

Ajai K Singh

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Palladium(η^2) complexes of 2,2-tellurobis(<i>N,N</i> -diphenyl acetamide): efficient catalysts for Suzuki-Miyaura coupling at room temperature under air. <i>New Journal of Chemistry</i> , 2022, 46, 966-973.	1.4	2
2	Coinage metal chalcogenides via single-source precursors. , 2022, , 531-562.		1
3	Easily synthesizable benzothiazole based designers palladium complexes for catalysis of Suzuki coupling: Controlling effect of aryl substituent of ligand on role and composition of insitu generated binary nanomaterial (PdS or Pd ₁₆ S ₇). <i>Catalysis Communications</i> , 2021, 149, 106242.	1.6	18
4	Organoselenium ligand-stabilized copper nanoparticles: Development of a magnetically separable catalytic system for efficient, room temperature and aqueous phase reduction of nitroarenes. <i>Inorganica Chimica Acta</i> , 2021, 522, 120267.	1.2	21
5	Catalytically active nanosized Pd ₉ Te ₄ (telluropalladinite) and PdTe (kotulskite) alloys: first precursor-architecture controlled synthesis using palladium complexes of organotellurium compounds as single source precursors. <i>RSC Advances</i> , 2021, 11, 7214-7224.	1.7	25
6	Fast Transfer Hydrogenation (TH) in Aerobic Condition and Oxidation of Alcohols with <i>N,N</i> -Methylmorpholine- <i>N</i> -oxide Catalyzed by Ru(II) Ligated with Chalcogenated Pyridines and PPH ₃ . <i>ChemistrySelect</i> , 2020, 5, 9572-9578.	0.7	4
7	Sonogashira Coupling (Cu/Amine-Free) of ArBr/Cl in Aerobic Condition and <i>N</i> -Benzoylation of Aniline with Benzyl Alcohol Catalyzed by Complexes of Pd(II) with Sulfated/Selenated NHCs. <i>ChemistrySelect</i> , 2020, 5, 2925-2934.	0.7	8
8	Catalysis with magnetically retrievable and recyclable nanoparticles layered with Pd(0) for C-C/O coupling in water. <i>RSC Advances</i> , 2020, 10, 6452-6459.	1.7	17
9	Ultra-small palladium nano-particles synthesized using bulky S/Se and N donor ligands as a stabilizer: application as catalysts for Suzuki-Miyaura coupling. <i>RSC Advances</i> , 2019, 9, 22313-22319.	1.7	26
10	Bidentate organochalcogen ligands (N, E; E = S/Se) as stabilizers for recyclable palladium nanoparticles and their application in Suzuki-Miyaura coupling reactions. <i>Polyhedron</i> , 2019, 171, 120-127.	1.0	25
11	Chalcogen (S/Se) Ligated Palladium(II) Complexes of Bulky Ligands: Application in <i>O</i> -Arylation of Phenol. <i>ChemistrySelect</i> , 2019, 4, 10765-10769.	0.7	22
12	Graphene oxide supported cobalt phosphide nanorods designed from a molecular complex for efficient hydrogen evolution at low overpotential. <i>Chemical Communications</i> , 2019, 55, 2186-2189.	2.2	15
13	Oxidative C-C bond formation and C-N bond cleavage catalyzed by complexes of copper(η^1) with acridine based (E N E) pincers (E = S/Se), recyclable as a catalyst. <i>Dalton Transactions</i> , 2019, 48, 10129-10137.	1.6	12
14	Solvent-tailored Pd ₃ P _{0.95} nano catalyst for amide-nitrile inter-conversion, the hydration of nitriles and transfer hydrogenation of the C=O bond. <i>Dalton Transactions</i> , 2019, 48, 10962-10970.	1.6	11
15	Complexes of Pd(II), η^6 -C ₆ H ₆ Ru(II), and η^5 -Cp*Rh(III) with Chalcogenated Schiff Bases of Anthracene-9-carbaldehyde and Base-Free Catalytic Transfer Hydrogenation of Aldehydes/Ketones and <i>N,N</i> -Alkylation of Amines. <i>Organometallics</i> , 2019, 38, 944-961.	1.1	35
