

Claudia Carlucci

List of Publications by Year in descending order

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times ranked

1325
citing authors

#	ARTICLE	IF	CITATIONS
1	An Overview on the Production of Biodiesel Enabled by Continuous Flow Methodologies. <i>Catalysts</i> , 2022, 12, 717.	3.5	16
2	N ⁺ N Bond Formation Using an Iodonitrene as an Umpolung of Ammonia: Straightforward and Chemoselective Synthesis of Hydrazinium Salts. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 194-199.	4.3	18
3	A Focus on the Transformation Processes for the Valorization of Glycerol Derived from the Production Cycle of Biofuels. <i>Catalysts</i> , 2021, 11, 280.	3.5	13
4	Synthesis of glycosyl sulfoximines by a highly chemo- and stereoselective NH- and O-transfer to thioglycosides. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 3893-3897.	2.8	12
5	Development of a continuous flow synthesis of propranolol: tackling a competitive side reaction. <i>Journal of Flow Chemistry</i> , 2019, 9, 231-236.	1.9	7
6	A Study of Graphene-Based Copper Catalysts: Copper(I) Nanoplatelets for Batch and Continuous-Flow Applications. <i>Chemistry - an Asian Journal</i> , 2019, 14, 3011-3018.	3.3	9
7	Stereo- and Enantioselective Addition of Organolithiums to 2-Oxazolinylazetidines as a Synthetic Route to 2-Acylazetidines. <i>Frontiers in Chemistry</i> , 2019, 7, 614.	3.6	7
8	Straightforward chemo- and stereoselective fluorocyclopropanation of allylic alcohols: exploiting the electrophilic nature of the not so elusive fluoriodomethylithium. <i>Chemical Communications</i> , 2019, 55, 8430-8433.	4.1	38
9	Benchmarking Acidic and Basic Catalysis for a Robust Production of Biofuel from Waste Cooking Oil. <i>Catalysts</i> , 2019, 9, 1050.	3.5	7
10	Titanium Dioxide as a Catalyst in Biodiesel Production. <i>Catalysts</i> , 2019, 9, 75.	3.5	65
11	Targeting a Mirabegron precursor by BH ₃ -mediated continuous flow reduction process. <i>Catalysis Today</i> , 2018, 308, 81-85.	4.4	3
12	Supported Catalysts for Continuous Flow Synthesis. <i>Topics in Current Chemistry</i> , 2018, 376, 46.	5.8	39
13	1,3-Dibromo-1,1-difluoro-2-propanone as a Useful Synthon for a Chemoselective Preparation of 4-Bromodifluoromethyl Thiazoles. <i>ACS Omega</i> , 2018, 3, 14841-14848.	3.5	8
14	Use of Hypervalent Iodine in the Synthesis of Isomeric Dihydrooxazoles. <i>Chemistry of Heterocyclic Compounds</i> , 2018, 54, 428-436.	1.2	6
15	Scalable production of calcite nanocrystals by atomization process: Synthesis, characterization and biological interactions study. <i>Advanced Powder Technology</i> , 2017, 28, 2445-2455.	4.1	8
16	Synthesis of NH-sulfoximines from sulfides by chemoselective one-pot N- and O-transfers. <i>Chemical Communications</i> , 2017, 53, 348-351.	4.1	136
17	A greener and efficient access to substituted four- and six-membered sulfur-bearing heterocycles. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 5000-5015.	2.8	21
18	A direct and sustainable synthesis of tertiary butyl esters enabled by flow microreactors. <i>Chemical Communications</i> , 2016, 52, 9554-9557.	4.1	28

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19	Surface reactivity and in vitro toxicity on human bronchial epithelial cells (BEAS-2B) of nanomaterials intermediates of the production of titania-based composites. <i>Toxicology in Vitro</i> , 2016, 34, 171-178.	2.4	10
20	A convenient enantioselective CBS-reduction of arylketones in flow-microreactor systems. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 4304-4311.	2.8	26
21	Exploiting structural and conformational effects for a site-selective lithiation of azetidines. <i>Pure and Applied Chemistry</i> , 2016, 88, 631-648.	1.9	11
22	Flow technology for organometallic-mediated synthesis. <i>Journal of Flow Chemistry</i> , 2016, 6, 136-166.	1.9	54
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.	3.0	8
24	Interaction between Human Serum Albumin and Different Anatase TiO ₂ Nanoparticles: A Nano-bio Interface Study. <i>Nanomaterials and Nanotechnology</i> , 2015, 5, 30.	3.0	21
25	Properties of Aluminosilicate Refractories with Synthesized Boron-Modified TiO ₂ Nanocrystals. <i>Nanomaterials and Nanotechnology</i> , 2015, 5, 8.	3.0	9
26	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.	1.3	71
27	Properties of Nanocrystals-Formulated Aluminosilicate Bricks. <i>Nanomaterials and Nanotechnology</i> , 2015, 5, 28.	3.0	4
28	Facile preparation of TiO ₂ -polyvinyl alcohol hybrid nanoparticles with improved visible light photocatalytic activity. <i>Applied Surface Science</i> , 2015, 331, 292-298.	6.1	37
29	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.	2.4	14
30	Microwave-Assisted Synthesis of Boron-Modified TiO ₂ Nanocrystals. <i>Inorganics</i> , 2014, 2, 264-277.	2.7	14
31	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.	10.3	31
32	Selective synthesis of TiO ₂ nanocrystals with morphology control with the microwave-solvothermal method. <i>CrystEngComm</i> , 2014, 16, 1817.	2.6	27
33	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
34	Controllable One-Pot Synthesis of Anatase TiO ₂ Nanorods with the Microwave-Solvothermal Method. <i>Science of Advanced Materials</i> , 2014, 6, 1668-1675.	0.7	15
35	Fluorine-thiophene-substituted organic dyes for dye sensitized solar cells. <i>Journal of Materials Chemistry A</i> , 2013, 1, 11909.	10.3	25
36	Nonhydrolytic Route to Boron-Doped TiO ₂ Nanocrystals. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 364-374.	2.0	19

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37	Terminal oxazolinoyloxiranes: synthesis, reaction with amines and regioselective $\hat{1}^2$ -lithiation. Tetrahedron, 2009, 65, 8745-8755.	1.9	12
38	Synthesis and Functionalisation of 2,3-Diheterocycle-Substituted Aziridines. European Journal of Organic Chemistry, 2006, 2006, 775-781.	2.4	16
39	Lithiation of optically active oxazolinoyloxiranes: configurational stability. Tetrahedron, 2003, 59, 9707-9712.	1.9	15