

Robert L Jenkins

List of Publications by Year in descending order

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56
papers

2,576
citations

257450

24
h-index

197818

49
g-index

60
all docs

60
docs citations

60
times ranked

3948
citing authors

#	ARTICLE	IF	CITATIONS
1	Aqueous Au-Pd colloids catalyze selective CH ₄ oxidation to CH ₃ OH with O ₂ under mild conditions. <i>Science</i> , 2017, 358, 223-227.	12.6	478
2	Loss of MicroRNA-192 Promotes Fibrogenesis in Diabetic Nephropathy. <i>Journal of the American Society of Nephrology: JASN</i> , 2010, 21, 438-447.	6.1	319
3	MicroRNAs, transforming growth factor beta ¹ , and tissue fibrosis. <i>Journal of Pathology</i> , 2013, 229, 274-285.	4.5	148
4	Oxidation of alcohols using supported gold and gold-palladium nanoparticles. <i>Faraday Discussions</i> , 0, 145, 341-356.	3.2	128
5	Elucidation and Evolution of the Active Component within Cu/Fe/ZSM-5 for Catalytic Methane Oxidation: From Synthesis to Catalysis. <i>ACS Catalysis</i> , 2013, 3, 689-699.	11.2	117
6	Modulation of TGF β 1-Dependent Myofibroblast Differentiation by Hyaluronan. <i>American Journal of Pathology</i> , 2009, 175, 148-160.	3.8	106
7	Aqueous-Phase Methane Oxidation over Fe-MFI Zeolites; Promotion through Isomorphous Framework Substitution. <i>ACS Catalysis</i> , 2013, 3, 1835-1844.	11.2	99
8	Post-Transcriptional Regulation of Transforming Growth Factor Beta-1 by MicroRNA-744. <i>PLoS ONE</i> , 2011, 6, e25044.	2.5	63
9	Kidney ischaemia reperfusion injury in the rat: the EGTI scoring system as a valid and reliable tool for histological assessment. <i>Journal of Histology and Histopathology</i> , 2016, 3, 1.	0.4	63
10	Association of Elevated Urinary miR-126, miR-155, and miR-29b with Diabetic Kidney Disease. <i>American Journal of Pathology</i> , 2018, 188, 1982-1992.	3.8	60
11	Myofibroblastic Differentiation Leads to Hyaluronan Accumulation through Reduced Hyaluronan Turnover. <i>Journal of Biological Chemistry</i> , 2004, 279, 41453-41460.	3.4	54
12	miR-192 Induces G2/M Growth Arrest in Aristolochic Acid Nephropathy. <i>American Journal of Pathology</i> , 2014, 184, 996-1009.	3.8	48
13	Light alkane oxidation using catalysts prepared by chemical vapour impregnation: tuning alcohol selectivity through catalyst pre-treatment. <i>Chemical Science</i> , 2014, 5, 3603-3616.	7.4	45
14	Transforming growth factor β 1 represses proximal tubular cell microRNA-192 expression through decreased hepatocyte nuclear factor DNA binding. <i>Biochemical Journal</i> , 2012, 443, 407-416.	3.7	44
15	Stabilization of Urinary MicroRNAs by Association with Exosomes and Argonaute 2 Protein. <i>Non-coding RNA</i> , 2015, 1, 151-166.	2.6	36
16	A urinary microRNA panel that is an early predictive biomarker of delayed graft function following kidney transplantation. <i>Scientific Reports</i> , 2019, 9, 3584.	3.3	36
17	Systematic Study of the Oxidation of Methane Using Supported Gold Palladium Nanoparticles Under Mild Aqueous Conditions. <i>Topics in Catalysis</i> , 2013, 56, 1843-1857.	2.8	35
18	Differential expression of microRNA miR-150-5p in IgA nephropathy as a potential mediator and marker of disease progression. <i>Kidney International</i> , 2021, 99, 1127-1139.	5.2	35