16	Regioselective Synthesis of <i>N,N</i> -2-Alkylated-1,2,3-Triazoles and <i>N,N</i> -1-Alkylated Benzotriazoles: Cu ₂ S as a Recyclable Nanocatalyst for Oxidative Amination of <i>N,N</i> -Dimethylbenzylamines. <i>Journal of Organic Chemistry</i> , 2018, 83, 3226-3235.	1.7	22
17	Chalcone Based Homodimeric PET Agent, ^{11}C -(Chal) ₂ DEA-Me, for Beta Amyloid Imaging: Synthesis and Bioevaluation. <i>Molecular Pharmaceutics</i> , 2018, 15, 1515-1525.	2.3	13
18	Base free <i>N,N</i> -alkylation of anilines with ArCH ₂ OH and transfer hydrogenation of aldehydes/ketones catalyzed by the complexes of η^5 -Cp*Ir(η^3) with chalcogenated Schiff bases of anthracene-9-carbaldehyde. <i>Dalton Transactions</i> , 2018, 47, 3764-3774.	1.6	26

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19	Nanoflowers of Cu _{1.8} S: Free and Decorated on Graphene Oxide (GO@Cu _{1.8} S) as Efficient and Recyclable Catalysts for C–O Coupling. ACS Applied Nano Materials, 2018, 1, 2164-2174.	2.4	19
20	Palladium(II) Complexes of N-Heterocyclic Carbene Amidates Derived from Chalcogenated Acetamide-Functionalized 1 <i>H</i> -Benzimidazolium Salts: Recyclable Catalyst for Regioselective Arylation of Imidazoles under Aerobic Conditions. Organometallics, 2018, 37, 2669-2681.	1.1	37
21	GO@Cu ₇ S ₄ catalyzed <i>ortho</i> -aminomethylation of phenol derivatives with <i>N,N</i> -dimethylbenzylamines: site-selective oxidative CDC. Chemical Communications, 2018, 54, 7511-7514.	2.2	18
22	Palladacycles of sulfated and selenated Schiff bases of ferrocene-carboxaldehyde as catalysts for O-arylation and Suzuki–Miyaura coupling. Dalton Transactions, 2017, 46, 2485-2496.	1.6	40
23	Complexes of (i ⁵ -Cp*)Ir(III) with 1-benzyl-3-phenylthio/selenomethyl-1,3-dihydrobenzoimidazole-2-thione/selenone: catalyst for oxidation and 1,2-substituted benzimidazole synthesis. Dalton Transactions, 2017, 46, 2228-2237.	1.6	44
24	Oxine based unsymmetrical (O ⁺ , N, S/Se) pincer ligands and their palladium(II) complexes: synthesis, structural aspects and applications as a catalyst in amine and copper-free Sonogashira coupling. New Journal of Chemistry, 2017, 41, 2745-2755.	1.4	21
25	Reusable Catalyst for Transfer Hydrogenation of Aldehydes and Ketones Designed by Anchoring Palladium as Nanoparticles on Graphene Oxide Functionalized with Selenated Amine. ACS Applied Materials & Interfaces, 2017, 9, 2223-2231.	4.0	51
26	Sonogashira (Cu and amine free) and Suzuki coupling in air catalyzed <i>via</i> nanoparticles formed <i>in situ</i> from Pd(II) complexes of chalcogenated Schiff bases of 1-naphthaldehyde and their reduced forms. Dalton Transactions, 2017, 46, 15235-15248.	1.6	30
27	Palladacycles having normal and spiro chelate rings designed from bi- and tridentate ligands with an indole core: structure, synthesis and applications as catalysts. New Journal of Chemistry, 2017, 41, 11342-11352.	1.4	9
28	Trinuclear complexes of palladium(II) with chalcogenated N-heterocyclic carbenes: catalysis of selective nitrile–primary amide interconversion and Sonogashira coupling. Dalton Transactions, 2017, 46, 13065-13076.	1.6	31
29	Palladium(II) complexes of N,N-diphenylacetamide based thio/selenoethers and flower shaped Pd ₁₆ S ₇ and prismatic Pd ₁₇ Se ₁₅ nano-particles tailored as catalysts for C–C and C–O coupling. Dalton Transactions, 2017, 46, 10037-10049.	1.6	23
30	Polymeric Complex of 1-Phenylsulfanyl/selenylmethyl-1 <i>H</i> -1,2,4-triazole with Ag(I): Pre-catalyst for A ³ Coupling Affording Propargylamines on a Gram/Lab Scale. ChemistrySelect, 2016, 1, 3573-3579.	0.7	13
