

Agostina L Capodilupo

List of Publications by Year in descending order

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33
papers

863
citations

567144

15
h-index

477173

29
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33
all docs

33
docs citations

33
times ranked

1342
citing authors

#	ARTICLE	IF	CITATIONS
1	A reassessment of the association between azulene and [60]fullerene. Possible pitfalls in the determination of binding constants through fluorescence spectroscopy. <i>Chemical Communications</i> , 2008, , 4744.	2.2	107
2	Stable Ligand Coordination at the Surface of Colloidal CsPbBr ₃ Nanocrystals. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 3715-3726.	2.1	77
3	Weighting non-covalent forces in the molecular recognition of C60. Relevance of concave-convex complementarity. <i>Chemical Communications</i> , 2008, , 4567.	2.2	71
4	Enhanced Photocatalytic Activity of Pure Anatase TiO ₂ and Pt-TiO ₂ Nanoparticles Synthesized by Green Microwave Assisted Route. <i>Materials Research</i> , 2015, 18, 473-481.	0.6	71
5	Colorless to All-Black Full-NIR High-Contrast Switching in Solid Electrochromic Films Prepared with Organic Mixed Valence Systems Based on Dibenzofulvene Derivatives. <i>Chemistry of Materials</i> , 2018, 30, 5610-5620.	3.2	68
6	[1]Benzothieno[3,2- <i>b</i>]benzothiophene-Based Organic Dyes for Dye-Sensitized Solar Cells. <i>Journal of Organic Chemistry</i> , 2016, 81, 3235-3245.	1.7	52
7	Design and synthesis of fluorenone-based dyes: two-photon excited fluorescent probes for imaging of lysosomes and mitochondria in living cells. <i>Journal of Materials Chemistry B</i> , 2015, 3, 3315-3323.	2.9	50
8	High-Performance Electrofluorochromic Switching Devices Using a Novel Arylamine-Fluorene Redox-Active Fluorophore. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 12202-12208.	4.0	38
9	Facile preparation of TiO ₂ -polyvinyl alcohol hybrid nanoparticles with improved visible light photocatalytic activity. <i>Applied Surface Science</i> , 2015, 331, 292-298.	3.1	37
10	New organic dyes based on a dibenzofulvene bridge for highly efficient dye-sensitized solar cells. <i>Journal of Materials Chemistry A</i> , 2014, 2, 14181-14188.	5.2	31
11	Synthesis and characterization of a new series of dibenzofulvene based organic dyes for DSSCs. <i>Dyes and Pigments</i> , 2016, 130, 79-89.	2.0	26
12	Fluorene-thiophene-substituted organic dyes for dye sensitized solar cells. <i>Journal of Materials Chemistry A</i> , 2013, 1, 11909.	5.2	25
13	A New and Simply Available Class of Hydrosoluble Bioconjugates by Coupling Paclitaxel to Hyaluronic Acid through a 4-Hydroxybutanoic Acid Derived Linker. <i>Helvetica Chimica Acta</i> , 2005, 88, 154-159.	1.0	24
14	Orthogonal electronic coupling in multicentre arylamine mixed-valence compounds based on a dibenzofulvene-thiophene conjugated bridge. <i>Chemical Communications</i> , 2017, 53, 8960-8963.	2.2	19
15	A series of diphenylamine-fluorenone derivatives as potential fluorescent probes for neuroblastoma cell staining. <i>Tetrahedron</i> , 2016, 72, 2920-2928.	1.0	17
16	Arylamino-fluorene derivatives: Optically induced electron transfer investigation, redox-controlled modulation of absorption and fluorescence. <i>Dyes and Pigments</i> , 2020, 177, 108325.	2.0	17
17	Colloidal Bismuth Chalcogenide Nanocrystals. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	17
18	Microwave-Assisted Synthesis of Boron-Modified TiO ₂ Nanocrystals. <i>Inorganics</i> , 2014, 2, 264-277.	1.2	14

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19	Thiophene-based fluorescent probes with low cytotoxicity and high photostability for lysosomes in living cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2015, 1850, 385-392.	1.1	14
20	Metalloporphyrins as molecular precursors of electroactive hybrids: A characterization of their actual electronic states on Si(100) and (111) by AFM and XPS. <i>Materials Science and Engineering C</i> , 2007, 27, 1351-1354.	3.8	12
21	Mixed-Valence Compounds as a New Route for Electrochromic Devices with High Coloration Efficiency in the Whole Vis-NIR Region. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 8372.	1.3	12
22	Synthesis of Ultrafine Anatase Titanium Dioxide (TiO ₂) Nanocrystals by the Microwave-Solvothermal Method. <i>Journal of Nanoengineering and Nanomanufacturing</i> , 2014, 4, 28-32.	0.3	10
23	Efficient, Green Non-Aqueous Microwave-Assisted Synthesis of Anatase TiO ₂ and Pt Loaded TiO ₂ Nanorods with High Photocatalytic Performance. <i>Nanomaterials and Nanotechnology</i> , 2015, 5, 31.	1.2	8
24	Effects of donor position on dibenzofulvene-based organic dyes for photovoltaics. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 8694-8707.	1.1	8
25	Photodynamic activity of thiophene-derived lysosome-specific dyes. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 158, 16-22.	1.7	7
26	Control of Electron Transfer Processes in Multidimensional Arylamine-Based Mixed-Valence Compounds by Molecular Backbone Design. <i>Journal of Physical Chemistry A</i> , 2021, 125, 7840-7851.	1.1	7
27	Synthesis and photovoltaic performance of dibenzofulvene-based organic sensitizers for DSSC. <i>Tetrahedron</i> , 2016, 72, 5788-5797.	1.0	5
28	Colloidal Bismuth Chalcogenide Nanocrystals. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	5
29	Correlating the chemical structure and charge transport ability of dibenzofulvene-based hole transporting materials for stable perovskite solar cells. <i>Journal of Materials Chemistry C</i> , 2022, 10, 5981-5993.	2.7	4
30	UiO-67-derived bithiophene and bithiazole MIXMOFs for luminescence sensing and removal of contaminants of emerging concern in wastewater. <i>Inorganic Chemistry Frontiers</i> , 2021, 9, 90-102.	3.0	3
31	Synthesis and Investigation of Electro-Optical Properties of H-Shape Dibenzofulvene Derivatives. <i>Molecules</i> , 2022, 27, 1091.	1.7	3
32	Tailoring of the self-assembled structures and optical waveguide behaviour of arylaminofluorenone derivatives. <i>Dyes and Pigments</i> , 2019, 171, 107780.	2.0	2
33	Studies of novel trifluoroacetylated diaryl hydrazone molecular photoswitches in solution and in the solid state. <i>New Journal of Chemistry</i> , 2021, 45, 12471-12478.	1.4	2