Ajai K Singh

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7971206/publications.pdf

Version: 2024-02-01

131	4,589	71102	133252
papers	citations	41 h-index	59 g-index

133	133	133	2979
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Palladium(<scp>ii</scp>) complexes of 2,2â€²-tellurobis(N,N-diphenyl acetamide): efficient catalysts for Suzukiâ€“Miyaura coupling at room temperature under air. New Journal of Chemistry, 2022, 46, 966-973.	2.8	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 Pd16S7). Catalysis Communications, 2021, 149, 106242.	3.3	18
4	Organoselenium ligand-stabilized copper nanoparticles: Development of a magnetically separable catalytic system for efficient, room temperature and aqueous phase reduction of nitroarenes. Inorganica Chimica Acta, 2021, 522, 120267.	2.4	21
5	Catalytically active nanosized Pd₉Te₄(telluropalladinite) and PdTe (kotulskite) alloys: first precursor-architecture controlled synthesis using palladium complexes of organotellurium compounds as single source precursors. RSC Advances, 2021, 11, 7214-7224.	3.6	25
6	Fast Transfer Hydrogenation(TH) in Aerobic Condition and Oxidation of Alcohols with Nâ€Methylmorpholineâ€Nâ€oxide Catalyzed by Ru(II) Ligated with Chalcogenated Pyridines and PPh₃. ChemistrySelect, 2020, 5, 9572-9578.	1.5	4
7	Sonogashira Coupling (Cu/Amineâ€Free) of ArBr/Cl in Aerobic Condition and N â€Benzylation of Aniline with Benzyl Alcohol Catalyzed by Complexes of Pd(II) with Sulfated/Selenated NHCs. ChemistrySelect, 2020, 5, 2925-2934.	1.5	8
8	Catalysis with magnetically retrievable and recyclable nanoparticles layered with Pd(0) for Câ€“C/Câ€“O coupling in water. RSC Advances, 2020, 10, 6452-6459.	3.6	17
9	Ultra-small palladium nano-particles synthesized using bulky S/Se and N donor ligands as a stabilizer: application as catalysts for Suzukiâ€“Miyaura coupling. RSC Advances, 2019, 9, 22313-22319.	3.6	26
10	Bidentate organochalcogen ligands (N, E; Eâ€¯=â€¯S/Se) as stabilizers for recyclable palladium nanoparticles and their application in Suzukiâ€“Miyaura coupling reactions. Polyhedron, 2019, 171, 120-127.	2.2	25
11	Chalcogen (S/Se) Ligated Palladium(II) Complexes of Bulky Ligands: Application in Oâ€Arylation of Phenol. ChemistrySelect, 2019, 4, 10765-10769.	1.5	22
12	Graphene oxide supported cobalt phosphide nanorods designed from a molecular complex for efficient hydrogen evolution at low overpotential. Chemical Communications, 2019, 55, 2186-2189.	4.1	15
13	Oxidative Câ€“C bond formation and Câ€“N bond cleavage catalyzed by complexes of copper(<scp>i</scp>) with acridine based (E N E) pincers (E = S/Se), recyclable as a catalyst. Dalton Transactions, 2019, 48, 10129-10137.	3.3	12
14	Solvent-tailored Pd₃P_{0.95} nano catalyst for amideâ€“nitrile inter-conversion, the hydration of nitriles and transfer hydrogenation of the Cî€O bond. Dalton Transactions, 2019, 48, 10962-10970.	3.3	11
15	Complexes of Pd(II), Î·⁶-C₆H₆Ru(II), and Î·⁵-Cp*Rh(III) with Chalcogenated Schiff Bases of Anthracene-9-carbaldehyde and Base-Free Catalytic Transfer Hydrogenation of Aldehydes/Ketones and N-Alkylation of Amines. Organometallics, 2019, 38, 944-961.	2.3	35
