

Irena Hoskovicová

List of Publications by Year in descending order

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19
papers

309
citations

933447

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888059

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docs citations

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#	ARTICLE	IF	CITATIONS
1	Tuning Deazaflavins Towards Highly Potent Reducing Photocatalysts Guided by Mechanistic Understanding – Enhancement of the Key Step by the Internal Heavy Atom Effect. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	11
2	Synthesis, characterisation and electrochemical properties of Cr(0) aminocarbene complexes containing condensed heteroaromatic moiety. <i>Journal of Organometallic Chemistry</i> , 2020, 905, 121023.	1.8	1
3	Electrochemical approach to Fischer carbene complexes. <i>Current Opinion in Electrochemistry</i> , 2019, 15, 165-174.	4.8	5
4	Combining Flavin Photocatalysis and Organocatalysis: Metal-Free Aerobic Oxidation of Unactivated Benzylic Substrates. <i>Organic Letters</i> , 2019, 21, 114-119.	4.6	79
5	Template synthesis and structure of Co(II), Ni(II), and Cu(II) complexes with pyridoxilydenetaurinate Schiff base ligand. <i>Inorganica Chimica Acta</i> , 2018, 477, 248-256.	2.4	12
6	Flavin Photocatalysts for Visible-Light [2+2] Cycloadditions: Structure, Reactivity and Reaction Mechanism. <i>ChemCatChem</i> , 2018, 10, 849-858.	3.7	23
7	Mixed Yttrium–Ytterbium–Erbium Schiff Base Complex as a Model Precursor for Mixed Nanosized Rare Earths Oxides. <i>Journal of Cluster Science</i> , 2018, 29, 549-553.	3.3	0
8	Facile preparation of nanosized yttrium oxide by the thermal decomposition of amorphous Schiff base yttrium complex precursor. <i>Journal of Organometallic Chemistry</i> , 2017, 830, 146-149.	1.8	10
9	Self assembly of dialkoxo bridged dinuclear Fe(III) complex of pyridoxal Schiff base with C C bond formation – Structure, spectral and magnetic properties. <i>Inorganica Chimica Acta</i> , 2017, 461, 111-119.	2.4	14
10	Modular Synthesis of Fischer Biscarbene Complexes of Chromium. <i>Organometallics</i> , 2016, 35, 2999-3006.	2.3	6
11	Stereoisomeric products of electrochemical reduction of heterocyclic Fischer aminocarbene Cr(0) complexes. Development of the electrochemistry-mass spectrometry tandem approach using biphasic (acetonitrile-hexane) preparative electrolysis. <i>Electrochimica Acta</i> , 2015, 162, 17-23.	5.2	4
12	Theoretical Predictions of Redox Potentials of Fischer-Type Chromium Aminocarbene Complexes. <i>Organometallics</i> , 2014, 33, 4964-4972.	2.3	16
13	Structural flexibility of 2-hetaryl chromium aminocarbene complexes: Experimental and theoretical evidence. <i>Inorganica Chimica Acta</i> , 2014, 421, 439-445.	2.4	4
14	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
15	Synthesis, characterization and electrochemical investigation of hetaryl chromium(0) aminocarbene complexes. <i>Electrochimica Acta</i> , 2012, 82, 470-477.	5.2	32
16	Fischer aminocarbene complexes of chromium and iron: Anomalous electrochemical reduction of p-carbonyl substituted derivatives. <i>Electrochimica Acta</i> , 2011, 56, 6853-6859.	5.2	27
17	Synthesis and electrochemical study of iron, chromium and tungsten aminocarbenes: Role of ligand structure and central metal nature. <i>Electrochimica Acta</i> , 2010, 55, 8341-8351.	5.2	31
18	M(0)- Aminocarbene Complexes (M=Cr,W,Fe) : Redox Behaviour Tuned by Metal and/or Ligand Modification. <i>ECS Transactions</i> , 2006, 2, 87-94.	0.5	0

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19	Electrochemistry of chromium(0)â€“aminocarbene complexes. <i>Electrochimica Acta</i> , 2005, 50, 4911-4915.	5.2	23