31	Cu ₆ Se _{4.5} Nanoparticles from a single source precursor: Recyclable and efficient catalyst for cross-dehydrogenative coupling of tertiary amines with terminal alkynes. Journal of Molecular Catalysis A, 2016, 423, 135-142.	4.8	24
32	Click™ generated 1,2,3-triazole based organosulfur/selenium ligands and their Pd(II) and Ru(II) complexes: their synthesis, structure and catalytic applications. Dalton Transactions, 2016, 45, 11445-11458.	1.6	27
33	Bivalent Approach for Homodimeric Estradiol Based Ligand: Synthesis and Evaluation for Targeted Theranosis of ER(+) Breast Carcinomas. Bioconjugate Chemistry, 2016, 27, 961-972.	1.8	17
34	Palladacycles of unsymmetrical (N,C ⁺ ,E) (E = S/Se) pincers based on indole: their synthesis, structure and application in the catalysis of Heck coupling and allylation of aldehydes. Dalton Transactions, 2016, 45, 6718-6725.	1.6	27
35	Pyrazole-stabilized Dinuclear Palladium(II) Chalcogenolates Formed by Oxidative Addition of Bis[2-(4-bromopyrazol-1-yl)ethyl] Dichalcogenides to Palladium(II) – Tailoring of Pd–S/Se Nanoparticles. European Journal of Inorganic Chemistry, 2015, 2015, 4829-4838.	1.0	16
36	Catalytic Synthesis of Bi- and Teraryls in Aqueous Medium with Palladium(II) Complexes of 2-(Pyridine-2-ylmethylsulfanyl)benzoic Acid. European Journal of Inorganic Chemistry, 2015, 2015, 520-526.	1.0	7

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37	Tetragonal Cu ₂ Se nanoflakes: synthesis using selenated propylamine as Se source and activation of Suzuki and Sonogashira cross coupling reactions. Dalton Transactions, 2015, 44, 725-732.	1.6	34
38	Palladium(II)-1-phenylthio-2-arylchalcogenoethane complexes: palladium phosphide nano-peanut and ribbon formation controlled by chalcogen and Suzuki coupling activation. Dalton Transactions, 2015, 44, 6600-6612.	1.6	31
39	Suzuki Coupling Reactions Catalyzed with Palladacycles and Palladium(II) Complexes of 2-Thiophenemethylamine-Based Schiff Bases: Examples of Divergent Pathways for the Same Ligand. European Journal of Inorganic Chemistry, 2015, 2015, 1542-1551.	1.0	24
40	Efficient catalytic activation of Suzuki-Miyaura C coupling reactions with recyclable palladium nanoparticles tailored with sterically demanding di-n-alkyl sulfides. RSC Advances, 2015, 5, 20081-20089.	1.7	23
41	Complexes of (η ⁶ -benzene)ruthenium(II) with 1,4-bis(phenylthio/seleno-methyl)-1,2,3-triazoles: synthesis, structure and applications in catalytic activation of oxidation and transfer hydrogenation. Dalton Transactions, 2015, 44, 19141-19152.	1.6	22
42	Acridine based (S,N,S) pincer ligand: designing silver(I) complexes for the efficient activation of A ₃ (aldehyde, alkyne and amine) coupling. Dalton Transactions, 2015, 44, 1962-1968.	1.6	36
43	Palladium(II) complex of an organotellurium ligand as a catalyst for Suzuki Miyaura coupling: Generation and role of nano-sized Pd ₃ Te ₂ . Journal of Organometallic Chemistry, 2014, 749, 1-6.	0.8	46
44	Influence of pendent alkyl chains on Heck and Sonogashira C coupling catalyzed with palladium(II) complexes of selenated Schiff bases having liquid crystalline properties. Journal of Organometallic Chemistry, 2014, 753, 42-47.	0.8	29
45	(η ⁵ -Cp*)Rh(III)/Ir(III) Complexes with Bis(chalcogenoethers) (E, E ² Ligands: E = S/Se; E ² = S/Se): Synthesis, Structure, and Applications in Catalytic Oppenauer-Type Oxidation and Transfer Hydrogenation. Organometallics, 2014, 33, 983-993.	1.1	27
46	Complex of 2-(methylthio)aniline with palladium(II) as an efficient catalyst for Suzuki-Miyaura CC coupling in eco-friendly water. Journal of Hazardous Materials, 2014, 269, 18-23.	6.5	24
