

# Khuong Q Vuong

## List of Publications by Year in descending order

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28  
papers

1,169  
citations

331670

21  
h-index

501196

28  
g-index

31  
all docs

31  
docs citations

31  
times ranked

1538  
citing authors

#	ARTICLE	IF	CITATIONS
1	Intramolecular Hydroamination with Rhodium(I) and Iridium(I) Complexes Containing a Phosphine- $\pi$ -N-Heterocyclic Carbene Ligand. <i>Organometallics</i> , 2005, 24, 4241-4250.	2.3	164
2	Photochemistry and Photophysics of a Pd(II) Metalloporphyrin: Re(I) Tricarbonyl Bipyridine Molecular Dyad and its Activity Toward the Photoreduction of CO <sub>2</sub> to CO. <i>Inorganic Chemistry</i> , 2011, 50, 11877-11889.	4.0	91
3	Manganese Alkane Complexes: An IR and NMR Spectroscopic Investigation. <i>Journal of the American Chemical Society</i> , 2011, 133, 2303-2310.	13.7	84
4	Rhodium- and Iridium-Catalyzed Double Hydroalkoxylation of Alkynes, an Efficient Method for the Synthesis of O,O-Acetals: $\alpha$ -Catalytic and Mechanistic Studies. <i>Organometallics</i> , 2007, 26, 3031-3040.	2.3	75
5	Rhodium(I) and iridium(I) complexes containing bidentate phosphine-imidazolyl donor ligands as catalysts for the hydroamination and hydrothiolation of alkynes. <i>Dalton Transactions</i> , 2009, , 3599.	3.3	75
6	Rhodium(i) and iridium(i) complexes with bidentate N,N and P,N ligands as catalysts for the hydrothiolation of alkynes. <i>Dalton Transactions</i> , 2003, , 4181-4191.	3.3	73
7	2,5-Bis( <i>p</i> -arylethynyl)rhodacyclopentadienes Show Intense Fluorescence: Denying the Presence of a Heavy Atom. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 2349-2353.	13.8	72
8	New Rhodium(I) and Iridium(I) Complexes Containing Mixed Pyrazolyl-1,2,3-Triazolyl Ligands As Catalysts for Hydroamination. <i>Organometallics</i> , 2012, 31, 1790-1800.	2.3	50
9	Iron(0) and Ruthenium(0) Complexes of Dinitrogen. <i>Inorganic Chemistry</i> , 2009, 48, 2246-2253.	4.0	45
10	Rhodium(I) and Iridium(I) Complexes with Bidentate Phosphine- $\pi$ -Pyrazolyl Ligands: A Highly Efficient Catalysts for the Hydroamination Reaction. <i>Organometallics</i> , 2007, 26, 2058-2069.	2.3	38
11	Unusually Slow Photodissociation of CO from ( $\eta^6$ -C <sub>6</sub> H <sub>6</sub> )Cr(CO) <sub>3</sub> (M = Cr or Mo): A Time-Resolved Infrared, Matrix Isolation, and DFT Investigation. <i>Organometallics</i> , 2009, 28, 1461-1468.	2.3	38
12	Synthesis of spiroketals by iridium-catalyzed double hydroalkoxylation. <i>Pure and Applied Chemistry</i> , 2006, 78, 385-390.	1.9	36
13	Rh(I) Complexes Bearing N,N and N,P Ligands Anchored on Glassy Carbon Electrodes: Toward Recyclable Hydroamination Catalysts. <i>Journal of the American Chemical Society</i> , 2013, 135, 16429-16437.	13.7	35
14	Catalyzed Tandem C-N/C Bond Formation for the Synthesis of Tricyclic Indoles using Ir(III) Pyrazolyl-1,2,3-Triazolyl Complexes. <i>Organometallics</i> , 2012, 31, 7500-7510.	2.3	32
15	Bimetallic Complexes for Enhancing Catalyst Efficiency: Probing the Relationship between Activity and Intermetallic Distance. <i>Organometallics</i> , 2013, 32, 5071-5081.	2.3	31
16	Cationic Rh and Ir complexes containing bidentate imidazolylidene-1,2,3-triazole donor ligands: synthesis and preliminary catalytic studies. <i>Dalton Transactions</i> , 2013, 42, 14298.	3.3	30
17	A systematic approach to the generation of long-lived metal alkane complexes: combined IR and NMR study of (Tp)Re(CO) <sub>2</sub> (cyclopentane). <i>Chemical Communications</i> , 2009, , 1401.	4.1	27
18	Photochemistry in a 3D Metal-Organic Framework (MOF): Monitoring Intermediates and Reactivity of the <i>fac</i> -to- <i>mer</i> Photoisomerization of Re(diimine)(CO) <sub>3</sub> Cl Incorporated in a MOF. <i>Inorganic Chemistry</i> , 2014, 53, 2606-2612.	4.0	27

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19	Photochemical Dihydrogen Production Using an Analogue of the Active Site of [NiFe] Hydrogenase. <i>Inorganic Chemistry</i> , 2014, 53, 4430-4439.	4.0	26
20	Photoinduced Se <sup>13</sup> C Insertion Following Photolysis of (I <sup>5+</sup> -C <sup>4+</sup> H <sup>4+</sup> Se)Cr(CO) <sub>3</sub> . A Picosecond and Nanosecond Time-Resolved Infrared, Matrix Isolation, and DFT Investigation. <i>Organometallics</i> , 2008, 27, 3671-3680.	2.3	25
21	Ruthenium Complexes of CP <sub>3</sub> : A New Carbon-Centered Polydentate Podand Ligand. <i>Organometallics</i> , 2011, 30, 6433-6440.	2.3	25
22	Recent advances in organometallic alkane and noble gas complexes. <i>Pure and Applied Chemistry</i> , 2009, 81, 1667-1675.	1.9	22
23	The advantages of covalently attaching organometallic catalysts to a carbon black support: recyclable Rh( <i>scpi</i> ) complexes that deliver enhanced conversion and product selectivity. <i>Dalton Transactions</i> , 2015, 44, 7917-7926.	3.3	17
24	A Combined Theoretical and Experimental Study on the Wavelength-Dependent Photophysics of (I <sup>6+</sup> -benzene)Mo(CO) <sub>3</sub> . <i>Organometallics</i> , 2012, 31, 268-272.	2.3	11
25	Bi- and tri-metallic Rh and Ir complexes containing click derived bis- and tris-(pyrazolyl-1,2,3-triazolyl) N <sup>2</sup> -N <sup>2</sup> donor ligands and their application as catalysts for the dihydroalkoxylation of alkynes. <i>Dalton Transactions</i> , 2014, 43, 7540-7553.	3.3	9
26	Competing Pathways in the Photochemistry of Ru(H) <sub>2</sub> (CO)(PPh <sub>3</sub> ) <sub>3</sub> . <i>Organometallics</i> , 2018, 37, 855-868.	2.3	8
27	Solid-State NMR Structure Characterization of a <sup>13</sup> CO-Labeled Ir(I) Complex with a P,N-Donor Ligand Including Ultrafast MAS Methods. <i>Inorganic Chemistry</i> , 2014, 53, 7146-7153.	4.0	2
28	Dialkyl Carbonate Synthesis via <i>in Situ</i> Generated Carbonyl Dibromide on Porous Glass. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 7492-7495.	6.7	1