

# Luigi Tarpani

## List of Publications by Year in descending order

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34  
papers

796  
citations

623734

14  
h-index

501196

28  
g-index

37  
all docs

37  
docs citations

37  
times ranked

1509  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quaternized styryl-azinium fluorophores as cellular RNA-binders. <i>Photochemical and Photobiological Sciences</i> , 2020, 19, 362-370.	2.9	6
2	Effects of glutathione on the luminescent behavior of CdSe-nanocrystals. <i>Journal of Luminescence</i> , 2020, 226, 117513.	3.1	5
3	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
4	New Insights into the Effects of Surface Functionalization on the Peroxidase Activity of Cytochrome <i>c</i> Adsorbed on Silica Nanoparticles. <i>Journal of Physical Chemistry B</i> , 2019, 123, 2567-2575.	2.6	16
5	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
6	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
7	Nanostructured Biopolymer-based Materials for Regenerative Medicine Applications. <i>Current Organic Chemistry</i> , 2018, 22, 1193-1204.	1.6	9
8	Plasmonic effects of gold colloids on the fluorescence behavior of dye-doped SiO <sub>2</sub> nanoparticles. <i>Journal of Luminescence</i> , 2017, 185, 192-199.	3.1	10
9	Effects of Gold Colloids on the Photosensitization Efficiency of Silica Particles Doped with Protoporphyrin IX. <i>ChemPhotoChem</i> , 2017, 1, 553-561.	3.0	15
10	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
11	Interactions Between Plasmonic Nanostructures and Proteins. , 2016, , .		2
12	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
13	The Influence of Modified Silica Nanomaterials on Adult Stem Cell Culture. <i>Nanomaterials</i> , 2016, 6, 104.	4.1	17
14	Photoactivation of Luminescent Centers in Single SiO <sub>2</sub> Nanoparticles. <i>Nano Letters</i> , 2016, 16, 4312-4316.	9.1	29
15	Spectrophotometric analysis of nickel colloid performances as catalysts for hydrogenation of nitro-phenol: Influence of the stabilizing agents. <i>Catalysis Communications</i> , 2016, 74, 28-32.	3.3	11
16	Silica nanoparticles assisted photodegradation of acridine orange in aqueous suspensions. <i>Applied Catalysis B: Environmental</i> , 2015, 168-169, 363-369.	20.2	25
17	Spectroscopic Investigation of Interactions of New Potential Anticancer Drugs with DNA and Non-Ionic Micelles. <i>Journal of Physical Chemistry B</i> , 2015, 119, 1483-1495.	2.6	27
18	Modelling the Optical Properties of Metal Nanoparticles: Analytical vs Finite Elements Simulation. <i>Materials Today: Proceedings</i> , 2015, 2, 161-170.	1.8	6

#	ARTICLE	IF	CITATIONS
19	Photoluminescence of a single quantum emitter in a strongly inhomogeneous chemical environment. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 14994-15000.	2.8	11
20	Spectroscopic and Microscopic Studies of Aggregation and Fibrillation of Lysozyme in Water/Ethanol Solutions. <i>Journal of Physical Chemistry B</i> , 2015, 119, 13009-13017.	2.6	21
21	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
22	Effect of metal nanoparticles on the photophysical behaviour of dye-silica conjugates. <i>Photochemical and Photobiological Sciences</i> , 2014, 13, 884-890.	2.9	9
23	Investigations on organic fluorophore doped silica nanoparticles by apertureless scanning near-field optical microscopy. , 2014, , .		1
24	Protein Encapsulation in Biodegradable Polymeric Nanoparticles: Morphology, Fluorescence Behaviour and Stem Cell Uptake. <i>Macromolecular Bioscience</i> , 2013, 13, 1204-1212.	4.1	27
25	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
26	New Insights on the Incorporation of Lanthanide Ions into Nanosized Layered Double Hydroxides. <i>Inorganic Chemistry</i> , 2012, 51, 13229-13236.	4.0	41
27	Selective internalization of ZnAl-HTlc nanoparticles in normal and tumor cells. A study of their potential use in cellular delivery. <i>Applied Clay Science</i> , 2012, 55, 62-69.	5.2	29
28	AFM Measurements to Investigate Particulates and Their Interactions with Biological Macromolecules. , 2012, , .		2
29	Protein interactions with nanosized hydroxalcesites of different composition. <i>Journal of Inorganic Biochemistry</i> , 2012, 106, 134-142.	3.5	23
30	Hierarchical Assembly of Nanostructures to Decouple Fluorescence and Photothermal Effect. <i>Journal of Physical Chemistry C</i> , 2011, 115, 21098-21104.	3.1	36
31	Solid-Phase Analysis of Polycyclic Aromatic Hydrocarbons by Fluorimetric Methods. <i>Applied Spectroscopy</i> , 2011, 65, 1342-1347.	2.2	8
32	Plasmonic Nanobubbles as Transient Vapor Nanobubbles Generated around Plasmonic Nanoparticles. <i>ACS Nano</i> , 2010, 4, 2109-2123.	14.6	334
33	Synthesis and Characterization of Luminescent Nanoclays. <i>Crystal Growth and Design</i> , 2010, 10, 2847-2850.	3.0	26
34	Photophysical properties of halo-derivatives of angelicins. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2008, 198, 98-105.	3.9	4