

# Claudio Roscini

## List of Publications by Year in descending order

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27  
papers

565  
citations

623734

14  
h-index

642732

23  
g-index

29  
all docs

29  
docs citations

29  
times ranked

796  
citing authors

#	ARTICLE	IF	CITATIONS
1	Temperature-Controlled Switchable Photochromism in Solid Materials. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15044-15048.	13.8	58
2	Solid Materials with Tunable Reverse Photochromism. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 11884-11892.	8.0	54
3	Highly transparent photochromic films with a tunable and fast solution-like response. <i>Materials Horizons</i> , 2020, 7, 2749-2759.	12.2	40
4	Switchable colloids, thin-films and interphases based on metal complexes with non-innocent ligands: the case of valence tautomerism and their applications. <i>Journal of Materials Chemistry C</i> , 2016, 4, 5879-5889.	5.5	37
5	Thermally Switchable Molecular Upconversion Emission. <i>Chemistry of Materials</i> , 2016, 28, 738-745.	6.7	34
6	Reaction Control in Synthetic Organic Photochemistry: Switching between [5+2] and [2+2] Modes of Cycloaddition. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 8716-8720.	13.8	32
7	Off/On Fluorescent Nanoparticles for Tunable High-Temperature Threshold Sensing. <i>Advanced Functional Materials</i> , 2018, 28, 1801492.	14.9	31
8	Shape Memory Polyurethane Microcapsules with Active Deformation. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 47059-47064.	8.0	31
9	Color-Tunable White-Light-Emitting Materials Based on Liquid-Filled Capsules and Thermally Responsive Dyes. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 17751-17758.	8.0	28
10	Water-Stable Carborane-Based Eu <sup>3+</sup> /Tb <sup>3+</sup> Metal-Organic Frameworks for Tunable Time-Dependent Emission Color and Their Application in Anticounterfeiting Bar-Coding. <i>Chemistry of Materials</i> , 2022, 34, 4795-4808.	6.7	27
11	Liquid-Filled Capsules as Fast Responsive Photochromic Materials. <i>Advanced Optical Materials</i> , 2013, 1, 631-636.	7.3	26
12	Synthesis and characterization of perylene nanoparticles. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2006, 203, 1470-1475.	1.8	23
13	Temperature-Controlled Switchable Photochromism in Solid Materials. <i>Angewandte Chemie</i> , 2016, 128, 15268-15272.	2.0	22
14	Liquid-Filled Valence Tautomeric Microcapsules: A Solid Material with Solution-Like Behavior. <i>Advanced Functional Materials</i> , 2015, 25, 4129-4134.	14.9	17
15	Thermoresponsive multicolor-emissive materials based on solid lipid nanoparticles. <i>Materials Horizons</i> , 2021, 8, 3043-3054.	12.2	14
16	Product Selection through Photon Flux: Laser-Specific Lactone Synthesis. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 2283-2286.	13.8	13
17	Photochromism of dihydroazulene-based polymeric thin films. <i>Dyes and Pigments</i> , 2017, 145, 359-364.	3.7	12
18	Solvent-Tuned Supramolecular Assembly of Fluorescent Catechol/Pyrene Amphiphilic Molecules. <i>Chemistry - A European Journal</i> , 2018, 24, 14724-14732.	3.3	9

#	ARTICLE	IF	CITATIONS
19	Solid Materials with Near-Infrared-Induced Fluorescence Modulation. <i>Advanced Optical Materials</i> , 2020, 8, 2001063.	7.3	8
20	Encapsulation and sedimentation of nanomaterials through complex coacervation. <i>Journal of Colloid and Interface Science</i> , 2021, 589, 500-510.	9.4	8
21	Sonochemical Synthesis of Optically Tuneable Conjugated Polymer Nanoparticles. <i>Particle and Particle Systems Characterization</i> , 2018, 35, 1700322.	2.3	6
22	Molecular-based upconversion in homo/heterogeneous liquids and in micro/nanostructured solid materials. <i>Dalton Transactions</i> , 2018, 47, 8557-8565.	3.3	6
23	Thermal Control of Intermolecular Interactions and Tuning of Fluorescent-State Energies. <i>Journal of Physical Chemistry C</i> , 2019, 123, 4632-4637.	3.1	6
24	Multimodal Fluorescence Switching Materials: One Dye to Have Them All. <i>Advanced Optical Materials</i> , 2022, 10, .	7.3	5
25	Photoactivable Ruthenium-Based Coordination Polymer Nanoparticles for Light-Induced Chemotherapy. <i>Nanomaterials</i> , 2021, 11, 3089.	4.1	4
26	Luminescence Enhancement of Organic Nanoparticles Induced by Photocrosslinking. <i>ChemPhysChem</i> , 2010, 11, 3089-3092.	2.1	3
27	Tunable Thermofluorochromic Sensors Based on Conjugated Polymers. <i>Advanced Optical Materials</i> , 2022, 10, .	7.3	2