Pierpaolo Minei

List of Publications by Year
in descending order

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20 papers	348 citations	840776 11 h-index	794594 19 g-index
20 all docs	20 docs citations	20 times ranked	483 citing authors

#	Article	IF	Citations
1	Reversible vapochromic response of polymer films doped with a highly emissive molecular rotor. Journal of Materials Chemistry C, 2014, 2, 9224-9232.	5.5	48
2	Fluorescent Polystyrene Films for the Detection of Volatile Organic Compounds Using the Twisted Intramolecular Charge Transfer Mechanism. Molecules, 2017, 22, 1306.	3.8	37
3	Cost-effective solar concentrators based on red fluorescent Zn(<scp>ii</scp>)â€“salicylaldiminato complex. RSC Advances, 2016, 6, 17474-17482.	3.6	34
4	â€œN-alkyl diketopyrrolopyrrole-based fluorophores for luminescent solar concentrators: Effect of the alkyl chain on dye efficiencyâ€. Dyes and Pigments, 2016, 135, 154-162.	3.7	32
5	Colourless p -phenylene-spaced bis-azoles for luminescent concentrators. Dyes and Pigments, 2016, 134, 118-128.	3.7	23
6	Fluorescent vapochromism in synthetic polymers. Polymer International, 2016, 65, 609-620.	3.1	23
7	Vapochromic features of new luminogens based on julolidine-containing styrene copolymers. Faraday Discussions, 2017, 196, 113-129.	3.2	22
8	Aggregation Effects on Pigment Coatings: Pigment Red 179 as a Case Study. ACS Omega, 2019, 4, 20315-20323.	3.5	18
9	Structural order and NIR reflective properties of perylene bisimide pigments: Experimental evidences from a combined multi-technique study. Dyes and Pigments, 2020, 179, 108401.	3.7	16
10	Synthesis and Optical Properties of Imidazoleâ€Based Fluorophores having High Quantum Yields. ChemPlusChem, 2014, 79, 366-370.	2.8	13
11	Toward the design of alkynylimidazole fluorophores: computational and experimental characterization of spectroscopic features in solution and in poly(methyl methacrylate). Physical Chemistry Chemical Physics, 2015, 17, 26710-26723.	2.8	13
12	Light-Responsive Polystyrene Films Doped with Tailored Heteroaromatic-Based Fluorophores. ACS Macro Letters, 2013, 2, 317-321.	4.8	12
13	Tuning of dye optical properties by environmental effects: a QM/MM and experimental study. Physical Chemistry Chemical Physics, 2016, 18, 9724-9733.	2.8	11
14	Vapochromic behavior of polycarbonate films doped with a luminescent molecular rotor. Polymers for Advanced Technologies, 2016, 27, 429-435.	3.2	10
15	Solar collectors based on luminescent 2,5-diarylimidazoles. Dyes and Pigments, 2018, 157, 334-341.	3.7	8
16	Luminescent Solar Concentrators from Waterborne Polymer Coatings. Coatings, 2020, 10, 655.	2.6	8
17	Molecular Rotors with Aggregation-Induced Emission (AIE) as Fluorescent Probes for the Control of Polyurethane Synthesis. Chemosensors, 2021, 9, 3.	3.6	7
18	Mechanochromic LLDPE Films Doped with NIR Reflective Paliogen Black. Macromolecular Rapid Communications, 2021, 42, e2000426.	3.9	6

#	Article	IF	Citations
19	Highly selective vapochromic fluorescence of polycarbonate films Doped with an ICTâ€Based solvatochromic probe. Journal of Polymer Science, Part B: Polymer Physics, 2017, 55, 1171-1180.	2.1	5
20	Nanoporous-crystalline and amorphous films of PPO including off-on vapochromic fluorescent 7-hydroxy coumarin guests. Polymer, 2022, 249, 124833.	3.8	2