, 2, 161-170.	1.8	6
26	Quaternized styryl-azinium fluorophores as cellular RNA-binders. <i>Photochemical and Photobiological Sciences</i> , 2020, 19, 362-370.	2.9	6
27	Effects of glutathione on the luminescent behavior of CdSe-nanocrystals. <i>Journal of Luminescence</i> , 2020, 226, 117513.	3.1	5
28	Photophysical properties of halo-derivatives of angelicins. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2008, 198, 98-105.	3.9	4
29	A steady-state and time-resolved photophysical study of CdTe quantum dots in water. <i>Photochemical and Photobiological Sciences</i> , 2015, 14, 397-406.	2.9	4
30	UV Treatment of the Stabilizing Shell for Improving the Photostability of Silver Nanoparticles. <i>Journal of Nanomaterials</i> , 2016, 2016, 1-7.	2.7	4
31	Controlled assembly of metal colloids on dye-doped silica particles to tune the photophysical properties of organic molecules. <i>Photochemical and Photobiological Sciences</i> , 2018, 17, 995-1002.	2.9	3
32	AFM Measurements to Investigate Particulates and Their Interactions with Biological Macromolecules. , 2012, , .		2
33	Interactions Between Plasmonic Nanostructures and Proteins. , 2016, , .		2
34	Investigations on organic fluorophore doped silica nanoparticles by apertureless scanning near-field optical microscopy. , 2014, , .		1