

Carolina S Marques

List of Publications by Year in descending order

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38
papers

1,259
citations

471371

17
h-index

360920

35
g-index

50
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50
docs citations

50
times ranked

1679
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of chromane derivatives: Promising privileged scaffolds for lead discovery within Alzheimer's disease. <i>Bioorganic and Medicinal Chemistry</i> , 2022, 68, 116807.	1.4	5
2	1,2,3-Triazole-isatin derivatives: anti-proliferation effects and target identification in solid tumour cell lines. <i>RSC Medicinal Chemistry</i> , 2022, 13, 970-977.	1.7	6
3	The application of isatin-based multicomponent-reactions in the quest for new bioactive and druglike molecules. <i>European Journal of Medicinal Chemistry</i> , 2021, 211, 113102.	2.6	72
4	Engaging Isatins in Multicomponent Reactions (MCRs) – Easy Access to Structural Diversity. <i>Chemical Record</i> , 2021, 21, 924-1037.	2.9	29
5	Petasis adducts of tryptanthrin – synthesis, biological activity evaluation and druglikeness assessment. <i>New Journal of Chemistry</i> , 2021, 45, 14633-14649.	1.4	8
6	Ambipolar pentacyclic diamides with interesting electrochemical and optoelectronic properties. <i>Chemical Communications</i> , 2020, 56, 14893-14896.	2.2	0
7	N-1,2,3-triazole-isatin derivatives for cholinesterase and β -amyloid aggregation inhibition: A comprehensive bioassay study. <i>Bioorganic Chemistry</i> , 2020, 98, 103753.	2.0	32
8	Accessing New 5-Substituted (3,3-Disubstituted Oxindole)-Benzylamine Derivatives from Isatin: Stereoselective Organocatalytic Three Component Petasis Reaction. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 3622-3634.	1.2	9
9	Pd-Catalyzed One-Pot Borylation/Intramolecular Asymmetric Arylation on β -Ketiminoamides: Innovative Approach to Chiral 3-Amino-2-oxindoles. <i>Synlett</i> , 2018, 29, 497-502.	1.0	5
10	Novel Palladium-Catalyzed Intramolecular Addition of Aryl Bromides to Aldehydes as Key to the Synthesis of 3,3-Dimethylchromanones and 3,3-Dimethylchromanols. <i>ChemistrySelect</i> , 2018, 3, 11333-11338.	0.7	5
11	Modular Catalytic Synthesis of 3-Amino- β -aryloxyindoles: Rh Catalysis with Isatin-Derived Boc-Protected Ketimines. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 806-812.	1.2	19
12	New cholinesterase inhibitors for Alzheimer's disease: Structure Activity Studies (SARs) and molecular docking of isoquinolone and azepanone derivatives. <i>Bioorganic Chemistry</i> , 2016, 67, 1-8.	2.0	18
13	Enantioselective Rhodium(I)-Catalyzed Additions of Arylboronic Acids to 1,2,3-Triazole-isatin Derivatives: Accessing (1,2,3-Triazolomethyl)- β -hydroxy- β -aryloxindoles. <i>ChemCatChem</i> , 2016, 8, 3518-3526.	0.8	13
14	Design, Synthesis and Bioassays of 3-Substituted- β -Hydroxyoxindoles for Cholinesterase Inhibition. <i>ChemistrySelect</i> , 2016, 1, 3580-3588.	0.7	16
15	Transition-metal-catalyzed intramolecular cyclization of amido(hetero)arylboronic acid aldehydes to isoquinolinones and derivatives. <i>RSC Advances</i> , 2015, 5, 20108-20114.	1.7	18
16	Palladium catalysed sequential imine arylation/Suzuki-Miyaura coupling: synthesis of β -(biaryl)benzylamines. <i>Tetrahedron</i> , 2015, 71, 3314-3324.	1.0	6
17	A catalytic route to dibenzodiazepines involving Buchwald-Hartwig coupling: reaction scope and mechanistic consideration. <i>RSC Advances</i> , 2015, 5, 99990-99999.	1.7	12
18	Asymmetric catalytic arylation of ethyl glyoxylate using organoboron reagents and Rh(I)-phosphane and phosphane-phosphite catalysts. <i>RSC Advances</i> , 2014, 4, 6035.	1.7	14

