Subhi A Al-Jibori

List of Publications by Year
in descending order

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48	778	516710 16	552781 26
papers	citations	h-index	g-index

48	48	48	400
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Eco-friendly C60-SESMP-Fe3O4 inorganic magnetizable nanocomposite as high-performance adsorbent for magnetic removal of arsenic from crude oil and water samples. Materials Chemistry and Physics, 2019, 231, 292-300.	4.0	68
2	Ag(I)-benzisothiazolinone complex: synthesis, characterization, H₂ storage ability, nano transformation to different Ag nanostructures and Ag nanoflakes antimicrobial activity. Materials Research Express, 2019, 6, 125071.	1.6	68
3	A novel synthesis of MnO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e270" altimg="si5.svg"><mml:msub><mml:mrow /><mml:mrow><mml:mi mathvariant="bold">2</mml:mi></mml:mrow></mml:msub></mml:math>, nanoflowers as an efficient heterogeneous catalyst for oxidative desulfurization of thiophenes. Nano Structures Nano Objects, 2019, 20, 100392.	3.5	55
4	H2 storage abilities of some novel Pd(II) complexes containing 2H[1,4]benzothiazin-3(4H)-one. Inorganic Chemistry Communication, 2019, 106, 11-17.	3.9	43
5	Heterobimetallic complexes of palladium(II) and platinum(II) bridged by the ligand 5-phenyl-1,3,4-oxadiazole-2-thione. Polyhedron, 2004, 23, 2013-2020.	2.2	27
6	Palladium(II) saccharinate (sac) and thiosaccharinate (tsac) complexes with 2-aminopyridine (2-ampy), 2-acetylaminopyridine (2-aampy) and 2-acetylaminopyrimidine (2-aampym) co-ligands: X-ray crystal structures of trans-[Pd(sac)2(ampy)2] and solvatomorphs trans-[Pd(sac)2(2-aampy)2]Â·S (S=CHCl3, thf). Inorganica Chimica Acta, 2013, 402, 69-74.	2.4	27
7	Combining anti-cancer drugs with artificial sweeteners: Synthesis and anti-cancer activity of saccharinate (sac) and thiosaccharinate (tsac) complexes cis -[Pt(sac) 2 (NH 3) 2] and cis -[Pt(tsac) 2 (NH 3) 2]. Journal of Inorganic Biochemistry, 2014, 141, 55-57.	3.5	27
8	Novel Hg(II) and Pd(II) benzotriazole (Hbta) complexes: Synthesis, characterization, X-ray crystal structure of [Pd(PPh3)(Î¼-bta)Cl]2. DMSO and thermodynamic study of their H2 storage. Journal of Molecular Structure, 2020, 1207, 127832.	3.6	27
9	Thiosaccharinate binding to palladium(II) and platinum(II): Synthesis and molecular structures of sulfur-bound complexes [M(Îº1-tsac)2(Îº2-diphosphane)]. Inorganica Chimica Acta, 2013, 398, 117-123.	2.4	24
10	New divalent metal ion complexes with 1,8-diaminonapthalene-2-thione: Synthesis, Spectroscopic, anti-bacterial and anticancer activity studies. Journal of Molecular Structure, 2022, 1247, 131291.	3.6	21
11	Platinum and palladium bis(diphenylphosphino)ferrocene (dppf) complexes with heterocyclic N-acetamide ligands: Synthesis and molecular structures of [MCl(sac)(Îº2-dppf)] (M=Pt, Pd,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 Chimica Acta, 2013, 398, 46-53.	2.4	20
12	Heteroleptic palladium(II) and platinum(II) complexes of 1,1-bis(diphenylphosphino)ferrocene (dppf) and heterocyclic thionates: Crystal structures of [Pt(Phozt)2(Îº2-dppf)] (PhoztH=5-phenyl-1,3,4-oxadiazole-2-thione) and [Pd(bzoxt)2(Îº2-dppf)] (bzoxtH=benz-1,3-oxazoline-2-thione). Polyhedron, 2012, 41, 20-24.	2.2	19
13	Mononuclear and heterobimetallic palladium(II) and platinum(II) complexes containing the mixed ligands N-(2-pyridyl or 2-pyrimidyl) acetamide and tertiary diphosphine. Transition Metal Chemistry, 2007, 32, 398-406.	1.4	18
14	Palladium(II) benzisothiazolinate (bit) complexes with amino-, acetylamino-, heterocyclic and phosphine co-ligands. Crystal structure of [Pd(bit)2(Îº2-dppe)]Â·2EtOH. Inorganica Chimica Acta, 2015, 436, 7-15.	2.4	17
15	Pd (II)- pyrrolidine dithiocarbamate complexes: Synthesis, spectroscopic studies and molecular structure of [Pd(PyDT)(ppy)]. Journal of Molecular Structure, 2021, 1227, 129524.	3.6	17
16	Hydrogen storage capacity of novel mixed ligand complexes of lead(II): Molecular structure of [Pb2(tsac)4(Âµ-dppe)]. Inorganic Chemistry Communication, 2021, 125, 108444.	3.9	17
17	Promising bio-active complexes of platinum(II) and palladium(II) derived from heterocyclic thiourea: Synthesis, characterization, DFT, molecular docking, and anti-cancer studies. Journal of Molecular Structure, 2022, 1252, 132198.	3.6	17
18	Mixed ligand palladium(II) and platinum(II) complexes of tertiary diphosphines and benz-1,3-imidazoline-2-thione, benz-1,3-oxazoline-2-thione or benz-1,3-thiazoline-2-thione. Transition Metal Chemistry, 2007, 32, 281-286.	1.4	16