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19	A Conserved Stem Loop Motif in the 5' Untranslated Region Regulates Transforming Growth Factor- β 1 Translation. PLoS ONE, 2010, 5, e12283.	2.5	34
20	Hyaluronan Regulates Bone Morphogenetic Protein-7-dependent Prevention and Reversal of Myofibroblast Phenotype. Journal of Biological Chemistry, 2015, 290, 11218-11234.	3.4	31
21	miR-21 Promotes Fibrogenesis in Peritoneal Dialysis. American Journal of Pathology, 2017, 187, 1537-1550.	3.8	30
22	Pleiotropy of microRNA-192 in the kidney. Biochemical Society Transactions, 2012, 40, 762-767.	3.4	29
23	Sesquiterpene Synthase-Catalysed Formation of a New Medium-Sized Cyclic Terpenoid Ether from Farnesyl Diphosphate Analogues. ChemBioChem, 2018, 19, 1834-1838.	2.6	28
24	Neutrophil-derived miR-223 as local biomarker of bacterial peritonitis. Scientific Reports, 2019, 9, 10136.	3.3	28
25	Acute kidney injury: a paradigm for miRNA regulation of the cell cycle. Biochemical Society Transactions, 2014, 42, 1219-1223.	3.4	23
26	Synthesis of Ni(ii), Pd(ii) and Pt(ii) complexes containing chiral phosphino-thiol and -thioether ligands. Dalton Transactions, 2003, , 1133-1142.	3.3	21
27	The Effects of Dopants on the Cu-ZrO ₂ Catalyzed Hydrogenation of Levulinic Acid. Journal of Physical Chemistry C, 2019, 123, 7879-7888.	3.1	21
28	Carbon-Phosphorus Coupling from C ^N Cyclometalated Au ^{III} Complexes. Chemistry - A European Journal, 2020, 26, 4226-4231.	3.3	21
29	MicroRNA-21 (miR-21) expression in hypothermic machine perfusate may be predictive of early outcomes in kidney transplantation. Clinical Transplantation, 2016, 30, 99-104.	1.6	19
30	Molybdenum blue nano-rings: an effective catalyst for the partial oxidation of cyclohexane. Catalysis Science and Technology, 2015, 5, 217-227.	4.1	18
31	Tuning graphitic oxide for initiator- and metal-free aerobic epoxidation of linear alkenes. Nature Communications, 2016, 7, 12855.	12.8	18
32	Exo-Functionalized Metallacages as Host-Guest Systems for the Anticancer Drug Cisplatin. Frontiers in Chemistry, 2019, 7, 68.	3.6	17
33	Enantioselective Hydrogenation Using Cinchona-Modified Pt/Al ₂ O ₃ Catalysts: Comparison of the Reaction of Ethyl Pyruvate and Buta-2,3-dione. Catalysis Letters, 2004, 96, 147-151.	2.6	16
34	Solvent-Free Aerobic Epoxidation of Dec-1-ene Using Gold/Graphite as a Catalyst. Catalysis Letters, 2015, 145, 689-696.	2.6	16
35	The Low-Temperature Oxidation of Propane by using H ₂ O ₂ and Fe/ZSM-5 Catalysts: Insights into the Active Site and Enhancement of Catalytic Turnover Frequencies. ChemCatChem, 2017, 9, 642-650.	3.7	16
36	The effect of water on the enantioselective hydrogenation of ethyl pyruvate and butane-2,3-dione using cinchona-modified Pt/Al ₂ O ₃ . Physical Chemistry Chemical Physics, 2002, 4, 2839-2845.	2.8	15