16	Regioselective Synthesis ofN²-Alkylated-1,2,3 Triazoles andN¹-Alkylated Benzotriazoles: Cu₂S as a Recyclable Nanocatalyst for Oxidative Amination ofN,N-Dimethylbenzylamines. Journal of Organic Chemistry, 2018, 83, 3226-3235.	3.2	22
17	Chalcone Based Homodimeric PET Agent, ¹¹C-(Chal)₂DEA-Me, for Beta Amyloid Imaging: Synthesis and Bioevaluation. Molecular Pharmaceutics, 2018, 15, 1515-1525.	4.6	13
18	Base free N-alkylation of anilines with ArCH₂OH and transfer hydrogenation of aldehydes/ketones catalyzed by the complexes of Î·⁵-Cp*Ir(<scp>iii</scp>) with chalcogenated Schiff bases of anthracene-9-carbaldehyde. Dalton Transactions, 2018, 47, 3764-3774.	3.3	26

#	Article	IF	Citations
19	Nanoflowers of Cu_{1.8}S: Free and Decorated on Graphene Oxide (GOâ€“Cu_{1.8}S) as Efficient and Recyclable Catalysts for Câ€“O Coupling. ACS Applied Nano Materials, 2018, 1, 2164-2174.	5.0	19
20	Palladium(II) Complexes of N-Heterocyclic Carbene Amidates Derived from Chalcogenated Acetamide-Functionalized 1H-Benzimidazolium Salts: Recyclable Catalyst for Regioselective Arylation of Imidazoles under Aerobic Conditions. Organometallics, 2018, 37, 2669-2681.	2.3	37
21	GOâ€“Cu₇S₄ catalyzed ortho-aminomethylation of phenol derivatives with N,N-dimethylbenzylamines: site-selective oxidative CDC. Chemical Communications, 2018, 54, 7511-7514.	4.1	18
22	Palladacycles of sulfated and selenated Schiff bases of ferrocene-carboxaldehyde as catalysts for O-arylation and Suzukiâ€“Miyaura coupling. Dalton Transactions, 2017, 46, 2485-2496.	3.3	40
23	Complexes of (Î·⁵-Cp*)Ir(<scp>iii</scp>) 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.	3.3	44
24	Oxine based unsymmetrical (O^{â^’}, N, S/Se) pincer ligands and their palladium(<scp>ii</scp>) complexes: synthesis, structural aspects and applications as a catalyst in amine and copper-free Sonogashira coupling. New Journal of Chemistry, 2017, 41, 2745-2755.	2.8	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.	8.0	51
26	Sonogashira (Cu and amine free) and Suzuki coupling in air catalyzed via nanoparticles formed in situ from Pd(<scp>ii</scp>) complexes of chalcogenated Schiff bases of 1-naphthaldehyde and their reduced forms. Dalton Transactions, 2017, 46, 15235-15248.	3.3	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.	2.8	9
28	Trinuclear complexes of palladium(<scp>ii</scp>) with chalcogenated N-heterocyclic carbenes: catalysis of selective nitrileâ€“primary amide interconversion and Sonogashira coupling. Dalton Transactions, 2017, 46, 13065-13076.	3.3	31
29	Palladium(<scp>ii</scp>) complexes of N,N-diphenylacetamide based thio/selenoethers and flower shaped Pd₁₆S₇and prismatic Pd₁₇Se₁₅nano-particles tailored as catalysts for Câ€“C and Câ€“O coupling. Dalton Transactions, 2017, 46, 10037-10049.	3.3	23
30	Polymeric Complex of 1â€Phenylsulfanyl/selenylmethylâ€1Hâ€Benzotriazole with Ag(I): Preâ€“catalystfor A³ Coupling Affording Propargylamines on aGram/Lab Scale. ChemistrySelect, 2016, 1, 3573-3579.	1.5	13
31	Cu6Se4.5 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	â€˜Clickâ€™ generated 1,2,3-triazole based organosulfur/selenium ligands and their Pd(<scp>ii</scp>) and Ru(<scp>ii</scp>) complexes: their synthesis, structure and catalytic applications. Dalton Transactions, 2016, 45, 11445-11458.	3.3	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.	3.6	17
