Carolina S Marques

List of Publications by Year
in descending order

38 papers	1,259 citations	471371 17 h-index	360920 35 g-index
50 all docs	50 docs citations	50 times ranked	1679 citing authors

#	Article	IF	Citations
1	Toxicity assessment of various ionic liquid families towards Vibrio fischeri marine bacteria. Ecotoxicology and Environmental Safety, 2012, 76, 162-168.	2.9	254
2	Studies on the density, heat capacity, surface tension and infinite dilution diffusion with the ionic liquids [C4mim][NTf2], [C4mim][dca], [C2mim][EtOSO3] and [Aliquat][dca]. Fluid Phase Equilibria, 2010, 294, 157-179.	1.4	171
3	Toxicological evaluation on human colon carcinoma cell line (CaCo-2) of ionic liquids based on imidazolium, guanidinium, ammonium, phosphonium, pyridinium and pyrrolidinium cations. Green Chemistry, 2009, 11, 1660.	4.6	124
4	Advances in the Catalytic Asymmetric Arylation of Imines using Organoboron Reagents: An Approach to Chiral Arylamines. ChemCatChem, 2011, 3, 635-645.	1.8	119
5	The application of isatin-based multicomponent-reactions in the quest for new bioactive and druglike molecules. European Journal of Medicinal Chemistry, 2021, 211, 113102.	2.6	72
6	Catalytic Enantioselective Addition of Phenylboronic Acid and Phenylboroxine to Nâ€Tosylimines: Pd^{II} and Rh^I Catalysis. European Journal of Organic Chemistry, 2010, 2010, 1639-1643.	1.2	43
7	Thermophysical and magnetic studies of two paramagnetic liquid salts: [C4mim][FeCl4] and [P66614][FeCl4]. Fluid Phase Equilibria, 2013, 350, 43-50.	1.4	41
8	Viscosity Measurements of the Ionic Liquid Trihexyl(tetradecyl)phosphonium Dicyanamide [P_{6,6,6,14}][dca] Using the Vibrating Wire Technique. Journal of Chemical & Engineering Data, 2012, 57, 1015-1025.	1.0	39
9	N-1,2,3-triazole-isatin derivatives for cholinesterase and Î²-amyloid aggregation inhibition: A comprehensive bioassay study. Bioorganic Chemistry, 2020, 98, 103753.	2.0	32
10	Melting behaviour of ionic salts in the presence of high pressure CO2. Fluid Phase Equilibria, 2010, 294, 121-130.	1.4	31
11	Engaging Isatins in Multicomponent Reactions (MCRs) â€“ Easy Access to Structural Diversity. Chemical Record, 2021, 21, 924-1037.	2.9	29
12	Mechanistic and Synthetic Aspects of the Benzilic Acid and Ester Rearrangements. Mini-Reviews in Organic Chemistry, 2007, 4, 310-316.	0.6	24
13	A simple, highly regioselective, one-pot stereoselective synthesis of tertiary Î±-hydroxyesters: a tandem oxidation/benzilic ester rearrangement. Tetrahedron Letters, 2006, 47, 6049-6052.	0.7	19
14	Modular Catalytic Synthesis of 3â€Aminoâ€3â€arylâ€2â€oxindoles: Rh Catalysis with Isatinâ€Derived Nâ€Bocâ€Protected Ketimines. European Journal of Organic Chemistry, 2016, 2016, 806-812.	1.2	19
15	Palladium catalysed enantioselective asymmetric allylic alkylations using the Berensâ€™ DIOP analogue. Tetrahedron: Asymmetry, 2007, 18, 1804-1808.	1.8	18
16	Chiral Diphosphaneâ€and NHCâ€Containing Ruthenium Catalysts for the Catalytic Asymmetric Arylation of Aldimines with Organoboron Reagents. European Journal of Organic Chemistry, 2012, 2012, 4232-4239.	1.2	18
17	Transition-metal-catalyzed intramolecular cyclization of amido(hetero)arylboronic acid aldehydes to isoquinolinones and derivatives. RSC Advances, 2015, 5, 20108-20114.	1.7	18
18	New cholinesterase inhibitors for Alzheimerâ€™s disease: Structure Activity Studies (SARs) and molecular docking of isoquinolone and azepanone derivatives. Bioorganic Chemistry, 2016, 67, 1-8.	2.0	18

