

Jason Guy Taylor

List of Publications by Year in descending order

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44
papers

1,245
citations

516710

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361022

35
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56
all docs

56
docs citations

56
times ranked

1571
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution and Synthetic Applications of the Heck–Matsuda Reaction: The Return of Arenediazonium Salts to Prominence. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 1403-1428.	2.4	266
2	Copper-Catalyzed Intermolecular Hydroamination of Alkenes. <i>Organic Letters</i> , 2006, 8, 3561-3564.	4.6	140
3	Hydroamination reactions by metal triflates: Brønsted acid vs. metal catalysis?. <i>Dalton Transactions</i> , 2010, 39, 1171-1175.	3.3	95
4	Antioxidant, antimicrobial and anti-quorum sensing activities of <i>Rubus rosaefolius</i> phenolic extract. <i>Industrial Crops and Products</i> , 2016, 84, 59-66.	5.2	84
5	Stereoselective Synthesis of Unsymmetrical $\hat{1}^2, \hat{1}^2$ -Diarylacrylates by a Heck–Matsuda Reaction: Versatile Building Blocks for Asymmetric Synthesis of $\hat{1}^2, \hat{1}^2$ -Diphenylpropanoates, 3-Aryl-indole, and 4-Aryl-3,4-dihydro-quinolin-2-one and Formal Synthesis of (\hat{a})-Indatraline. <i>Journal of Organic Chemistry</i> , 2011, 76, 857-869.	3.2	65
6	Coumarins from Free ortho-Hydroxy Cinnamates by Heck-Matsuda Arylations: A Scalable Total Synthesis of (R)-Tolterodine. <i>Organic Letters</i> , 2012, 14, 6036-6039.	4.6	62
7	Copper(ii)-catalysed addition of O–H bonds to norbornene. <i>Chemical Communications</i> , 2005, , 5103.	4.1	51
8	The first intramolecular Heck–Matsuda reaction and its application in the syntheses of benzofurans and indoles. <i>Tetrahedron Letters</i> , 2010, 51, 2102-2105.	1.4	51
9	Copper-catalysed intramolecular O–H addition to unactivated alkenes. <i>Tetrahedron</i> , 2009, 65, 10334-10338.	1.9	47
10	Partition study of textile dye Remazol Yellow Gold RNL in aqueous two-phase systems. <i>Fluid Phase Equilibria</i> , 2015, 391, 1-8.	2.5	46
11	Sub-15 nm CeO ₂ nanowires as an efficient non-noble metal catalyst in the room-temperature oxidation of aniline. <i>Catalysis Science and Technology</i> , 2018, 8, 1828-1839.	4.1	39
12	Facile synthesis of symmetrical 3,3-diarylacrylates by a Heck-Matsuda reaction: an expedient route to biologically active indanones. <i>Tetrahedron Letters</i> , 2011, 52, 3861-3864.	1.4	25
13	Low temperature liquid phase catalytic oxidation of aniline promoted by niobium pentoxide micro and nanoparticles. <i>Catalysis Communications</i> , 2017, 99, 135-140.	3.3	25
14	Quorum Quenching and Microbial Control through Phenolic Extract of <i>Eugenia Uniflora</i> Fruits. <i>Journal of Food Science</i> , 2016, 81, M2538-M2544.	3.1	20
15	Cunaniol-elicited seizures: Behavior characterization and electroencephalographic analyses. <i>Toxicology and Applied Pharmacology</i> , 2018, 360, 193-200.	2.8	19
16	Synthesis and Anti- <i>Trypanosoma cruzi</i> Activity of Diaryldiazepines. <i>Molecules</i> , 2015, 20, 43-51.	3.8	17
17	Determination of formaldehyde in hair creams by gas chromatography–mass spectrometry. <i>Drug Testing and Analysis</i> , 2015, 7, 848-852.	2.6	15
18	Feasible and Clean Solid-Phase Synthesis of LiNbO ₃ by Microwave-Induced Combustion and Its Application as Catalyst for Low-Temperature Aniline Oxidation. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 1680-1691.	6.7	15