47	Efficient catalysis of Suzuki-Miyaura CC coupling reactions with palladium(II) complexes of partially hydrolyzed bisimine ligands: A process important in environment context. Journal of Hazardous Materials, 2014, 269, 9-17.	6.5	33
48	Formation and Role of Palladium Chalcogenide and Other Species in Suzuki-Miyaura and Heck C Coupling Reactions Catalyzed with Palladium(II) Complexes of Organochalcogen Ligands: Realities and Speculations. Organometallics, 2014, 33, 2921-2943.	1.1	110
49	Shape dependent catalytic activity of nanoflowers and nanospheres of Pd ₄ S generated via one pot synthesis and grafted on graphene oxide for Suzuki coupling. Dalton Transactions, 2014, 43, 12555.	1.6	42
50	Palladium(II) complexes bearing the 1,2,3-triazole based organosulfur/ selenium ligand: synthesis, structure and applications in Heck and Suzuki-Miyaura coupling as a catalyst via palladium nanoparticles. RSC Advances, 2014, 4, 56102-56111.	1.7	50
51	Magnetite nanoparticles coated with ruthenium via SePh layer as a magnetically retrievable catalyst for the selective synthesis of primary amides in an aqueous medium. Dalton Transactions, 2014, 43, 12365.	1.6	27
52	Sterically hindered selenoether ligands: palladium(II) complexes as catalytic activators for Suzuki-Miyaura coupling. RSC Advances, 2014, 4, 41659-41665.	1.7	21
53	Half-Sandwich Rhodium/Iridium(III) Complexes Designed with Cp* and 1,2-Bis(phenylchalcogenomethyl)benzene as Catalysts for Transfer Hydrogenation in Glycerol. Organometallics, 2014, 33, 2535-2543.	1.1	41
54	Transfer Hydrogenation (pH Independent) of Ketones and Aldehydes in Water with Glycerol: Ru, Rh, and Ir Catalysts with a COOH Group near the Metal on a (Phenylthio)methyl-2-pyridine Scaffold. Organometallics, 2014, 33, 3804-3812.	1.1	43

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55	Catalyst Activation with Cp*Rh ^{III} /Ir ^{III} 1,2,3-Triazole-Based Organochalcogen Ligand Complexes: Transfer Hydrogenation via Loss of Cp* and N-Methylmorpholine N-Oxide Based vs Oppenauer-Type Oxidation. <i>Organometallics</i> , 2014, 33, 2341-2351.	1.1	38
56	2-Propanol vs Glycerol as Hydrogen Source in Catalytic Activation of Transfer Hydrogenation with (1-6-benzene)ruthenium(II) Complexes of Unsymmetrical Bidentate Chalcogen Ligands. <i>Organometallics</i> , 2014, 33, 3629-3639.	1.1	56
57	Palladium phosphorus/sulfur nanoparticles (NPs) decorated on graphene oxide: synthesis using the same precursor for NPs and catalytic applications in Suzuki-Miyaura coupling. <i>Nanoscale</i> , 2014, 6, 4588.	2.8	53
58	Ga based probe for Alzheimer's disease: synthesis and preclinical evaluation of homodimeric chalcone in 12-amyloid imaging. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 7328.	1.5	32
59	Graphene oxide grafted with Pd ₁₇ Se ₁₅ nano-particles generated from a single source precursor as a recyclable and efficient catalyst for C-O coupling in O-arylation at room temperature. <i>Chemical Communications</i> , 2013, 49, 7483.	2.2	62
60	Single source precursor routes for synthesis of PdTe nanorods and particles: solvent dependent control of shapes. <i>Chemical Communications</i> , 2013, 49, 9344.	2.2	28
61	Selenium containing imidazolium salt in designing single source precursors for silver bromide and selenide nano-particles. <i>Dalton Transactions</i> , 2013, 42, 2366.	1.6	22
62	Palladium(ii)-(E,N,E) pincer ligand (E = S/Se/Te) complex catalyzed Suzuki coupling reactions in water via in situ generated palladium quantum dots. <i>Dalton Transactions</i> , 2013, 42, 16939.	1.6	59
