

Roderick C Jones

List of Publications by Year in descending order

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papers

551
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623734

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40
all docs

40
docs citations

40
times ranked

710
citing authors

#	ARTICLE	IF	CITATIONS
1	Binary Solvent Swap Processing in a Bubble Column in Batch and Continuous Modes. <i>Organic Process Research and Development</i> , 2022, 26, 1191-1201.	2.7	2
2	Design and Optimization of the Single-Stage Continuous Mixed Suspensionâ€“Mixed Product Removal Crystallization of 2-Chloro-N-(4-methylphenyl)propanamide. <i>ACS Omega</i> , 2022, 7, 13676-13686.	3.5	1
3	Low-temperature evaporation of continuous pharmaceutical process streams in a bubble column. <i>Chemical Engineering Research and Design</i> , 2021, 166, 74-85.	5.6	4
4	Development of a continuous evaporation system for an API solution stream prior to crystallization. <i>AIChE Journal</i> , 2021, 67, e17377.	3.6	5
5	Controlling reactivity in the Fujiwaraâ€“Moritani reaction: Examining solvent effects and the addition of 1,3-dicarbonyl ligands on the oxidative coupling of electron rich arenes and acrylates. <i>Tetrahedron Letters</i> , 2020, 61, 151471.	1.4	3
6	Diastereomeric salt crystallization of chiral molecules via sequential coupled batch operation. <i>AIChE Journal</i> , 2019, 65, 604-616.	3.6	14
7	Resolution via Diastereomeric Salt Crystallization of Ibuprofen Lysine: Ternary Phase Diagram Studies. <i>Chemical Engineering and Technology</i> , 2018, 41, 921-927.	1.5	11
8	Synthesis and structural studies of dicationic Pd(II) and Pt(II) complexes of 2-(alkylchalcogenomethyl)pyridines, [M{NC ₅ H ₄ -2-(CH ₂ ER)} ₂][PF ₆] ₂ . <i>Polyhedron</i> , 2018, 156, 291-296.	2.2	1
9	Structure of 2-chloro-N-(p-tolyl)propanamide. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018, 74, 1584-1588.	0.5	2
10	Exploiting the Continuous in situ Generation of Mesyl Azide for Use in a Telescoped Process. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 6533-6539.	2.4	21
11	Experimental and Modeling Studies on the Solubility of 2-Chloro-N-(4-methylphenyl)propanamide (S1) in Binary Ethyl Acetate + Hexane, Toluene + Hexane, Acetone + Hexane, and Butanone + Hexane Solvent Mixtures Using Polythermal Method. <i>Journal of Chemical & Engineering Data</i> , 2017, 62, 3193-3205.	1.9	13
12	Stereoselective Peterson Olefinations from Bench-Stable Reagents and N-Phenyl Imines. <i>Chemistry - A European Journal</i> , 2015, 21, 8645-8645.	3.3	0
13	Stereoselective Peterson Olefinations from Bench-Stable Reagents and N-Phenyl Imines. <i>Chemistry - A European Journal</i> , 2015, 21, 8737-8740.	3.3	35
14	Bis{2-[(3,5-diphenyl-1H-pyrrol-2-ylidene)amino]-3,5-diphenylpyrrol-1-ido}palladium(II): a homoleptic four-coordinate tetraphenylazadipyrromethene complex of palladium. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2014, 70, 165-168.	0.5	6
15	Synthesis of Trisubstituted Alkenes via Direct Oxidative Arene-Alkene Coupling. <i>Journal of Organic Chemistry</i> , 2013, 78, 8044-8053.	3.2	21
16	Sieving polymer synthesis by reversible addition fragmentation chain transfer polymerization. <i>Electrophoresis</i> , 2013, 34, 3189-3197.	2.4	4
17	Tautomerism and metal complexation of 2-acylmethyl-2-oxazolines: a combined synthetic, spectroscopic, crystallographic and theoretical treatment. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 3484.	2.8	11
18	Synthetic and computational studies of the palladium(IV) system Pd(alkyl)(aryl)(alkynyl)(bidentate)(triflate) exhibiting selectivity in C reductive elimination. <i>Dalton Transactions</i> , 2012, 41, 11820.	3.3	19

