

# Giuseppe Caputo

## List of Publications by Year in Descending Order

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**Version:** 2024-04-28

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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	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> , <b>2014</b> , 16, 12172-7	3.6	8
20	Combined experimental and theoretical investigation of the hemi-squaraine/TiO <sub>2</sub> interface for dye sensitized solar cells. <i>Physical Chemistry Chemical Physics</i> , <b>2013</b> , 15, 7198-203	3.6	30
19	Fast TiO <sub>2</sub> Sensitization Using the Semisquaric Acid as Anchoring Group. <i>International Journal of Photoenergy</i> , <b>2013</b> , 2013, 1-8	2.1	4
18	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 <sub>2</sub> (NH <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> imMe) <sub>2</sub> ][NO <sub>3</sub> ] <sub>2</sub> . <i>Dalton Transactions</i> , <b>2012</b> , 41, 2445-55	4.3	14
17	Bright photoluminescent hybrid mesostructured silica nanoparticles. <i>Physical Chemistry Chemical Physics</i> , <b>2012</b> , 14, 10015-21	3.6	18
16	Labeling and exocytosis of secretory compartments in RBL mastocytes by polystyrene and mesoporous silica nanoparticles. <i>International Journal of Nanomedicine</i> , <b>2012</b> , 7, 1829-40	7.3	15
15	Fluorescent silica nanoparticles improve optical imaging of stem cells allowing direct discrimination between live and early-stage apoptotic cells. <i>Small</i> , <b>2012</b> , 8, 3192-200	11	33
14	Molecular Engineering of Hybrid DyeSilica Fluorescent Nanoparticles: Influence of the Dye Structure on the Distribution of Fluorophores and Consequent Photoemission Brightness. <i>Chemistry of Materials</i> , <b>2012</b> , 24, 2792-2801	9.6	33
13	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> , <b>2012</b> , 7, 4147-58	7.3	78
12	Photoactive Ru complex embedded in mesostructured MCM-41 nanoparticles. <i>Journal of Fluorescence</i> , <b>2011</b> , 21, 901-9	2.4	7
11	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> , <b>2011</b> , 21, 929-36	2.4	4
10	Highly bright and photostable cyanine dye-doped silica nanoparticles for optical imaging: Photophysical characterization and cell tests. <i>Dyes and Pigments</i> , <b>2010</b> , 84, 121-127	4.6	79
9	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> , <b>2009</b> , 83, 111-120	4.6	11
8	Hybrid CyanineSilica Nanoparticles: Homogeneous Photoemission Behavior of Entrapped Fluorophores and Consequent High Brightness Enhancement. <i>Journal of Physical Chemistry C</i> , <b>2009</b> , 113, 21048-21053	3.8	35
7	Photoactive hybrid nanomaterials: indocyanine immobilized in mesoporous MCM-41 for "in-cell" bioimaging. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2009</b> , 1, 678-87	9.5	28
6	Solvent effect on indocyanine dyes: A computational approach. <i>Chemical Physics</i> , <b>2006</b> , 330, 52-59	2.3	50
5	Synthesis, Electrochemical and Electrogenenerated 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> , <b>2006</b> , 2006, 2839-2849	2.3	23

4	Novel heptamethine cyanine dyes with large Stokes shift for biological applications in the near infrared. <i>Journal of Fluorescence</i> , <b>2006</b> , 16, 221-5	2.4	30
3	Structural characterisation of Nitrazine Yellow by NMR spectroscopy. <i>Dyes and Pigments</i> , <b>2003</b> , 57, 87-95	4.6	8
2	Chemichromic azodye from 2,4-dinitrobenzenediazonium o-benzenedisulfonimide and acid for monitoring blood parameters: structural study and synthesis optimisation. <i>Dyes and Pigments</i> , <b>2002</b> , 54, 131-140	4.6	6
1	An optimized optrode for continuous potassium monitoring in whole blood. <i>Analytica Chimica Acta</i> , <b>1999</b> , 401, 129-136	6.6	10