63	Palladium(ii) complexes of pyrazolated thio/selenoethers: syntheses, structures, single source precursors of Pd ₄ Se and PdSe nano-particles and potential for catalyzing Suzuki-Miyaura coupling. <i>Dalton Transactions</i> , 2013, 42, 3908.	1.6	76
64	Organosulphur and related ligands in Suzuki-Miyaura C-C coupling. <i>Dalton Transactions</i> , 2013, 42, 5200.	1.6	89
65	Selenium-Containing N-Heterocyclic Carbenes and Their First Palladium(II) Complexes: Synthesis, Structure, and Pendant Alkyl Chain Length Dependent Catalytic Activity for Suzuki-Miyaura Coupling. <i>Organometallics</i> , 2013, 32, 2443-2451.	1.1	67
66	Chalcogen-Dependent Palladation at the Benzyl Carbon of 2,3-Bis[(phenylchalcogeno)methyl]quinoxaline: Palladium Complexes Catalyzing Suzuki-Miyaura Coupling via Palladium-Chalcogen Nanoparticles. <i>Organometallics</i> , 2013, 32, 387-395.	1.1	45
67	Palladacycles of Thioethers Catalyzing Suzuki-Miyaura C-C Coupling: Generation and Catalytic Activity of Nanoparticles. <i>Organometallics</i> , 2013, 32, 2452-2458.	1.1	84
68	Half-Sandwich Ruthenium(II) Complexes of Click Generated 1,2,3-Triazole Based Organosulfur-selenium Ligands: Structural and Donor Site Dependent Catalytic Oxidation and Transfer Hydrogenation Aspects. <i>Organometallics</i> , 2013, 32, 3595-3603.	1.1	76
69	Half sandwich complexes of chalcogenated pyridine based bi-(N, S/Se) and terdentate (N, S/Se, N) ligands with (1-6-benzene)ruthenium(ii): synthesis, structure and catalysis of transfer hydrogenation of ketones and oxidation of alcohols. <i>Dalton Transactions</i> , 2013, 42, 8736.	1.6	38
70	Organochalcogen ligands and their palladium(ii) complexes: Synthesis to catalytic activity for Heck coupling. <i>RSC Advances</i> , 2012, 2, 12552.	1.7	84
71	Palladium(ii)-selenated Schiff base complex catalyzed Suzuki-Miyaura coupling: Dependence of efficiency on alkyl chain length of ligand. <i>Dalton Transactions</i> , 2012, 41, 1931-1937.	1.6	93
72	Palladium(ii)-selenoether complexes as new single source precursors: First synthesis of Pd ₄ Se and Pd ₇ Se ₄ nanoparticles. <i>Dalton Transactions</i> , 2012, 41, 1142-1145.	1.6	47

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73	Organoselenium ligands in catalysis. Dalton Transactions, 2012, 41, 11949.	1.6	118
74	Efficient Catalysis of Transfer Hydrogenation of Ketones and Oxidation of Alcohols with Newly Designed Half-Sandwich Rhodium(III) and Iridium(III) Complexes of Half-Pincer Chalcogenated Pyridines. Organometallics, 2012, 31, 3379-3388.	1.1	47
75	Chalcogenated Schiff bases: Complexation with palladium(II) and Suzuki coupling reactions. Journal of Chemical Sciences, 2012, 124, 1245-1253.	0.7	4
76	Didocosyl selenide stabilized recyclable Pd(0) nanoparticles and coordinated palladium(ii) as efficient catalysts for Suzuki–Miyaura coupling. Dalton Transactions, 2012, 41, 4306.	1.6	43
77	Palladium(II) complexes of tridentate chalcogenated Schiff bases and related ligands of (S, N, S/Se/Te) type: Synthesis and structural chemistry. Inorganica Chimica Acta, 2012, 387, 441-445.	1.2	20
78	π-Piano-Stool-Complexes of Ruthenium(II) Designed with Arenes and N-[2-(Arylchalcogeno)ethyl]morpholines: Highly Active Catalysts for the Oxidation of Alcohols with N-Methylmorpholine N-Oxide, tert-Butyl Hydroperoxide and Sodium Periodate and Oxylchloride. European Journal of Inorganic Chemistry, 2010, 2010, 4187-4195.	1.0	59
