Claudia Carlucci

List of Publications by Year
in descending order

39 papers	890 citations	516710 16 h-index	477307 29 g-index
41 all docs	41 docs citations	41 times ranked	1325 citing authors

#	Article	IF	Citations
1	Synthesis of NH-sulfoximines from sulfides by chemoselective one-pot N- and O-transfers. Chemical Communications, 2017, 53, 348-351.	4.1	136
2	Enhanced Photocatalytic Activity of Pure Anatase Tio2 and Pt-Tio2 Nanoparticles Synthesized by Green Microwave Assisted Route. Materials Research, 2015, 18, 473-481.	1.3	71
3	Titanium Dioxide as a Catalyst in Biodiesel Production. Catalysts, 2019, 9, 75.	3.5	65
4	Flow technology for organometallic-mediated synthesis. Journal of Flow Chemistry, 2016, 6, 136-166.	1.9	54
5	Supported Catalysts for Continuous Flow Synthesis. Topics in Current Chemistry, 2018, 376, 46.	5.8	39
6	Straightforward chemo- and stereoselective fluorocyclopropanation of allylic alcohols: exploiting the electrophilic nature of the not so elusive fluoroiodomethyllithium. Chemical Communications, 2019, 55, 8430-8433.	4.1	38
7	Facile preparation of TiO2â€“polyvinyl alcohol hybrid nanoparticles with improved visible light photocatalytic activity. Applied Surface Science, 2015, 331, 292-298.	6.1	37
8	New organic dyes based on a dibenzofulvene bridge for highly efficient dye-sensitized solar cells. Journal of Materials Chemistry A, 2014, 2, 14181-14188.	10.3	31
9	A direct and sustainable synthesis of tertiary butyl esters enabled by flow microreactors. Chemical Communications, 2016, 52, 9554-9557.	4.1	28
10	Selective synthesis of TiO2 nanocrystals with morphology control with the microwave-solvothermal method. CrystEngComm, 2014, 16, 1817.	2.6	27
11	A convenient enantioselective CBS-reduction of arylketones in flow-microreactor systems. Organic and Biomolecular Chemistry, 2016, 14, 4304-4311.	2.8	26
12	Fluorineâ€“thiophene-substituted organic dyes for dye sensitized solar cells. Journal of Materials Chemistry A, 2013, 1, 11909.	10.3	25
13	Interaction between Human Serum Albumin and Different Anatase TiO₂ Nanoparticles: A Nano-bio Interface Study. Nanomaterials and Nanotechnology, 2015, 5, 30.	3.0	21
14	A greener and efficient access to substituted four- and six-membered sulfur-bearing heterocycles. Organic and Biomolecular Chemistry, 2017, 15, 5000-5015.	2.8	21
15	Nonhydrolytic Route to Boronâ€Doped TiO₂ Nanocrystals. European Journal of Inorganic Chemistry, 2013, 2013, 364-374.	2.0	19
16	Nâˆ’N Bond Formation Using an Iodonitrene as an Umpolung of Ammonia: Straightforward and Chemoselective Synthesis of Hydrazinium Salts. Advanced Synthesis and Catalysis, 2021, 363, 194-199.	4.3	18
17	Synthesis and Functionalisation of 2,3-Diheterocycle-Substituted Aziridines. European Journal of Organic Chemistry, 2006, 2006, 775-781.	2.4	16
18	An Overview on the Production of Biodiesel Enabled by Continuous Flow Methodologies. Catalysts, 2022, 12, 717.	3.5	16

#	Article	IF	Citations
19	Lithiation of optically active oxazolinyloxiranes: configurational stability. Tetrahedron, 2003, 59, 9707-9712.	1.9	15
20	Controllable One-Pot Synthesis of Anatase TiO2 Nanorods with the Microwave-Solvothermal Method. Science of Advanced Materials, 2014, 6, 1668-1675.	0.7	15
21	Microwave-Assisted Synthesis of Boron-Modified TiO2 Nanocrystals. Inorganics, 2014, 2, 264-277.	2.7	14
22	Thiophene-based fluorescent probes with low cytotoxicity and high photostability for lysosomes in living cells. Biochimica Et Biophysica Acta - General Subjects, 2015, 1850, 385-392.	2.4	14
23	A Focus on the Transformation Processes for the Valorization of Glycerol Derived from the Production Cycle of Biofuels. Catalysts, 2021, 11, 280.	3.5	13
24	Terminal oxazolinyloxiranes: synthesis, reaction with amines and regioselective Î²-lithiation. Tetrahedron, 2009, 65, 8745-8755.	1.9	12
25	Synthesis of glycosyl sulfoximines by a highly chemo- and stereoselective NH- and O-transfer to thioglycosides. Organic and Biomolecular Chemistry, 2020, 18, 3893-3897.	2.8	12
26	Exploiting structural and conformational effects for a site-selective lithiation of azetidines. Pure and Applied Chemistry, 2016, 88, 631-648.	1.9	11
27	Surface reactivity and in vitro toxicity on human bronchial epithelial cells (BEAS-2B) of nanomaterials intermediates of the production of titania-based composites. Toxicology in Vitro, 2016, 34, 171-178.	2.4	10
28	Synthesis of Ultrafine Anatase Titanium Dioxide (TiO₂) Nanocrystals by the Microwave-Solvothermal Method. Journal of Nanoengineering and Nanomanufacturing, 2014, 4, 28-32.	0.3	10
29	Properties of Aluminosilicate Refractories with Synthesized Boron-Modified TiO2 Nanocrystals. Nanomaterials and Nanotechnology, 2015, 5, 8.	3.0	9
30	A Study of Grapheneâ€Based Copper Catalysts: Copper(I) Nanoplatelets for Batch and Continuousâ€Flow Applications. Chemistry - an Asian Journal, 2019, 14, 3011-3018.	3.3	9
31	Efficient, Green Non-Aqueous Microwave-Assisted Synthesis of Anatase TiO2 and Pt Loaded TiO2 Nanorods with High Photocatalytic Performance. Nanomaterials and Nanotechnology, 2015, 5, 31.	3.0	8
32	Scalable production of calcite nanocrystals by atomization process: Synthesis, characterization and biological interactions study. Advanced Powder Technology, 2017, 28, 2445-2455.	4.1	8
33	1,3-Dibromo-1,1-difluoro-2-propanone as a Useful Synthon for a Chemoselective Preparation of 4-Bromodifluoromethyl Thiazoles. ACS Omega, 2018, 3, 14841-14848.	3.5	8
34	Development of a continuous flow synthesis of propranolol: tackling a competitive side reaction. Journal of Flow Chemistry, 2019, 9, 231-236.	1.9	7
35	Stereo- and Enantioselective Addition of Organolithiums to 2-Oxazolinylazetidines as a Synthetic Route to 2-Acylazetidines. Frontiers in Chemistry, 2019, 7, 614.	3.6	7
36	Benchmarking Acidic and Basic Catalysis for a Robust Production of Biofuel from Waste Cooking Oil. Catalysts, 2019, 9, 1050.	3.5	7

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37	Use of Hypervalent Iodine in the Synthesis of Isomeric Dihydrooxazoles. Chemistry of Heterocyclic Compounds, 2018, 54, 428-436.	1.2	6
38	Properties of Nanocrystals-Formulated Aluminosilicate Bricks. Nanomaterials and Nanotechnology, 2015, 5, 28.	3.0	4
39	Targeting a Mirabegron precursor by BH3-mediated continuous flow reduction process. Catalysis Today, 2018, 308, 81-85.	4.4	3