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19	Thermophysical and magnetic studies of two paramagnetic liquid salts: [C4mim][FeCl4] and [P66614][FeCl4]. <i>Fluid Phase Equilibria</i> , 2013, 350, 43-50.	1.4	41
20	Enantioselective catalytic synthesis of ethyl mandelate derivatives using Rh(I)-NHC catalysts and organoboron reagents. <i>Tetrahedron: Asymmetry</i> , 2013, 24, 628-632.	1.8	13
21	Ethyl 2,2-bis(4-methylphenylsulfonamido)acetate to aromatic α -amino acids: stable substrates for catalytic arylation reactions. <i>Tetrahedron</i> , 2013, 69, 10091-10097.	1.0	15
22	Viscosity Measurements of the Ionic Liquid Trihexyl(tetradecyl)phosphonium Dicyanamide [P _{6,6,6,14}][dca] Using the Vibrating Wire Technique. <i>Journal of Chemical & Engineering Data</i> , 2012, 57, 1015-1025.	1.0	39
23	Expedient and novel synthesis of α -hydroxyesters via rhodium-NHC catalyzed arylation of ethyl glyoxalate. <i>Tetrahedron</i> , 2012, 68, 7211-7216.	1.0	10
24	Toxicity assessment of various ionic liquid families towards <i>Vibrio fischeri</i> marine bacteria. <i>Ecotoxicology and Environmental Safety</i> , 2012, 76, 162-168.	2.9	254
25	Chiral Diphosphane- and NHC-Containing Ruthenium Catalysts for the Catalytic Asymmetric Arylation of Aldimines with Organoboron Reagents. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 4232-4239.	1.2	18
26	Advances in the Catalytic Asymmetric Arylation of Imines using Organoboron Reagents: An Approach to Chiral Arylamines. <i>ChemCatChem</i> , 2011, 3, 635-645.	1.8	119
27	Catalytic Enantioselective Addition of Phenylboronic Acid and Phenylboroxine to <i>N</i> -Tosylimines: Pd ^{II} and Rh ^I Catalysis. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 1639-1643.	1.2	43
28	Studies on the density, heat capacity, surface tension and infinite dilution diffusion with the ionic liquids [C4mim][NTf ₂], [C4mim][dca], [C2mim][EtOSO ₃] and [Aliquat][dca]. <i>Fluid Phase Equilibria</i> , 2010, 294, 157-179.	1.4	171
29	Melting behaviour of ionic salts in the presence of high pressure CO ₂ . <i>Fluid Phase Equilibria</i> , 2010, 294, 121-130.	1.4	31
30	The benzilic ester rearrangement: synthesis of labelled compounds and theoretical studies. <i>Journal of Physical Organic Chemistry</i> , 2009, 22, 735-739.	0.9	7
31	Toxicological evaluation on human colon carcinoma cell line (CaCo-2) of ionic liquids based on imidazolium, guanidinium, ammonium, phosphonium, pyridinium and pyrrolidinium cations. <i>Green Chemistry</i> , 2009, 11, 1660.	4.6	124
32	New Route to <i>N</i> -Alkylated trans-Pyrrolidine Diols from 2,2,3,3-Tetramethoxybutane-Protected Dimethyl Tartrate. <i>Synthetic Communications</i> , 2008, 38, 1365-1374.	1.1	4
33	Rh(I)-Catalyzed Asymmetric Hydrosilylation and Hydroboration/Oxidation Reactions Using Berens Ligand. <i>Synthetic Communications</i> , 2008, 38, 4207-4214.	1.1	8
34	Mechanistic and Synthetic Aspects of the Benzilic Acid and Ester Rearrangements. <i>Mini-Reviews in Organic Chemistry</i> , 2007, 4, 310-316.	0.6	24
35	Palladium catalysed enantioselective asymmetric allylic alkylations using the Berens TM DIOP analogue. <i>Tetrahedron: Asymmetry</i> , 2007, 18, 1804-1808.	1.8	18
36	The catalytic tandem oxidation/benzilic ester rearrangement (BER): insights into reaction mechanism and stereoselectivity. <i>Tetrahedron Letters</i> , 2007, 48, 7957-7960.	0.7	10

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37	A simple, highly regioselective, one-pot stereoselective synthesis of tertiary β -hydroxyesters: a tandem oxidation/benzilic ester rearrangement. <i>Tetrahedron Letters</i> , 2006, 47, 6049-6052.	0.7	19
38	Survey of New, Small-Molecule Isatin-Based Oxindole Hybrids as Multi-Targeted Drugs for the Treatment of Alzheimer's Disease. <i>Synthesis</i> , 0, , .	1.2	4