Irena HoskovcovÃ¡

List of Publications by Year
in descending order

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19	309	933447	888059
papers	citations	10	17
		h-index	g-index

20	20	20	307
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Combining Flavin Photocatalysis and Organocatalysis: Metal-Free Aerobic Oxidation of Unactivated Benzylic Substrates. Organic Letters, 2019, 21, 114-119.	4.6	79
2	Synthesis, characterization and electrochemical investigation of hetaryl chromium(0) aminocarbene complexes. Electrochimica Acta, 2012, 82, 470-477.	5.2	32
3	Synthesis and electrochemical study of iron, chromium and tungsten aminocarbenes: Role of ligand structure and central metal nature. Electrochimica Acta, 2010, 55, 8341-8351.	5.2	31
4	Fischer aminocarbene complexes of chromium and iron: Anomalous electrochemical reduction of p-carbonyl substituted derivatives. Electrochimica Acta, 2011, 56, 6853-6859.	5.2	27
5	Electrochemistry of chromium(0)â€“aminocarbene complexes. Electrochimica Acta, 2005, 50, 4911-4915.	5.2	23
6	Flavin Photocatalysts for Visibleâ€Light [2+2] Cycloadditions: Structure, Reactivity and Reaction Mechanism. ChemCatChem, 2018, 10, 849-858.	3.7	23
7	Theoretical Predictions of Redox Potentials of Fischer-Type Chromium Aminocarbene Complexes. Organometallics, 2014, 33, 4964-4972.	2.3	16
8	Self assembly of dialkoxo bridged dinuclear Fe(III) complex of pyridoxal Schiff base with C C bond formation â€“ Structure, spectral and magnetic properties. Inorganica Chimica Acta, 2017, 461, 111-119.	2.4	14
9	Template synthesis and structure of Co(II), Ni(II), and Cu(II) complexes with pyridoxilydenetaurinate Schiff base ligand. Inorganica Chimica Acta, 2018, 477, 248-256.	2.4	12
10	Electronic Excitations in Fischer-Type Cr and W Aminocarbene Complexes: A Combined ab Initio and Experimental Study. Journal of Physical Chemistry A, 2013, 117, 11456-11463.	2.5	11
11	Tuning Deazaflavins Towards Highly Potent Reducing Photocatalysts Guided by Mechanistic Understanding â€“ Enhancement of the Key Step by the Internal Heavy Atom Effect. Chemistry - A European Journal, 2022, 28, .	3.3	11
12	Facile preparation of nanosized yttrium oxide by the thermal decomposition of amorphous Schiff base yttrium complex precursor. Journal of Organometallic Chemistry, 2017, 830, 146-149.	1.8	10
13	Modular Synthesis of Fischer Biscarbene Complexes of Chromium. Organometallics, 2016, 35, 2999-3006.	2.3	6
14	Electrochemical approach to Fischer carbene complexes. Current Opinion in Electrochemistry, 2019, 15, 165-174.	4.8	5
15	Structural flexibility of 2-hetaryl chromium aminocarbene complexes: Experimental and theoretical evidence. Inorganica Chimica Acta, 2014, 421, 439-445.	2.4	4
16	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. Electrochimica Acta, 2015, 162, 17-23.	5.2	4
17	Synthesis, characterisation and electrochemical properties of Cr(0) aminocarbene complexes containing condensed heteroaromatic moiety. Journal of Organometallic Chemistry, 2020, 905, 121023.	1.8	1
18	M(0)- Aminocarbene Complexes (M=Cr,W,Fe) : Redox Behaviour Tuned by Metal and/or Ligand Modification. ECS Transactions, 2006, 2, 87-94.	0.5	0

#	Article	IF	Citations
19	Mixed Yttriumâ€“Ytterbiumâ€“Erbium Schiff Base Complex as a Model Precursor for Mixed Nanosized Rare Earths Oxides. Journal of Cluster Science, 2018, 29, 549-553.	3.3	0