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19	Design, synthesis, molecular modelling, and in vitro evaluation of tricyclic coumarins against <i>Trypanosoma cruzi</i> . <i>Chemical Biology and Drug Design</i> , 2019, 93, 337-350.	3.2	15
20	Trypanocidal Activity of Flavanone Derivatives. <i>Molecules</i> , 2020, 25, 397.	3.8	13
21	Synthesis, crystal structure, photophysical properties and theoretical studies of a novel bis(phenylisoxazolyl) benzene derivative. <i>Journal of Molecular Structure</i> , 2018, 1163, 197-204.	3.6	12
22	Mineral and centesimal contents, antioxidant activity and antimicrobial action of phenolic compounds from <i>Eugenia Brasiliensis</i> Lam. Pulp. <i>Food Science and Technology</i> , 2019, 39, 378-385.	1.7	12
23	Antidiabetic effect of <i>Equisetum giganteum</i> L. extract on alloxan-diabetic rabbit. <i>Journal of Ethnopharmacology</i> , 2020, 260, 112898.	4.1	12
24	Synergistic effect between CeO ₂ nanowires and gold NPs over the activity and selectivity in the oxidation of thioanisole. <i>Applied Catalysis A: General</i> , 2021, 613, 118010.	4.3	12
25	Synthesis of Xylitan Derivatives and Preliminary Evaluation of in Vitro Trypanocidal Activity. <i>Molecules</i> , 2016, 21, 1342.	3.8	11
26	Preparation of Polyaminopyridines Using a CuI/I-Proline-Catalyzed C-N Polycoupling Reaction. <i>Materials</i> , 2012, 5, 2176-2189.	2.9	9
27	Arylation of β,β -unsaturated lactones by a Heck-Matsuda reaction: an unexpected route to aryldiazene butenolides and pyridazinones. <i>Quimica Nova</i> , 2010, 33, 2070-2074.	0.3	6
28	Application of Al ₂ O ₃ /AlNbO ₄ in the oxidation of aniline to azoxybenzene. <i>Chemical Papers</i> , 2020, 74, 543-553.	2.2	6
29	Influence of Nb ₂ O ₅ grown on SrTiO ₃ nanoseeds in the catalytic oxidation of thioanisole. <i>Materials Chemistry and Physics</i> , 2022, 278, 125591.	4.0	6
30	Access to 3-arylchromanones from Dibenzoylmethanes via an Iron-Catalyzed α -Methylenation Reaction. <i>ChemistrySelect</i> , 2018, 3, 3965-3969.	1.5	5
31	<i>Baccharis trimera</i> (Carqueja) Improves Metabolic and Redox Status in an Experimental Model of Type 1 Diabetes. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018, 2018, 1-12.	1.2	5
32	Facile Synthesis of Indolines by a Tandem Nitro-reduction Aza Michael Addition Reaction. <i>Heterocycles</i> , 2013, 87, 2023.	0.7	4
33	Synthesis of an Alkylidene 2-Oxazolidinone via Gold-Catalyzed Cyclization of a N-Boc-Allenylaniline. <i>Synthetic Communications</i> , 2013, 43, 768-773.	2.1	4
34	Aqueous Microemulsions as Efficient and Versatile Media for Transition-Metal-Catalyzed Reactions. <i>Australian Journal of Chemistry</i> , 2013, 66, 470.	0.9	4
35	Synthesis of Indolines via a SmI ₂ Promoted Domino Nitro Reduction- α -Intramolecular α -Aza-Michael Reaction. <i>Journal of Heterocyclic Chemistry</i> , 2015, 52, 54-58.	2.6	4
36	Synthesis, photophysical and electrochemical properties of novel and highly fluorescent difluoroboron flavanone β -diketonate complexes. <i>New Journal of Chemistry</i> , 2020, 44, 14615-14631.	2.8	4

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37	An unusual route to a quinoline 1-oxide via intramolecular addition of an enolate to an aromatic nitro group. <i>Heterocyclic Communications</i> , 2011, 17, .	1.2	3
38	Synthesis of a Benzannulated Pyrrolizidine by a Copper-catalyzed Intramolecular C-arylation Reaction. <i>Helvetica Chimica Acta</i> , 2014, 97, 569-573.	1.6	3
39	Antifungal Activity of Coumarin Mammeisin Isolated from Species of the <i>Kielmeyera</i> Genre (Family: Tj ETQq1 1 0.784314 rgBT ₃ /Overlo	1.9	3
40	Preliminary Studies of the Cytotoxicity and Photoprotective Properties of Benzophenone and Lactone Derivatives. <i>Revista Virtual De Quimica</i> , 2018, 10, 600-608.	0.4	3
41	Synthesis and Molecular Structure of a Chiral Bipyridine-Menthol Ether. <i>Journal of Structural Chemistry</i> , 2020, 61, 763-768.	1.0	2
42	In Vitro Evaluation of Synthetic Flavones Against <i>Trypanosoma cruzi</i> . <i>Revista Virtual De Quimica</i> , 2021, 13, 146-155.	0.4	2
43	A Concise Synthesis of (<i>E</i>)-3-Amino-1-phenyl-1-butene, a Monoamine Oxidase Inhibitor. <i>Organic Preparations and Procedures International</i> , 2014, 46, 381-385.	1.3	1
44	Trypanocidal activity of chromenepyrazole derivatives. <i>Chemical Papers</i> , 2022, 76, 5827-5837.	2.2	1