79	Palladium and half sandwich ruthenium(II) complexes of selenated and tellurated benzotriazoles: Synthesis, structural aspects and catalytic applications. Journal of Organometallic Chemistry, 2010, 695, 955-962.	0.8	45
80	Reactions of benzene based half sandwich ruthenium(II) complex with 2,6-bis((phenylseleno)methyl)pyridine: Preferential substitution of ring resulting in a catalyst of high activity for oxidation of alcohols. Inorganic Chemistry Communication, 2010, 13, 1370-1373.	1.8	13
81	Transfer Hydrogenation of Ketones and Catalytic Oxidation of Alcohols with Half-Sandwich Complexes of Ruthenium(II) Designed Using Benzene and Tridentate (S, N, E) Type Ligands (E = S, Se, Te). Organometallics, 2010, 29, 6433-6442.	1.1	104
82	Palladacycle containing nitrogen and selenium: highly active pre-catalyst for the Suzuki–Miyaura coupling reaction and unprecedented conversion into nano-sized Pd ₁₇ Se ₁₅ . Chemical Communications, 2010, 46, 5954.	2.2	134
83	Tetradentate selenium ligand as a building block for homodinuclear complexes of Pd(ii) and Ru(ii) having seven membered rings or bis-pincer coordination mode: high catalytic activity of Pd-complexes for Heck reaction. Dalton Transactions, 2010, 39, 10876.	1.6	42
84	Palladium(II), platinum(II), ruthenium(II) and mercury(II) complexes of potentially tridentate Schiff base ligands of (E, N, O) type (E=S, Se, Te): Synthesis, crystal structures and applications in Heck and Suzuki coupling reactions. Inorganica Chimica Acta, 2009, 362, 3208-3218.	1.2	96
85	Half sandwich complexes of Ru(II) and complexes of Pd(II) and Pt(II) with seleno and thio derivatives of pyrrolidine: Synthesis, structure and applications as catalysts for organic reactions. Journal of Organometallic Chemistry, 2009, 694, 3872-3880.	0.8	41
86	Palladium(II) Complexes of the First Pincer (Se,N,Se) Ligand, 2,6-Bis((phenylseleno)methyl)pyridine (L): Solvent-Dependent Formation of [PdCl(L)]Cl and Na[PdCl(L)][PdCl ₄] and High Catalytic Activity for the Heck Reaction. Organometallics, 2009, 28, 6054-6058.	1.1	74
87	Selenated Schiff bases of 2-hydroxyacetophenone and their palladium(II) and platinum(II) complexes: Syntheses, crystal structures and applications in the Heck reaction. Polyhedron, 2008, 27, 485-492.	1.0	58
88	Schiff bases functionalized with PPh ₂ and SPh groups and their Ni(II) and Pd(II) complexes: Synthesis, crystal structures and applications of a Pd complex for Suzuki–Miyaura Coupling. Polyhedron, 2008, 27, 1610-1622.	1.0	49
89	Schiff bases of 1-hydroxy-2-acetonaphthone containing chalcogen functionalities and their complexes with and (p-cymene)Ru(II), Pd(II), Pt(II) and Hg(II): Synthesis, structures and applications in C–C coupling reactions. Journal of Organometallic Chemistry, 2008, 693, 3533-3545.	0.8	84
90	4-[(2-Hydroxyphenyl)imino]methyl-1,2-benzenediol (HIMB) anchored Amberlite XAD-16: Preparation and applications as metal extractants. Talanta, 2007, 71, 282-287.	2.9	34

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91	Macromolecular Chelator Amberlite XAD-16 Anchored with 2,3-Dihydroxypyridine (DHP) for Enrichment of Metal Ions before their Determination by Flame Atomic Absorption Spectrometry. <i>Separation Science and Technology</i> , 2007, 42, 3429-3446.	1.3	6
92	Tellurium-chlorine secondary interactions in palladium(II) complex of MeOC ₆ H ₄ TeCH ₂ CH ₂ NHCH(CH ₃)C ₆ H ₄ -2-OH resulting in self-assembled bimolecular aggregates with short palladium-palladium distances. <i>Structural Chemistry</i> , 2007, 18, 203-207.	1.0	7
