

Giuseppe Caputo

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

21
papers

526
citations

13
h-index

22
g-index

23
ext. papers

549
ext. citations

4.8
avg, IF

2.9
L-index

#	Paper	IF	Citations
21	Highly bright and photostable cyanine dye-doped silica nanoparticles for optical imaging: Photophysical characterization and cell tests. <i>Dyes and Pigments</i> , 2010 , 84, 121-127	4.6	79
20	Biocompatibility, endocytosis, and intracellular trafficking of mesoporous silica and polystyrene nanoparticles in ovarian cancer cells: effects of size and surface charge groups. <i>International Journal of Nanomedicine</i> , 2012 , 7, 4147-58	7.3	78
19	Solvent effect on indocyanine dyes: A computational approach. <i>Chemical Physics</i> , 2006 , 330, 52-59	2.3	50
18	Hybrid Cyanine/Silica Nanoparticles: Homogeneous Photoemission Behavior of Entrapped Fluorophores and Consequent High Brightness Enhancement. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 21048-21053	3.8	35
17	Fluorescent silica nanoparticles improve optical imaging of stem cells allowing direct discrimination between live and early-stage apoptotic cells. <i>Small</i> , 2012 , 8, 3192-200	11	33
16	Molecular Engineering of Hybrid Dye/Silica Fluorescent Nanoparticles: Influence of the Dye Structure on the Distribution of Fluorophores and Consequent Photoemission Brightness. <i>Chemistry of Materials</i> , 2012 , 24, 2792-2801	9.6	33
15	Combined experimental and theoretical investigation of the hemi-squaraine/TiO ₂ interface for dye sensitized solar cells. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 7198-203	3.6	30
14	Novel heptamethine cyanine dyes with large Stokes shift for biological applications in the near infrared. <i>Journal of Fluorescence</i> , 2006 , 16, 221-5	2.4	30
13	Photoactive hybrid nanomaterials: indocyanine immobilized in mesoporous MCM-41 for "in-cell" bioimaging. <i>ACS Applied Materials & Interfaces</i> , 2009 , 1, 678-87	9.5	28
12	Synthesis, Electrochemical and Electrogenerated Chemiluminescence Studies of Ruthenium(II) Bis(2,2'-bipyridyl){2-(4-methylpyridin-2-yl)benzo[d]-X-azole} Complexes. <i>European Journal of Inorganic Chemistry</i> , 2006 , 2006, 2839-2849	2.3	23
11	Bright photoluminescent hybrid mesostructured silica nanoparticles. <i>Physical Chemistry Chemical Physics</i> , 2012 , 14, 10015-21	3.6	18
10	Labeling and exocytosis of secretory compartments in RBL mastocytes by polystyrene and mesoporous silica nanoparticles. <i>International Journal of Nanomedicine</i> , 2012 , 7, 1829-40	7.3	15
9	Primary amino-functionalized N-heterocyclic carbene ligands as support for Au(I)⋯Au(I) interactions: structural, electrochemical, spectroscopic and computational studies of the dinuclear [Au ₂ (NH ₂ (CH ₂) ₂ imMe) ₂][NO ₃] ₂ . <i>Dalton Transactions</i> , 2012 , 41, 2445-55	4.3	14
8	The design, synthesis and characterization of a novel acceptor for real time polymerase chain reaction using both computational and experimental approaches. <i>Dyes and Pigments</i> , 2009 , 83, 111-120	4.6	11
7	An optimized optrode for continuous potassium monitoring in whole blood. <i>Analytica Chimica Acta</i> , 1999 , 401, 129-136	6.6	10
6	The protective effect of the mesoporous host on the photo oxidation of fluorescent guests: a UV-Vis spectroscopy study. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 12172-7	3.6	8
5	Structural characterisation of Nitrazine Yellow by NMR spectroscopy. <i>Dyes and Pigments</i> , 2003 , 57, 87-95	4.6	8

4	Photoactive Ru complex embedded in mesostructured MCM-41 nanoparticles. <i>Journal of Fluorescence</i> , 2011 , 21, 901-9	2.4	7
3	Chemichromic azodye from 2,4-dinitrobenzenediazonium o-benzenedisulfonimide and acid for monitoring blood parameters: structural study and synthesis optimisation. <i>Dyes and Pigments</i> , 2002 , 54, 131-140	4.6	6
2	Fast TiO ₂ Sensitization Using the Semisquaric Acid as Anchoring Group. <i>International Journal of Photoenergy</i> , 2013 , 2013, 1-8	2.1	4
1	Behaviour of fluorescence emission of cyanine dyes, cyanine based fluorescent nanoparticles and CdSe/ZnS quantum dots in water solution upon specific thermal treatments. <i>Journal of Fluorescence</i> , 2011 , 21, 929-36	2.4	4