34	Palladacycles of unsymmetrical (N,C^{â^’},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.	3.3	27
35	Pyrazoleâ€Stabilized Dinuclear Palladium(II) Chalcogenolates Formed by Oxidative Addition of Bis[2â€(4â€bromopyrazolâ€1â€yl)ethyl] Dichalcogenides to Palladium(II) â€“ Tailoring of Pdâ€“S/Se Nanoparticles. European Journal of Inorganic Chemistry, 2015, 2015, 4829-4838.	2.0	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.	2.0	7

#	Article	IF	Citations
37	Tetragonal Cu₂Se nanoflakes: synthesis using selenated propylamine as Se source and activation of Suzuki and Sonogashira cross coupling reactions. Dalton Transactions, 2015, 44, 725-732.	3.3	34
38	Palladium(<scp>ii</scp>)-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.	3.3	31
39	Suzuki Coupling Reactions Catalyzed with Palladacycles and Palladium(II) Complexes of 2â€²Thiophenemethylamineâ€Based Schiff Bases: Examples of Divergent Pathways for the Same Ligand. European Journal of Inorganic Chemistry, 2015, 2015, 1542-1551.	2.0	24
40	Efficient catalytic activation of Suzukiâ€“Miyaura Câ€“C coupling reactions with recyclable palladium nanoparticles tailored with sterically demanding di-n-alkyl sulfides. RSC Advances, 2015, 5, 20081-20089.	3.6	23
41	Complexes of (Î·⁶-benzene)ruthenium(<scp>ii</scp>) 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.	3.3	22
42	Acridine based (S,N,S) pincer ligand: designing silver(<scp>i</scp>) complexes for the efficient activation of A³ (aldehyde, alkyne and amine) coupling. Dalton Transactions, 2015, 44, 1962-1968.	3.3	36
43	Palladium(II) complex of an organotellurium ligand as a catalyst for Suzuki Miyaura coupling: Generation and role of nano-sized Pd3Te2. Journal of Organometallic Chemistry, 2014, 749, 1-6.	1.8	46
44	Influence of pendent alkyl chains on Heck and Sonogashira Câ€“C coupling catalyzed with palladium(II) complexes of selenated Schiff bases having liquid crystalline properties. Journal of Organometallic Chemistry, 2014, 753, 42-47.	1.8	29
45	(Î·5-Cp*)Rh(III)/Ir(III) Complexes with Bis(chalcogenoethers) (E, Eâ€² Ligands: E = S/Se; Eâ€² = S/Se): Synthesis, Structure, and Applications in Catalytic Oppenauer-Type Oxidation and Transfer Hydrogenation. Organometallics, 2014, 33, 983-993.	2.3	27
46	Complex of 2-(methylthio)aniline with palladium(II) as an efficient catalyst for Suzukiâ€“Miyaura CC coupling in eco-friendly water. Journal of Hazardous Materials, 2014, 269, 18-23.	12.4	24
47	Efficient catalysis of Suzukiâ€“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.	12.4	33
48	Formation and Role of Palladium Chalcogenide and Other Species in Suzukiâ€“Miyaura and Heck Câ€“C Coupling Reactions Catalyzed with Palladium(II) Complexes of Organochalcogen Ligands: Realities and Speculations. Organometallics, 2014, 33, 2921-2943.	2.3	110
49	Shape dependent catalytic activity of nanoflowers and nanospheres of Pd₄S generated via one pot synthesis and grafted on graphene oxide for Suzuki coupling. Dalton Transactions, 2014, 43, 12555.	3.3	42
50	Palladium(<scp>ii</scp>) complexes bearing the 1,2,3-triazole based organosulfur/ selenium ligand: synthesis, structure and applications in Heck and Suzukiâ€“Miyaura coupling as a catalyst via palladium nanoparticles. RSC Advances, 2014, 4, 56102-56111.	3.6	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.	3.3	27