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19	Palladium(II) saccharinate (sac) and thiosaccharinate (tsac) complexes with supporting amino- and acetylamino-thiazole ligands: Crystal structures of trans-[PdCl2(abzt)2]Â·dmf (abzt=2-aminobenzothiazole), trans-[PdCl2(bzta)2].dmf (bzta=2-acetylaminobenzothiazole) and trans-[Pd(sac)2(abzt)2]Â·2dmf. Polyhedron, 2014, 67, 338-343.	2.2	16
20	Synthesis, characterization and H2 uptake of novel Hg(II) complexes containing 1,4-benzothiazin-3-one. Materials Today: Proceedings, 2021, 43, 875-882.	1.8	16
21	Mixed ligand palladium(II) complexes of N-hydroxy-methylsaccharin (Sac-CH2OH): synthesis, characterization and biological studies. Transition Metal Chemistry, 2015, 40, 917-921.	1.4	15
22	Palladium(II) complexes with 2-acetylamino-5-mercapto-1,3,4-thiadiazolate (amta) ligands: Molecular structures of the all trans dipalladium â€œpaddlewheelâ€•Pd2(Î¼-amta)4 and Pd(Îº1-amta)2(Îº2-dppe). Polyhedron, 2012, 44, 210-214.	2.2	14
23	Synthesis and reactivity towards amines of benzisothiazolinate-bridged paddlewheel dimers [M2(Î¼-bit)4Â·2H2O] (Mâ€¯=â€¯Mn, Co, Ni, Cu). Inorganica Chimica Acta, 2019, 488, 152-158.	2.4	14
24	A comparative study of the coordination of saccharinate (sac), thiosaccharinate (tsac) and benzisothiazolinate (bit) ligands to trans-[PdCl2(H2NBz)2]: molecular structure of cis-[Pd(bit)2(H2NBz)2]. Transition Metal Chemistry, 2017, 42, 79-84.	1.4	13
25	Title is missing!. Transition Metal Chemistry, 2002, 27, 191-195.	1.4	12
26	Mercury(II) saccharinate (sac) complexes: Synthesis and molecular structures of [Hg(sac)2(2-ampy)2], [Hg(sac)2(2-ampy)(MeOH)], [Hg(sac)2(2-abt)(MeOH)], [Hg(sac)2(2-abt)(dmso)] (2-ampy=2-aminopyridine,) Tj ET Q q 0 0 0 rg BT /Overlo	2.4	12
27	Synthesis and molecular structures of palladium(II) metalated 2-phenylpyridine complexes [PdCl(pyC6H4)L] containing amino- or acetylamino-pyridine co-ligands. Inorganica Chimica Acta, 2016, 450, 50-56.	2.4	11
28	A comparative study of the coordination of saccharinate, thiosaccharinate and benzisothiozolinate ligands to cyclometalated [Pd(Me2NCH2C6H4-Îº N,C)(Î¼-Cl)]2: Molecular structures of [Pd(Me2NCH2C6H4-Îº N,C)(Âµ-X)]2 (Xâ€¯=â€¯sac, bit and tsac) and [Pd(Me2NCH2C6H4-Îº N,C)Cl(ampyH-Îº N)] (ampyHâ€¯=â€¯2-amino-3-methylpyridine). Inorganica Chimica Acta, 2018, 479, 197-202.	2.4	11
29	Novel base-free dianion complexes of Pt(II) and Pd(II) derived from heterocyclic thiourea and tertiary phosphine ligands. Journal of Molecular Structure, 2022, 1251, 131966.	3.6	11
30	Antibacterial, spectroscopic and X-ray crystallography of newly prepared heterocyclic thiourea dianion platinum(II) complexes with tertiary phosphine ligands. Polyhedron, 2022, 212, 115602.	2.2	11
31	cisâ€“trans Isomerism at Square-Planar MN2S2 Centers (MÂ=ÂPd, Pt): Crystal Structures of N-Phenyl-N-(2-thiazoyl)thiourea Complexes trans-Pd(S2N3C10H8)2 and cis-Pt(S2N3C10H8)2 and Density Functional Calculations. Journal of Chemical Crystallography, 2013, 43, 365-372.	1.1	10
32	Synthesis, characterization, anti-bacterial and anticancer activities of Palladium(II) mixed ligand complexes of 2-mercapto-5-methyl-1,3,4-thiadiazole (HmtzS) and phosphines. Crystal structure of [Pd(mtzS)2(dppf)].H2O.EtOH. Journal of Molecular Structure, 2022, 1264, 133219.	3.6	9
33	Hydrogen Storage Capacity and Thermodynamic Calculations of Mercury(II) and Palladium(II) Synâ€2â€Pyridine Aldoxime Complexes. Macromolecular Symposia, 2022, 401, .	0.7	8
34	Title is missing!. Transition Metal Chemistry, 2001, 26, 186-188.	1.4	7
35	Phosphine-promoted ring-opening of benzisothiazolinate ligands at a nickel(<scp>ii</scp>) centre: a convenient synthesis of Ni(<scp>ii</scp>)-thiolate complexes. Dalton Transactions, 2019, 48, 5520-5522.	3.3	7
36	Mercury(II) mixed ligand complexes of phosphines or amines with 2-cyanoamino thiophenolate ligands formed via monodeprotonation and carbonâ€“sulfur bond cleavage of 2-aminobenzothiazole. X-ray crystal structures of [Hg(SC6H4NCN)(PPh3)]2 and [Hg(SC6H4NCN)(Ph2PCH2PPh2)]2. Polyhedron, 2021, 206, 115349.	2.2	7