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19	Oxazoles revisited: On the nature of binding of benzoxazole and 2-methylbenzoxazole with the zinc and palladium halides. <i>Dalton Transactions</i> , 2011, 40, 1594.	3.3	11
20	Structural Chemistry of [MX ₂ (bipy)] (M=Pd, Pt; X=Cl, Br, I): the Yellow Polymorph of Dichlorido(2,2'-bipyridine)platinum(II) and Diiodido(2,2'-bipyridine)palladium(II), and Overview of this System. <i>Australian Journal of Chemistry</i> , 2011, 64, 1355.	0.9	16
21	The Crystal and Molecular Structure of (2Z)-2-[3-(4-Methoxybenzoyl)-4,4-dimethyl-1,2-oxazolidin-2-ylidene]-1-(4-methoxyphenyl)ethanone. <i>Crystals</i> , 2011, 1, 229-235.	2.2	6
22	Structural chemistry of dihalogenopalladium(II) and platinum(II) complexes of heteroleptic N,S- and N,Se-donor ligands based on the 2-organochalcogenomethylpyridine motif. <i>Inorganica Chimica Acta</i> , 2011, 376, 290-295.	2.4	6
23	Carbon-carbon and carbon-chlorine bond formation on reaction of iodine(III) reagents with the bis(alkynyl)palladium(II) motif, and structural chemistry of trans-Pd(C C-o-Tol) ₂ (PMe ₂ Ph) ₂ and trans-[PdCl(C C-o-Tol)(PMe ₂ Ph) ₂]. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 1441-1444.	1.8	6
24	Synthesis and Phytotoxicity of Structural Analogues of Thaxtomin Natural Products. <i>Australian Journal of Chemistry</i> , 2010, 63, 813.	0.9	21
25	Synthesis and structure of dichloropalladium(II) complexes of heteroleptic N,S- and N,Se-donor ligands based on the 2-organochalcogenomethylpyridine motif, and Mizoroki-Heck catalysis mediated by complexes of N,S-donor ligands. <i>Inorganica Chimica Acta</i> , 2010, 363, 77-87.	2.4	26
26	Characterization of Tetra-aryl Benzene Isomers by Using Preparative Gas Chromatography with Mass Spectrometry, Nuclear Magnetic Resonance Spectroscopy, and X-ray Crystallographic Methods. <i>Analytical Chemistry</i> , 2010, 82, 4501-4509.	6.5	34
27	A new mechanistic pathway under Sonogashira reaction protocol involving multiple acetylene insertions. <i>Dalton Transactions</i> , 2010, 39, 3799.	3.3	8
28	Supported palladium catalysis using a heteroleptic 2-methylthiomethylpyridine-N,S-donor motif for Mizoroki-Heck and Suzuki-Miyaura coupling, including continuous organic monolith in capillary microscale flow-through mode. <i>Tetrahedron</i> , 2009, 65, 7474-7481.	1.9	42
29	Palladium-mediated organic synthesis using porous polymer monolith formed in situ as a continuous catalyst support structure for application in microfluidic devices. <i>Tetrahedron</i> , 2009, 65, 1450-1454.	1.9	74
30	Binuclear Intermediates in Oxidation Reactions: [(Me ₃ SiCMe ₂ (bipy)Pt~PtMe ₂ (bipy)] ⁺ in the Oxidation of PtII Me ₂ (bipy) (bipy = 2,2'-Bipyridine) by IPh(CSiMe ₃)(OTf) (OTf = Triflate). <i>Journal of the American Chemical Society</i> , 2009, 131, 7236-7237.	13.7	43
31	Pre-catalyst resting states: a kinetic, thermodynamic and quantum mechanical analyses of [PdCl ₂ (2-oxazoline) ₂] complexes. <i>Dalton Transactions</i> , 2008, , 3115.	3.3	19
32	Synthesis and Reactivity of (1-alkynyl)diorganoplatinum(IV) Species, Including Structural Studies of PtII Me ₂ (CMe ₂ SiMe ₃)(dmpe) [dmpe = 1,2-bis(dimethylphosphino)ethane] and the Platinum(II) Reagent PtPh ₂ (dmpe). <i>Organometallics</i> , 2008, 27, 3203-3209.	2.3	25
33	Synthesis and solid-state structural characterisation of Pt(II,IV) bromide complexes containing bidentate organothiomethylpyridine heteroleptic ligands. <i>Polyhedron</i> , 2007, 26, 708-718.	2.2	10
34	Methyl 4-chloro-3,5-di-p-tolyl-1H-pyrrole-2-carboxylate dichloromethane hemisolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o197-o199.	0.2	0
35	Methyl 4-p-tolyl-1H-pyrrole-2-carboxylate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o470-o471.	0.2	5
36	(RS)-2-(3,4-Methylenedioxyphenyl)-5-phenyl-3,6-dihydro-2H-pyran. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o955-o957.	0.2	0

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37	Solution, Structural and Catalytic Studies of Neutral MCl_2 ($M = Pd, Pt$) Complexes of the N/E Mixed-Donor Ligands 2-(RECH ₂)C ₅ H ₄ N (RE = MeS, PhS, MeSe). <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 1048-1055.	2.0	26