52	Sterically hindered selenoether ligands: palladium(<scp>ii</scp>) complexes as catalytic activators for Suzukiâ€“Miyaura coupling. RSC Advances, 2014, 4, 41659-41665.	3.6	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.	2.3	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.	2.3	43

#	Article	IF	Citations
55	Catalyst Activation with Cp*Rh^{III}/Ir^{III}â€“1,2,3-Triazole-Based Organochalcogen Ligand Complexes: Transfer Hydrogenation via Loss of Cp* and N-Methylmorpholine N-Oxide Based vs Oppenauer-Type Oxidation. Organometallics, 2014, 33, 2341-2351.	2.3	38
56	2-Propanol vs Glycerol as Hydrogen Source in Catalytic Activation of Transfer Hydrogenation with (Î·⁶-Benzene)ruthenium(II) Complexes of Unsymmetrical Bidentate Chalcogen Ligands. Organometallics, 2014, 33, 3629-3639.	2.3	56
57	Palladiumâ€“phosphorus/sulfur nanoparticles (NPs) decorated on graphene oxide: synthesis using the same precursor for NPs and catalytic applications in Suzukiâ€“Miyaura coupling. Nanoscale, 2014, 6, 4588.	5.6	53
58	⁶⁸Ga based probe for Alzheimer's disease: synthesis and preclinical evaluation of homodimeric chalcone in Î²-amyloid imaging. Organic and Biomolecular Chemistry, 2014, 12, 7328.	2.8	32
59	Graphene oxide grafted with Pd17Se15 nano-particles generated from a single source precursor as a recyclable and efficient catalyst for Câ€“O coupling in O-arylation at room temperature. Chemical Communications, 2013, 49, 7483.	4.1	62
60	Single source precursor routes for synthesis of PdTe nanorods and particles: solvent dependent control of shapes. Chemical Communications, 2013, 49, 9344.	4.1	28
61	Selenium containing imidazolium salt in designing single source precursors for silver bromide and selenide nano-particles. Dalton Transactions, 2013, 42, 2366.	3.3	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. Dalton Transactions, 2013, 42, 16939.	3.3	59
63	Palladium(ii) complexes of pyrazolated thio/selenoethers: syntheses, structures, single source precursors of Pd4Se and PdSe nano-particles and potential for catalyzing Suzukiâ€“Miyaura coupling. Dalton Transactions, 2013, 42, 3908.	3.3	76
64	Organosulphur and related ligands in Suzukiâ€“Miyaura Câ€“C coupling. Dalton Transactions, 2013, 42, 5200.	3.3	89
65	Selenium-Containing N-Heterocyclic Carbenes and Their First Palladium(II) Complexes: Synthesis, Structure, and Pendent Alkyl Chain Length Dependent Catalytic Activity for Suzukiâ€“Miyaura Coupling. Organometallics, 2013, 32, 2443-2451.	2.3	67
66	Chalcogen-Dependent Palladation at the Benzyl Carbon of 2,3-Bis[(phenylchalcogeno)methyl]quinoxaline: Palladium Complexes Catalyzing Suzukiâ€“Miyaura Coupling via Palladiumâ€“Chalcogen Nanoparticles. Organometallics, 2013, 32, 387-395.	2.3	45
67	Palladacycles of Thioethers Catalyzing Suzukiâ€“Miyaura Câ€“C Coupling: Generation and Catalytic Activity of Nanoparticles. Organometallics, 2013, 32, 2452-2458.	2.3	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. Organometallics, 2013, 32, 3595-3603.	2.3	76
69	Half sandwich complexes of chalcogenated pyridine based bi-(N, S/Se) and terdentate (N, S/Se, N) ligands with (Î·6-benzene)ruthenium(ii): synthesis, structure and catalysis of transfer hydrogenation of ketones and oxidation of alcohols. Dalton Transactions, 2013, 42, 8736.	3.3	38