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37	Palladium(II) saccharinate complexes trans-[Pd(sac)2(LH)2] with amino- and acetylamino-pyridine co-ligands: molecular structures of trans-[PdCl2(2-ampyH)2].2dmf (2-ampyHÂ=Â2-amino-3-methylpyridine) and trans-[Pd(Îº2-2-acmpy)2] (2-acmpyHÂ=Â2-acetylamino-3-methylpyridine). Transition Metal Chemistry, 2014, 39, 735-740.	1.4	6
38	Formation of ortho-cyano-aminothiophenolate ligands with versatile binding modes via facile carbonâ€“sulfur bond cleavage of 2-aminobenzothiazoles at mercury(ii) centres. Dalton Transactions, 2015, 44, 14217-14219.	3.3	6
39	Cadmium(II) thiosaccharinate (tsac) complexes: Crystal structures of [Cd(tsac)2(abtH)2] (abtH =) Tj ETQq1 1 0.784314 rgBT /Overlock [Cd(Îł-tsac)(tsac)(Îº2-aapH)]2 (aapH = 2-acetylaminopyridine). Inorganica Chimica Acta, 2017, 459, 73-79.	2.4	6
40	Synthesis and molecular structure of the twelve-membered metallamacrocycle [Hg2(Îł-2,6-dapy)2] (2,6-dapyH2=2,6-diacetamidopyridine). Inorganica Chimica Acta, 2014, 410, 118-121.	2.4	5
41	Synthesis, characterization and anti-tumor activity of Pd(II) complexes with 4,5-benzo-3H-1,2-dithiole-3-thione. Transition Metal Chemistry, 2019, 44, 575.	1.4	4
42	Synthesis and in vitro cytotoxicity studies of Pd(II) and Pt(II) acetamide complexes: Molecular structures of trans-[PdCl2(bzmta)2].DMF (bzmtaÂ=Â2-acetylamino-6-methylbenzothiazole) and cis-[PtCl2(bzta)2].2DMF (bztaÂ=Â2-acetylaminobenzothiazole). Polyhedron, 2020, 185, 114591.	2.2	4
43	Synthesis, structure and reactivity with phosphines of Hg(<scp>ii</scp>) ortho-cyano-aminothiophenolate complexes formed via Câ€“S bond cleavage and dehydrogenation of 2-aminobenzothiazoles. Dalton Transactions, 2022, , .	3.3	4
44	Facile synthesis and molecular structure of the tris(amine) complex [PdCl(H2NBz)3]ClÂ·H2O. Inorganic Chemistry Communication, 2015, 62, 91-93.	3.9	3
45	Mercury (II) benzisothiazolinate (bit) complexes with diamine or phosphine co-ligands, and subsequent conversion to 2-mercaptobenzamide complexes. Crystal structures of [Hg(bit)2(L2)], L2Â=Âbipyridine or phenanthroline. Polyhedron, 2021, 206, 115353.	2.2	3
46	Spectroscopic, antibacterial and anti-cancer studies of new platinum(II)-diethyldithiocarbamate mixed ligand complexes with phosphine or amine ligands. Journal of Molecular Structure, 2022, 1252, 132227.	3.6	3
47	Synthesis and characterization of platinum(II) and palladium(II) diphosphine complexes with heterocyclic N-acetamide or saccharinate ligands. Chemical Data Collections, 2020, 30, 100542.	2.3	1
48	Palladium(II) 2-mercaptobenzamide (o-SC6H4CONH2) complexes: Crystal structure of trans-[Pd(o-SC6H4CONH2)2(PPh3)2]. Polyhedron, 2022, 216, 115721.	2.2	1