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37	Multi-functionality of Ga/ZSM-5 catalysts during anaerobic and aerobic aromatisation of n-decane. <i>Chemical Science</i> , 2012, 3, 2958.	7.4	14
38	Unravelling the broader complexity of IL-6 involvement in health and disease. <i>Cytokine</i> , 2021, 148, 155684.	3.2	13
39	BMP-6 Emerges as a Potential Major Regulator of Fibrosis in the Kidney. <i>American Journal of Pathology</i> , 2011, 178, 964-965.	3.8	12
40	The partial oxidation of propane under mild aqueous conditions with H ₂ O ₂ and ZSM-5 catalysts. <i>Catalysis Science and Technology</i> , 2016, 6, 7521-7531.	4.1	12
41	Hyaluronidase-2 Regulates RhoA Signaling, Myofibroblast Contractility, and Other Key Profibrotic Myofibroblast Functions. <i>American Journal of Pathology</i> , 2020, 190, 1236-1255.	3.8	11
42	Continuous stable enantioselective hydrogenation of alkyl pyruvate esters using pre-modified cinchonidine platinum catalysts. <i>Catalysis Letters</i> , 2005, 100, 255-258.	2.6	10
43	Unexpected inversion of enantioselectivity during the hydrogenation of ethyl pyruvate using hydroquinine and hydroquinidine modified Pt/Al ₂ O ₃ . <i>Catalysis Letters</i> , 2006, 110, 135-138.	2.6	9
44	Oxidation of Polynuclear Aromatic Hydrocarbons using Ruthenium-Catalyzed Oxidation: The Role of Aromatic Ring Number in Reaction Kinetics and Product Distribution. <i>Chemistry - A European Journal</i> , 2018, 24, 655-662.	3.3	9
45	Effective In Vivo Gene Modification in Mouse Tissue-Resident Peritoneal Macrophages by Intraperitoneal Delivery of Lentiviral Vectors. <i>Molecular Therapy - Methods and Clinical Development</i> , 2020, 16, 21-31.	4.1	9
46	Adipic acid formation from cyclohexanediol using platinum and vanadium catalysts: elucidating the role of homogeneous vanadium species. <i>Catalysis Science and Technology</i> , 2020, 10, 4210-4218.	4.1	9
47	Mechanistic Insights into Selective Oxidation of Polyaromatic Compounds using RICO Chemistry. <i>Chemistry - A European Journal</i> , 2018, 24, 12359-12369.	3.3	7
48	Making sense of IL-6 signalling cues in pathophysiology. <i>FEBS Letters</i> , 2022, 596, 567-588.	2.8	7
49	microRNA Regulation of Peritoneal Cavity Homeostasis in Peritoneal Dialysis. <i>BioMed Research International</i> , 2015, 2015, 1-9.	1.9	6
50	A Localized Ischemic Preconditioning Regimen Increases Tumor Necrosis Factor α Expression in a Rat Model of Kidney Ischemia-Reperfusion Injury. <i>Experimental and Clinical Transplantation</i> , 2015, 13, 535-42.	0.2	6
51	Determination of a microRNA signature of protective kidney ischemic preconditioning originating from proximal tubules. <i>Scientific Reports</i> , 2021, 11, 9862.	3.3	5
52	miR-141 mediates recovery from acute kidney injury. <i>Scientific Reports</i> , 2021, 11, 16499.	3.3	4
53	Co-oxidation of octane and benzaldehyde using molecular oxygen with Au-Pd/carbon prepared by sol-immobilisation. <i>Catalysis Science and Technology</i> , 2015, 5, 3953-3959.	4.1	3
54	Scandium Complexes Bearing Bis(oxazolonylphenyl)amide Ligands: An Analysis of Their Reactivity, Solution-State Structures and Photophysical Properties. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 2932-2941.	2.0	2

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55	Controlled reduction of aromaticity of alkylated polyaromatic compounds by selective oxidation using H_2WO_4 , H_3PO_4 and H_2O_2 : a route for upgrading heavy oil fractions. <i>New Journal of Chemistry</i> , 2021, 45, 13885-13892.	2.8	1
56	Selective Oxidation of Alkyl-Substituted Polyaromatics Using Ruthenium-Ion-Catalyzed Oxidation. <i>Chemistry - A European Journal</i> , 2015, 21, 4169-4169.	3.3	0