70	Organochalcogen ligands and their palladium(ii) complexes: Synthesis to catalytic activity for Heck coupling. RSC Advances, 2012, 2, 12552.	3.6	84
71	Palladium(<scp>ii</scp>)-selenated Schiff base complex catalyzed Suzukiâ€“Miyaura coupling: Dependence of efficiency on alkyl chain length of ligand. Dalton Transactions, 2012, 41, 1931-1937.	3.3	93
72	Palladium(<scp>ii</scp>)â€“selenoether complexes as new single source precursors: First synthesis of Pd₄Se and Pd₇Se₄nanoparticles. Dalton Transactions, 2012, 41, 1142-1145.	3.3	47

#	Article	IF	Citations
73	Organoselenium ligands in catalysis. Dalton Transactions, 2012, 41, 11949.	3.3	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.	2.3	47
75	Chalcogenated Schiff bases: Complexation with palladium(II) and Suzuki coupling reactions. Journal of Chemical Sciences, 2012, 124, 1245-1253.	1.5	4
76	Didocosyl selenide stabilized recyclable Pd(0) nanoparticles and coordinated palladium(ii) as efficient catalysts for Suzukiâ€“Miyaura coupling. Dalton Transactions, 2012, 41, 4306.	3.3	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.	2.4	20
78	â€œPiano-Stoolâ€•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 Oxychloride. European Journal of Inorganic Chemistry, 2010, 2010, 4187-4195.	2.0	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.	1.8	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.	3.9	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.	2.3	104
82	Palladacycle containing nitrogen and selenium: highly active pre-catalyst for the Suzukiâ€“Miyaura coupling reaction and unprecedented conversion into nano-sized Pd17Se15. Chemical Communications, 2010, 46, 5954.	4.1	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.	3.3	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.	2.4	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.	1.8	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)][PdCl₄] and High Catalytic Activity for the Heck Reaction. Organometallics, 2009, 28, 6054-6058.	2.3	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.	2.2	58
88	Schiff bases functionalized with PPh2 and SPh groups and their Ni(II) and Pd(II) complexes: Synthesis, crystal structures and applications of a Pd complex for Suzukiâ€“Miyaura Coupling. Polyhedron, 2008, 27, 1610-1622.	2.2	49
89	Schiff bases of 1â€²-hydroxy-2â€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 Câ€“C coupling reactions. Journal of Organometallic Chemistry, 2008, 693, 3533-3545.	1.8	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.	5.5	34

#	Article	IF	Citations
91	Macromolecular Chelatorâ€Amberlite XADâ€16 Anchored with 2,3â€Dihydroxypyridine (DHP) for Enrichment of Metal Ions before their Determination by Flame Atomic Absorption Spectrometry. Separation Science and Technology, 2007, 42, 3429-3446.	2.5	6
92	Tellurium-chlorine secondary interactions in palladium(II) complex of MeOC6H4TeCH2CH2NHCH(CH3)C6H4-2-OH resulting in self-assembled bimolecular aggregates with short palladium-palladium distances. Structural Chemistry, 2007, 18, 203-207.	2.0	7
93	Enrichment and flame atomic absorption spectrometric determination of palladium using chelating matrices designed by functionalizing Amberlite XAD-2/16 and silica gel. Mikrochimica Acta, 2007, 159, 149-155.	5.0	15