93	Enrichment and flame atomic absorption spectrometric determination of palladium using chelating matrices designed by functionalizing Amberlite XAD-2/16 and silica gel. <i>Mikrochimica Acta</i> , 2007, 159, 149-155.	2.5	15
94	Synthesis and single crystal structural investigations on quaternary salts of tellurated alkylamine derivatives. <i>Inorganica Chimica Acta</i> , 2006, 359, 4619-4626.	1.2	5
95	Synthesis and single crystal structure of a three coordinate complex of mercury(II) with 1-(ethylthio)-2-(diphenylphosphino) ethane (L) prepared by a new simple method. <i>Polyhedron</i> , 2006, 25, 2915-2919.	1.0	5
96	1-Ethylthio-2-[2-thienyltelluro]ethane (L) a new (Te,S) ligand: Synthesis and complexation with Ag(I), Cu(I), Pd(II) and Pt(II) Single crystal structures of [PdCl ₂ (L)] and bis(thienyl) tellurium(IV) chloride. <i>Polyhedron</i> , 2006, 25, 3481-3487.	1.0	13
97	Tellurated heterocycles, 2-[(2-thienyltelluro)methyl]tetrahydrofuran (L1) and [(2-thienyltelluro)methyl]tetrahydro-2H-pyran (L2): Synthesis and complexation reactions with Pd(II), Pt(II), Hg(II), Ru(II) and Cu(I). <i>Journal of Organometallic Chemistry</i> , 2006, 691, 3788-3796.	0.8	15
98	2,3-Dihydroxypyridine Loaded Amberlite XAD-2 (AXAD-2-DHP): Preparation, Sorption/Desorption Equilibria with Metal Ions, and Applications in Quantitative Metal Ion Enrichment from Water, Milk and Vitamin Samples. <i>Mikrochimica Acta</i> , 2005, 149, 213-221.	2.5	50
99	Organotellurium Ligands & Their Metal Complexes: Recent Developments. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2005, 180, 903-911.	0.8	19
100	2-[[1-(3,4-Dihydroxyphenyl)methylidene]amino]benzoic acid immobilized Amberlite XAD-16 as metal extractant. <i>Talanta</i> , 2005, 67, 187-194.	2.9	51
101	Silica Gel Loaded with o -Dihydroxybenzene: Design, Metal Sorption Equilibrium Studies and Application to Metal Enrichment Prior to Determination by Flame Atomic Absorption Spectrometry. <i>Mikrochimica Acta</i> , 2004, 144, 233-241.	2.5	48
102	2-[2-(4-Methoxyphenyltelluro)ethyl]thiophene (L1) bis[2-(2-thienyl)ethyl] telluride (L2) and their metal complexes; crystal structure of trans-dichlorobis{2-(2-(4-methoxyphenyltelluro)ethyl)thiophene-Te}palladium(II) and {bis[2-(2-thienyl)ethyl] telluride}dichloro(p-cymene)ruthenium(II). <i>Journal of Organometallic Chemistry</i> , 2004, 689, 2346-2353.	0.8	25
103	First structurally characterized complex of an acyclic tellurated Schiff base [4-MeOC ₆ H ₄ TeCH ₂ CH ₂ N C(CH ₃)C ₆ H ₄ -2-OH (L 1 H)] having metal-tellurium bond; synthesis and crystal structure of [PdCl(L 1)]. <i>Inorganic Chemistry Communication</i> , 2004, 7, 502-505.	1.8	17
104	Equilibrium Studies on the Optimization of Solid-Phase Extraction of Metal Ions with Pyrogallol-Anchored Cellulose Synthesized by a New Method and Applications of the Extraction in Metal Enrichment, Removal, and Determination. <i>Industrial & Engineering Chemistry Research</i> , 2004, 43, 2302-2309.	1.8	15
105	Cellulose based macromolecular chelator having pyrocatechol as an anchored ligand: synthesis and applications as metal extractant prior to their determination by flame atomic absorption spectrometry. <i>Talanta</i> , 2003, 61, 889-903.	2.9	58
106	Organotellurium ligands designing and complexation reactions. <i>Journal of Chemical Sciences</i> , 2002, 114, 357-366.	0.7	24
107	Synthesis and crystal structures of two new (Te, N,) type hybrid organotellurium ligands. <i>Journal of Chemical Research</i> , 2001, 2001, 339-341.	0.6	5
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