

Patrizio Salice

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,089
citations

623734

14
h-index

713466

21
g-index

22
all docs

22
docs citations

22
times ranked

1953
citing authors

#	ARTICLE	IF	CITATIONS
1	Squaraine Compounds: Tailored Design and Synthesis towards a Variety of Material Science Applications. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 1207-1225.	2.4	292
2	Carbon nanotubes and organic solar cells. <i>Energy and Environmental Science</i> , 2012, 5, 5919-5940.	30.8	158
3	Assessment of Water-Soluble Γ -Extended Squaraines as One- and Two-Photon Singlet Oxygen Photosensitizers: Design, Synthesis, and Characterization. <i>Journal of the American Chemical Society</i> , 2008, 130, 1894-1902.	13.7	152
4	An insight into the functionalisation of carbon nanotubes by diazonium chemistry: Towards a controlled decoration. <i>Carbon</i> , 2014, 74, 73-82.	10.3	61
5	Photophysics of Squaraine Dyes: Role of Charge-Transfer in Singlet Oxygen Production and Removal. <i>Journal of Physical Chemistry A</i> , 2010, 114, 2518-2525.	2.5	57
6	Indolic Squaraines as Two-Photon Absorbing Dyes in the Visible Region: X-ray Structure, Electrochemical, and Nonlinear Optical Characterization. <i>Chemistry of Materials</i> , 2008, 20, 3242-3244.	6.7	56
7	Enhanced neuronal cell differentiation combining biomimetic peptides and a carbon nanotube-polymer scaffold. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015, 11, 621-632.	3.3	39
8	Electronic Interactions between α -Pea and α -Pod: The Case of Oligothiophenes Encapsulated in Carbon Nanotubes. <i>Small</i> , 2011, 7, 1807-1815.	10.0	37
9	Photooxidation and Phototoxicity of Γ -Extended Squaraines. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 2188-2196.	6.4	34
10	Sensitization of Nanocrystalline TiO_2 with Multibranching Organic Dyes and Co(III)/(II) Mediators: Strategies to Improve Charge Collection Efficiency. <i>Journal of Physical Chemistry C</i> , 2013, 117, 19885-19896.	3.1	34
11	Covalent functionalization enables good dispersion and anisotropic orientation of multi-walled carbon nanotubes in a poly(L-lactic acid) electrospun nanofibrous matrix boosting neuronal differentiation. <i>Carbon</i> , 2015, 95, 725-730.	10.3	34
12	The continuous-flow cycloaddition of azomethine ylides to carbon nanotubes. <i>Chemical Communications</i> , 2011, 47, 9092.	4.1	30
13	Noncovalent Interaction between Single-Walled Carbon Nanotubes and Pyrene-Functionalized Gold Nanoparticles in Water-Soluble Nanohybrids. <i>Journal of Physical Chemistry C</i> , 2014, 118, 27028-27038.	3.1	27
14	On the trade-off between processability and opto-electronic properties of single wall carbon nanotube derivatives in thin film heterojunctions. <i>Journal of Materials Chemistry C</i> , 2015, 3, 303-312.	5.5	20
15	A fulleropyrrolidine-squaraine blue dyad: synthesis and application as an organic light detector. <i>Journal of Materials Chemistry C</i> , 2014, 2, 1396-1399.	5.5	14
16	Chemistry of Carbon Nanotubes in Flow. <i>Journal of Flow Chemistry</i> , 2014, 4, 79-85.	1.9	14
17	Thiophene pyrenyl derivatives for the supramolecular processability of single-walled carbon nanotubes in thin film heterojunction. <i>Synthetic Metals</i> , 2017, 229, 7-15.	3.9	14
18	Synthesis and characterisation of a trithiocarbonate for the decoration of carbon nanostructures. <i>Chemical Communications</i> , 2013, 49, 8048.	4.1	9

#	ARTICLE	IF	CITATIONS
19	Synthesis and Electronic Properties of 1,2-Hemisquarimines and Their Encapsulation in a Cucurbit[7]uril Host. Chemistry - A European Journal, 2014, 20, 6412-6420.	3.3	4
20	Photoactive film by covalent immobilization of a bacterial photosynthetic protein on reduced graphene oxide surface. Materials Research Society Symposia Proceedings, 2015, 1717, 12.	0.1	2
21	Bis-pyridinium quadrupolar derivatives. High Stokes shift selective probes for bio-imaging. Organic Photonics and Photovoltaics, 2013, 1, .	1.3	1