94	Synthesis and single crystal structural investigations on quaternary salts of tellurated alkylamine derivatives. Inorganica Chimica Acta, 2006, 359, 4619-4626.	2.4	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. Polyhedron, 2006, 25, 2915-2919.	2.2	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) â€“ Single crystal structures of [PdCl2(L)] and bis(thienyl) tellurium(IV) chloride. Polyhedron, 2006, 25, 3481-3487.	2.2	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). Journal of Organometallic Chemistry, 2006, 691, 3788-3796.	1.8	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. Mikrochimica Acta, 2005, 149, 213-221.	5.0	50
99	Organotellurium Ligands & Their Metal Complexes: Recent Developments. Phosphorus, Sulfur and Silicon and the Related Elements, 2005, 180, 903-911.	1.6	19
100	2-{[1-(3,4-Dihydroxyphenyl)methylidene]amino}benzoic acid immobilized Amberlite XAD-16 as metal extractant. Talanta, 2005, 67, 187-194.	5.5	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. Mikrochimica Acta, 2004, 144, 233-241.	5.0	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). Journal of Organometallic Chemistry, 2004, 689, 2346-2353.	1.8	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 metalâ€“tellurium bond; synthesis and crystal structure of [PdCl(L 1)]. Inorganic Chemistry Communication, 2004, 7, 502-505.	3.9	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. Industrial & Engineering Chemistry Research, 2004, 43, 2302-2309.	3.7	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. Talanta, 2003, 61, 889-903.	5.5	58
106	Organotellurium ligands â€” designing and complexation reactions. Journal of Chemical Sciences, 2002, 114, 357-366.	1.5	24
107	Synthesis and crystal structures of two new (Te, N,) type hybrid organotellurium ligands. Journal of Chemical Research, 2001, 2001, 339-341.	1.3	5
108	Quinalizarin anchored on Amberlite XAD-2. A new matrix for solid-phase extraction of metal ions for flame atomic absorption spectrometric determination. Fresenius' Journal of Analytical Chemistry, 2001, 370, 377-382.	1.5	54

#	Article	IF	Citations
109	Pyrogallol Immobilized Amberlite XAD-2: A Newly Designed Collector for Enrichment of Metal Ions Prior to their Determination by Flame Atomic Absorption Spectrometry. Mikrochimica Acta, 2001, 137, 127-134.	5.0	96
110	N-?2-(4-Methoxyphenyltelluro)ethyl?morpholine (L1) and bis?2-(N-morpholino)ethyl?telluride (L2): synthesis and complexation with palladium(II) and mercury(II). Crystal structures of trans-[PdCl2(L1)2] and trans-[PdCl2(L2)2]. Journal of Organometallic Chemistry, 2000, 612, 46-52.	1.8	32
111	Bis(2-{1,3-dioxan-2-yl}ethyl) telluride (L): synthesis and ligation with Pd(II) and Ru(II). Crystal structures of [Ru(p-cymene)Cl2L] and trans-[PdCl2(L)2]. Journal of Organometallic Chemistry, 2000, 613, 244-249.	1.8	24
112	Metal ion enrichment with Amberlite XAD-2 functionalized with Tiron: analytical applications. Analyst, The, 2000, 125, 1221-1226.	3.5	151
113	Thiosalicylic acid-immobilized Amberlite XAD-2: metal sorption behaviour and applications in estimation of metal ions by flame atomic absorption spectrometry. Analyst, The, 2000, 125, 2350-2355.	3.5	104