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19	Design, Synthesis and Bioassays of 3â€Substitutedâ€3â€Hydroxyoxindoles for Cholinesterase Inhibition. ChemistrySelect, 2016, 1, 3580-3588.	0.7	16
20	Ethyl 2,2-bis(4-methylphenylsulfonamido)acetate to aromatic Î±-amino acids: stable substrates for catalytic arylation reactions. Tetrahedron, 2013, 69, 10091-10097.	1.0	15
21	Asymmetric catalytic arylation of ethyl glyoxylate using organoboron reagents and Rh(i)â€“phosphane and phosphaneâ€“phosphite catalysts. RSC Advances, 2014, 4, 6035.	1.7	14
22	Enantioselective catalytic synthesis of ethyl mandelate derivatives using Rh(I)â€“NHC catalysts and organoboron reagents. Tetrahedron: Asymmetry, 2013, 24, 628-632.	1.8	13
23	Enantioselective Rhodium(I)â€Catalyzed Additions of Arylboronic Acids to Nâ€1,2,3â€Triazoleâ€Isatin Derivatives: Accessing Nâ€(1,2,3â€Triazolmethyl)â€3â€hydroxyâ€3â€aryloxindoles. ChemCatChem, 2016, 8, 3518-3526.	3.8	13
24	A catalytic route to dibenzodiazepines involving Buchwaldâ€“Hartwig coupling: reaction scope and mechanistic consideration. RSC Advances, 2015, 5, 99990-99999.	1.7	12
25	The catalytic tandem oxidation/benzilic ester rearrangement (BER): insights into reaction mechanism and stereoselectivity. Tetrahedron Letters, 2007, 48, 7957-7960.	0.7	10
26	Expeditious and novel synthesis of Î±-hydroxyesters via rhodiumâ€“NHC catalyzed arylation of ethyl glyoxalate. Tetrahedron, 2012, 68, 7211-7216.	1.0	10
27	Accessing New 5â€Î±â€(3,3â€Disubstituted Oxindole)â€Benzylamine Derivatives from Isatin: Stereoselective Organocatalytic Three Component Petasis Reaction. European Journal of Organic Chemistry, 2020, 2020, 3622-3634.	1.2	9
28	Rh(I)-Catalyzed Asymmetric Hydrosilylation and Hydroboration/Oxidation Reactions Using Berens Ligand. Synthetic Communications, 2008, 38, 4207-4214.	1.1	8
29	Petasis adducts of tryptanthrin â€“ synthesis, biological activity evaluation and druglikeness assessment. New Journal of Chemistry, 2021, 45, 14633-14649.	1.4	8
30	The benzilic ester rearrangement: synthesis of labelled compounds and theoretical studies. Journal of Physical Organic Chemistry, 2009, 22, 735-739.	0.9	7
31	Palladium catalysed sequential imine arylation/Suzukiâ€“Miyaura coupling: synthesis of Î±-(biarylyl)benzylamines. Tetrahedron, 2015, 71, 3314-3324.	1.0	6
32	N-1,2,3-Triazoleâ€“isatin derivatives: anti-proliferation effects and target identification in solid tumour cell lines. RSC Medicinal Chemistry, 2022, 13, 970-977.	1.7	6
33	Pd-Catalyzed One-Pot Borylation/Intramolecular Asymmetric Arylation on Î±-Ketiminoamides: Innovative Approach to Chiral 3-Amino-2-oxindoles. Synlett, 2018, 29, 497-502.	1.0	5
34	Novel Palladiumâ€Catalyzed Intramolecular Addition of Aryl Bromides to Aldehydes as Key to the Synthesis of 3,3â€Dimethylchromanâ€4â€ones and 3,3â€Dimethylchromanâ€4â€ols. ChemistrySelect, 2018, 3, 11333-11338.	0.7	5
35	Evaluation of chromane derivatives: Promising privileged scaffolds for lead discovery within Alzheimerâ€™s disease. Bioorganic and Medicinal Chemistry, 2022, 68, 116807.	1.4	5
36	New Route to Nâ€Alkylated transâ€Pyrrolidine Diols from 2,2,3,3â€Tetramethoxybutaneâ€Protected Dimethyl Tartrate. Synthetic Communications, 2008, 38, 1365-1374.	1.1	4

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37	Survey of New, Small-Molecule Isatin-Based Oxindole Hybrids as Multi-Targeted Drugs for the Treatment of Alzheimerâ€™s Disease. Synthesis, 0, , .	1.2	4
38	Ambipolar pentacyclic diamides with interesting electrochemical and optoelectronic properties. Chemical Communications, 2020, 56, 14893-14896.	2.2	0