

Hana Kvapilova

List of Publications by Year in descending order

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14
papers

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840776

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#	ARTICLE	IF	CITATIONS
1	Photophysics of Singlet and Triplet Intraligand Excited States in $[\text{ReCl}(\text{CO})_3(1-(2\text{-pyridyl})\text{-imidazo}[1,5\text{-}\eta^2\text{pyridine})]$ Complexes. <i>Journal of the American Chemical Society</i> , 2014, 136, 5963-5973.	13.7	64
2	Electron-Transfer Acceleration Investigated by Time Resolved Infrared Spectroscopy. <i>Accounts of Chemical Research</i> , 2015, 48, 868-876.	15.6	44
3	Electronic Excited States of Tungsten(0) Arylisocyanides. <i>Inorganic Chemistry</i> , 2015, 54, 8518-8528.	4.0	34
4	Synthesis, characterization and electrochemical investigation of hetaryl chromium(0) aminocarbene complexes. <i>Electrochimica Acta</i> , 2012, 82, 470-477.	5.2	32
5	Vinyl Ruthenium-Modified Biphenyl and 2,2'-Bipyridines. <i>Inorganic Chemistry</i> , 2015, 54, 3387-3402.	4.0	32
6	$\text{RuII}(\eta^2\text{-diimine})$ or $\text{RuIII}(\eta^2\text{-diimine})$? Structural, Spectroscopic, and Theoretical Evidence for the Stabilization of a Prominent Metal-to-Ligand Charge-Transfer Excited-State Configuration in the Ground State. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 110-119.	2.0	23
7	Anharmonicity Effects in IR Spectra of $[\text{Re}(\text{X})(\text{CO})_3(\eta^2\text{-diimine})]$ ($\eta^2\text{-diimine} = 2,2'\text{-bipyridine}$ or Tj) <i>Journal of Physical Chemistry A</i> , 2015, 119, 10137-10146.	2.5	19
8	Theoretical Predictions of Redox Potentials of Fischer-Type Chromium Aminocarbene Complexes. <i>Organometallics</i> , 2014, 33, 4964-4972.	2.3	16
9	Inhibitory Effect of Water on the Oxygen Reduction Catalyzed by Cobalt(II) Tetraphenylporphyrin. <i>Journal of Physical Chemistry A</i> , 2014, 118, 2018-2028.	2.5	16
10	Oxidation and reduction response of $\eta^2\text{-diimine}$ complexes with tricarbonylrhenium halides and pseudohalides. <i>Journal of Organometallic Chemistry</i> , 2014, 751, 678-685.	1.8	12
11	Electronic Excitations in Fischer-Type Cr and W Aminocarbene Complexes: A Combined ab Initio and Experimental Study. <i>Journal of Physical Chemistry A</i> , 2013, 117, 11456-11463.	2.5	11
12	Isoflurane as a solvent for electrochemistry. Electrooxidation study of icosahedral carborane anions in four different solvents. <i>Journal of Electroanalytical Chemistry</i> , 2013, 689, 257-261.	3.8	6
13	Hybrid $\eta^2\text{-diimine}/\text{Bis}(\text{chalcogenoether})$ Ligands for Copper(I) and Copper(II) Complexes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2018, 644, 661-670.	1.2	6
14	Structural flexibility of 2-hetaryl chromium aminocarbene complexes: Experimental and theoretical evidence. <i>Inorganica Chimica Acta</i> , 2014, 421, 439-445.	2.4	4