

Hanna S Abbo

List of Publications by Year in descending order

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47
papers

887
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361413
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1110
citing authors

#	ARTICLE	IF	CITATIONS
1	An Efficient Inclusion Complex Based Fluorescent Sensor for Mercury (II) and its Application in Live-Cell Imaging. <i>Journal of Fluorescence</i> , 2022, 32, 1109-1124.	2.5	6
2	Chloro-benzothiazole Schiff base ester liquid crystals: synthesis and mesomorphic investigation. <i>Liquid Crystals</i> , 2022, 49, 1866-1877.	2.2	5
3	Crystal structure analysis and supramolecular association in ethyl <i>N</i> -[amino(iminio)methyl]carbamate dichloride hemi-hydrate. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2021, 236, 187-199.	0.8	0
4	Carbon Nanomaterials for Wastewater Treatment. <i>ChemBioEng Reviews</i> , 2021, 8, 463-489.	4.4	22
5	Enhancement of oxygen reduction activity and stability via introducing acid-resistant refractory Mo and regulating the near-surface Pt content. <i>Journal of Energy Chemistry</i> , 2020, 51, 246-252.	12.9	26
6	New azo-benzothiazole based liquid crystals: synthesis and study of the effect of lateral substituents on their liquid crystalline behaviour. <i>Liquid Crystals</i> , 2020, 47, 2257-2267.	2.2	18
7	Platinum(II) and Ruthenium(II) complexes in medicine: Antimycobacterial and Anti-HIV activities. <i>Coordination Chemistry Reviews</i> , 2020, 414, 213285.	18.8	35
8	An Overview of Recent Advances in Biological and Pharmaceutical Developments of Fluoro-containing Drugs. <i>Current Organic Chemistry</i> , 2020, 23, 2916-2944.	1.6	2
9	Symmetrical and asymmetrical liquid crystal dimers: synthesis, characterisation and mesomorphic behaviour. <i>Liquid Crystals</i> , 2019, 46, 2291-2300.	2.2	13
10	Bimetallic Ni-Co phosphide nanosheets self-supported on nickel foam as high-performance electrocatalyst for hydrogen evolution reaction. <i>Electrochimica Acta</i> , 2019, 317, 191-198.	5.2	69
11	Enhanced hydrogen evolution activity over microwave-assisted functionalized 3D structured graphene anchoring FeP nanoparticles. <i>Electrochimica Acta</i> , 2019, 317, 242-249.	5.2	20
12	Cu ₂ S-Cu ₃ P Nanowire Arrays Self-Supported on Copper Foam as Boosting Electrocatalysts for Hydrogen Evolution. <i>Energy Technology</i> , 2019, 7, 1800993.	3.8	20
13	Polyethylene glycol (PEG-400): An efficient one-pot green synthesis and anti-viral activity of novel <i>N</i> -di- <i>tert</i> -butylamino phosphonates. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2019, 194, 1035-1039.	1.6	10
14	Highly efficient electrocatalysts for oxygen reduction reaction: Nitrogen-doped PtNiMo ternary alloys. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 6582-6591.	7.1	22
15	Poly(vinyl pyridine): A Versatile Polymer in Catalysis. <i>Current Organic Chemistry</i> , 2019, 23, 439-479.	1.6	3
16	One-Pot Multicomponent Synthesis of Pyrazolo[3,4- <i>d</i>]pyrimidine-6-one Derivatives. <i>Polycyclic Aromatic Compounds</i> , 2018, 38, 189-198.	2.6	6
17	A novel series of 1, 4-Dihydropyridine (DHP) derivatives bearing thiazolidin-4-one: From synthesis to structure. <i>Journal of Molecular Structure</i> , 2017, 1138, 136-148.	3.6	6
18	Synthesis of N-methyl imines in the presence of poly(N-vinylpyridine) as a reusable solid base catalyst by a mechanochemical process. <i>Research on Chemical Intermediates</i> , 2017, 43, 901-910.	2.7	21