114	DI-Î¼-CHLORO-BIS[l,2-BIS(DIPHENYLPHOSPHINO)-ETHANEPALLADIUM(II)]: SYNTHESIS AND CRYSTAL STRUCTURE. Journal of Coordination Chemistry, 1998, 44, 335-342.	2.2	5
115	REACTION OF TETRACLOROPALLADATE (II) WITH BIS(2-CHLOROETHYL)AMINE: SELECTIVE FORMATION OF A trans ISOMER. CRYSTAL STRUCTURE OF trans-[PdCl2{NH(CH2CH2Cl)2}2]. Journal of Coordination Chemistry, 1998, 44, 217-223.	2.2	1
116	REACTIONS OF POLYDENTATE FUNCTIONALIZED TELLUROETHERS WITH DI-Î¼-CHLOROBIS-(TRICARBONYL) Tj ETQq0 0 0 rgBT /Overloc	1.6	3
117	FUNCTIONALIZED DIORGANOTELLURIDE AND DIORGANODITELLURIDE: COMPLEXATION BEHAVIOUR AS A HYBRID (Te, O) LIGAND. Phosphorus, Sulfur and Silicon and the Related Elements, 1997, 126, 291-298.	1.6	3
118	COMPLEXES OF DI- AND TERVALENT COBALT, MONO- AND DIVALENT COPPER WITH 2-(2-ARYLTELLUROETHYL) PYRIDINES: SYNTHESIS AND SPECTRA. Journal of Coordination Chemistry, 1996, 39, 313-320.	2.2	3
119	Triphenyltellurium(IV) Diethyldithiocarbamate-Synthesis and Crystal Structure: A New Example Showing Sterically Sensitive Long Teâ€"S Bonds. Phosphorus, Sulfur and Silicon and the Related Elements, 1994, 89, 31-37.	1.6	6
120	SYNTHESIS, REACTIVITY AND MULTINUCLEAR N.M.R. STUDIES OF 2-(2-ARYLTELLUROETHYL)PYRIDINES AND THEIR PALLADIUM(II) AND PLATINUM(II) COMPLEXES: CRYSTAL STRUCTURES OF 4-MeO-C₆H₄TeCH₂CH₂-2-(C₅H₄N)MCl₂(M	2.2	21
121	A NOVEL DITELLUROETHER LIGAND ArTeCH2CH(OH)CH2TeAr (Ar = 4-CH3OC6H4) AND ITS COMPLEXATION BEHAVIOR. Phosphorus, Sulfur and Silicon and the Related Elements, 1993, 80, 95-99.	1.6	7
122	SYNTHESIS AND CRYSTAL STRUCTURE OF TRIPHENYLTELLURIUM(IV)ETHYLXANTHATE: AN EXAMPLE OF ENHANCEMENT OF THE COORDINATION NUMBER OF TELLURIUM THROUGH LONG Teâ€S BONDS. Phosphorus, Sulfur and Silicon and the Related Elements, 1993, 85, 175-181.	1.6	8
123	The Chemistry of Multidentate Organotellurium Ligands. Journal of Coordination Chemistry, 1992, 27, 237-253.	2.2	56
124	Reactions of tellurium(IV) chloride, aryl-, diaryl-, and triaryl tellurium(IV) chlorides with pyrimidine-2-thiols. Heteroatom Chemistry, 1992, 3, 139-145.	0.7	2
125	Aryltelluroacetic Acids-Synthesis and Ligation with Mercury(II). Journal of Coordination Chemistry, 1990, 21, 71-74.	2.2	7
126	Novel 2-(Aryltelluro)Ethylmethyl-Sulfides Synthesis and Ligation with Palladium(II) and Platinum(II). Journal of Coordination Chemistry, 1990, 21, 269-273.	2.2	16

#	Article	IF	Citations
127	SYNTHESIS OF NOVEL BIDENTATE (Te, N) LIGANDS-2-ARYLTELLUROETHYLAMINES AND THEIR COMPLEXATION WITH MERCURY (II). Phosphorus, Sulfur and Silicon and the Related Elements, 1990, 47, 471-475.	1.6	31
128	Synthesis of Potential Tripodal Tellurium Ligands and Their Complexation with Mercury(II). Journal of Coordination Chemistry, 1990, 21, 39-42.	2.2	19
129	TELLURIUM(II)-THIOSEMICARBAZONE COMPLEXESâ€A PARALLEL TO THE LIGATION OF THIOUREAS. Phosphorous and Sulfur and the Related Elements, 1988, 37, 111-116.	0.2	3
130	REACTIONS OF ACETYLACETONE WITH ORGANOTELLURIUM(IV) CHLORIDES-C₁BONDED ACETYLACETONATES OF TELLURIUM(IV). Phosphorous and Sulfur and the Related Elements, 1988, 38, 157-165.	0.2	5
131	Tellurium-Ligated Pd(II) Complex of Bulky Organotellurium LigandÂas a Catalyst of Suzuki coupling: First Report on In Situ Generation of Bimetallic AlloyÂâ€˜Telluropalladiniteâ€™ (Pd9Te4)ÂNanoparticles and Role in Highly Efficient Catalysis. Catalysis Letters, 0, , 1.	2.6	7