

Simone Galliano

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

1,015
citations

567281

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752698

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22
docs citations

22
times ranked

1606
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrogel Electrolytes Based on Xanthan Gum: Green Route towards Stable Dye-Sensitized Solar Cells. <i>Nanomaterials</i> , 2020, 10, 1585.	4.1	103
2	Approaching truly sustainable solar cells by the use of water and cellulose derivatives. <i>Green Chemistry</i> , 2017, 19, 1043-1051.	9.0	98
3	Cobalt-Based Electrolytes for Dye-Sensitized Solar Cells: Recent Advances towards Stable Devices. <i>Energies</i> , 2016, 9, 384.	3.1	97
4	Unveiling iodine-based electrolytes chemistry in aqueous dye-sensitized solar cells. <i>Chemical Science</i> , 2016, 7, 4880-4890.	7.4	90
5	Finely tuning electrolytes and photoanodes in aqueous solar cells by experimental design. <i>Solar Energy</i> , 2018, 163, 251-255.	6.1	90
6	Polymethine Dyes in Hybrid Photovoltaics: Structure–Properties Relationships. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 2244-2259.	2.4	84
7	Boosting the efficiency of aqueous solar cells: A photoelectrochemical estimation on the effectiveness of TiCl ₄ treatment. <i>Electrochimica Acta</i> , 2019, 302, 31-37.	5.2	81
8	Photoanode/Electrolyte Interface Stability in Aqueous Dye-Sensitized Solar Cells. <i>Energy Technology</i> , 2017, 5, 300-311.	3.8	68
9	Tuning optical and electronic properties in novel carbazole photosensitizers for p-type dye-sensitized solar cells. <i>Electrochimica Acta</i> , 2018, 292, 805-816.	5.2	67
10	Xanthan-Based Hydrogel for Stable and Efficient Quasi-Solid Truly Aqueous Dye-Sensitized Solar Cell with Cobalt Mediator. <i>Solar Rrl</i> , 2021, 5, 2000823.	5.8	65
11	Panchromatic symmetrical squaraines: a step forward in the molecular engineering of low cost blue-greenish sensitizers for dye-sensitized solar cells. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 24173-24177.	2.8	41
12	Near-infrared emitting single squaraine dye aggregates with large Stokes shifts. <i>Journal of Materials Chemistry C</i> , 2017, 5, 7732-7738.	5.5	32
13	Dicyanovinyl and Cyano-Ester Benzoindolenine Squaraine Dyes: The Effect of the Central Functionalization on Dye-Sensitized Solar Cell Performance. <i>Energies</i> , 2016, 9, 486.	3.1	25
14	Excited state photophysics of squaraine dyes for photovoltaic applications: an alternative deactivation scenario. <i>Journal of Materials Chemistry C</i> , 2018, 6, 2778-2785.	5.5	25
15	Xanthan-Based Hydrogel for Stable and Efficient Quasi-Solid Truly Aqueous Dye-Sensitized Solar Cell with Cobalt Mediator. <i>Solar Rrl</i> , 2021, 5, 2170074.	5.8	16
16	Novel Thienyl DPP derivatives Functionalized with Terminal Electron-Acceptor Groups: Synthesis, Optical Properties and OFET Performance. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	15
17	Fluorescent trifluoromethylated imidazo[1,5-a]pyridines and their application in luminescent down-shifting conversion. <i>Journal of Luminescence</i> , 2022, 242, 118529.	3.1	8
18	Rationalization of TS-1 synthesis through the design of experiments. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 3372-3383.	6.0	5

#	ARTICLE	IF	CITATIONS
19	Spectroscopic investigation of squaraine dyes. Proceedings of SPIE, 2017, , .	0.8	4
20	Near Infra-Red Dyes in Dye-Sensitized Solar Cells: from Panchromatic Absorption to Completely Transparent DSSCs. , 0, , .		0