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19	4-(Succinimido)-1-butane Sulfonic Acid as a Brønsted Acid Catalyst for Synthesis of 4,4'-bis(arylmethylene)bis(1H-pyrazol-5-ol)s Derivatives under Solvent-Free Conditions. Polycyclic Aromatic Compounds, 2016, 36, 716-728.	2.6	12
20	Modulation of P-glycoprotein activity by novel synthetic curcumin derivatives in sensitive and multidrug-resistant T-cell acute lymphoblastic leukemia cell lines. Toxicology and Applied Pharmacology, 2016, 305, 216-233.	2.8	31
21	Synthesis and Mesomorphic Properties of New Methylene-Linked Linear Symmetrical Liquid Crystal Dimers. Molecular Crystals and Liquid Crystals, 2015, 607, 13-22.	0.9	9
22	Amino-Functionalized Silica Materials for Carbon Dioxide Capture. , 2015, , .		1
23	Tri- and tetradentate copper complexes: a comparative study on homogeneous and heterogeneous catalysis over oxidation reactions. Catalysis Science and Technology, 2015, 5, 325-338.	4.1	22
24	Chemically Modified Solid Adsorbents for CO ₂ Capture. Energy Procedia, 2014, 63, 8153-8160.	1.8	26
25	Selective oxidation reactions over tri- and tetradentate oxovanadium(IV) complexes encapsulated in zeolite-Y. Catalysis Today, 2014, 227, 96-104.	4.4	22
26	Cytotoxicity of Novel Sulfanilamides Towards Sensitive and Multidrugresistant Leukemia Cells. Current Medicinal Chemistry, 2014, 21, 2715-2725.	2.4	5
27	Oxidation of benzoin catalyzed by oxovanadium (IV) schiff base complexes. Chemistry Central Journal, 2013, 7, 3.	2.6	25
28	Salicylaldiminato chromium complex supported on chemically modified silica as highly active catalysts for the oxidation of cyclohexene. Catalysis Today, 2013, 204, 114-124.	4.4	32
29	A New Vanadium (III) Complex of 2,6-Bis(3,5-diphenylpyrazol-1-ylmethyl)pyridine as a Catalyst for Ethylene Polymerization. Molecules, 2013, 18, 4728-4738.	3.8	23
30	Transition metal coordination polymers: Synthesis and catalytic study for hydroxylation of phenol and benzene. Applied Catalysis A: General, 2012, 435-436, 148-155.	4.3	21
31	A reactivity-selectivity study of the Friedel-Crafts acetylation of 3,3'-dimethylbiphenyl and the oxidation of the acetyl derivatives. Chemistry Central Journal, 2012, 6, 52.	2.6	2
32	Synthesis, Characterization and Physiochemical Properties of Platinum Supported on Mesoporous Carbon. , 2011, , .		0
33	Synthesis of Highly Dispersed Carbon Supported Platinum Nanocatalyst for Fuel Cells. , 2011, , .		1
34	Hydroxylation of Phenol Catalyzed by Oxovanadium(IV) of Salen-Type Schiff Base Complexes with Hydrogen Peroxide. Catalysis Letters, 2010, 136, 228-233.	2.6	35
35	Bis(Pyrazolyl)Pyridine Late Transition Metal Complexes as Single-Site Catalysts for Ethylene Polymerization to Highly Linear Polyethylene. Catalysis Letters, 2010, 139, 90-96.	2.6	12
36	Synthesis and Catalytic Activity of Cu(II), Fe(III) and Bi(III) Complexes of Thio-Schiff Base Encapsulated in Zeolite-Y for Hydroxylation of Phenol. Topics in Catalysis, 2010, 53, 254-264.	2.8	41

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37	Metallo Salicylidenetriazol Complexes Encapsulated in Zeolite-Y: Synthesis, Physicochemical Properties and Catalytic Studies. Topics in Catalysis, 2010, 53, 1401-1410.	2.8	32
38	Di-, tri- and tetra-valent ion-exchanged NaY zeolite: Active heterogeneous catalysts for hydroxylation of benzene and phenol. Applied Catalysis A: General, 2009, 356, 167-171.	4.3	42
39	The synthesis of mono- and diacetyl-9H-fluorenes. Reactivity and selectivity in the Lewis acid catalyzed Friedel-Crafts acetylation of 9H-fluorene. Arkivoc, 2008, 2008, 91-105.	0.5	15
40	Preparation of mono- and diacetyl 4,4'-dimethylbiphenyl and their corresponding carboxylic acids: Reactivity, selectivity and isomer distribution studies via Lewis acid catalyzed Friedel-Crafts acetylation/oxidation. Journal of Molecular Catalysis A, 2007, 273, 169-176.	4.8	3
41	Bis(pyrazolyl)pyridine vanadium(III) complexes as highly active ethylene polymerization catalysts. Journal of Organometallic Chemistry, 2007, 692, 5327-5330.	1.8	22
42	Synthesis, characterization and study of polymeric iron(III) complexes with bidentate p-hydroxy Schiff bases as heterogeneous catalysts. Journal of Molecular Catalysis A, 2005, 225, 225-232.	4.8	41
43	Investigation of [Ni{Me4Bzo2[14]aneN4}]Cl2 catalyzed selective hydroxylation of phenol to catechol by H2O2 in the homogeneous medium. Journal of Molecular Catalysis A, 2004, 218, 125-132.	4.8	24
44	Synthesis, spectroscopic and molecular structures investigations of some carboxylated schiff bases. Journal of Molecular Structure, 2004, 705, 121-126.	3.6	4
45	Title is missing!. Catalysis Letters, 2003, 86, 97-105.	2.6	67
46	A Conductance Study of Zinc Halides and Perchlorate and of Magnesium Perchlorate in Propylene Carbonate-Tetrahydrofuran Mixtures at 25°C. Bulletin of the Chemical Society of Japan, 1990, 63, 2447-2449.	3.2	1
47	1H and C-13 NMR Study of the Molecular Structure of New Di-(β^2 -Keto) Schiff bases. Spectroscopy Letters, 1990, 23, 447-457.	1.0	7