Arturo Espinosa

List of Publications by Year
in descending order

160	4,817	81900	123424
papers	citations	39 h-index	61 g-index

163	163	163	4319
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synthesis of azadiphosphiridine complexes. Theoretical studies on ring formation, the P-to-Pâ€² metal shift and the resulting nitrogen geometry. Dalton Transactions, 2022, 51, 3275-3279.	3.3	2
2	CHNO isomers and derivatives â€“ a computational overview. New Journal of Chemistry, 2022, 46, 5771-5778.	2.8	2
3	Accurate Ring Strain Energies of Unsaturated Three-Membered Heterocycles with One Group 13â€“16 Element. Inorganic Chemistry, 2022, 61, 6459-6468.	4.0	13
4	1,2Ïƒ3Î»3-Oxaphosphetanes and Their P-Chalcogenidesâ€”A Combined Experimental and Theoretical Study. Molecules, 2022, 27, 3345.	3.8	1
5	Regioselective N- versus P-Deprotonation of Aminophosphane Tungsten(0) Complexes. Organics, 2022, 3, 161-172.	1.3	0
6	A case study on the conversion of Li/Cl phosphinidenoid into phosphinidene complexes. Dalton Transactions, 2021, 50, 739-745.	3.3	9
7	M/X Phosphinidenoid Metal Complex Chemistry. Accounts of Chemical Research, 2021, 54, 1754-1765.	15.6	12
8	Analysis of Nonâ€innocence of Phosphaquinodimethane Ligands when Charge and Aromaticity Come into Play. Chemistry - A European Journal, 2021, 27, 9350-9359.	3.3	4
9	Chemistry of oxaphosphirane complexes. Coordination Chemistry Reviews, 2021, 437, 213818.	18.8	3
10	Toward a 1,4-Diphosphinine-Based Molecular CPS-Ternary Compound. Inorganic Chemistry, 2021, 60, 13029-13040.	4.0	3
11	Azaphosphiridines: challenges and perspectives. Dalton Transactions, 2021, 50, 7324-7336.	3.3	1
12	Electronic structure and bridge geometric distortion in pushâ€“pull imine-bridged triads. A theoretical study. New Journal of Chemistry, 2021, 45, 4472-4480.	2.8	1
13	Synthesis of the First Oxaphosphirane Iron Complexes. European Journal of Inorganic Chemistry, 2021, 2021, 252-257.	2.0	4
14	Between Oxirane and Phosphirane: The Springâ€loaded Oxaphosphirane Ring. European Journal of Inorganic Chemistry, 2021, 2021, 348-353.	2.0	11
15	P-Functionalized tetrathiafulvalenes from 1,3-dithiole-2-thiones?. New Journal of Chemistry, 2020, 44, 17122-17128.	2.8	6
16	Terminal Phosphinidene Complex Adducts with Neutral and Anionic O-Donors and Halides and the Search for a Differentiating Bonding Descriptor. Inorganic Chemistry, 2020, 59, 12829-12841.	4.0	22
17	Accurate Ring Strain Energy Calculations on Saturated Three-Membered Heterocycles with One Group 13â€“16 Element. Inorganic Chemistry, 2020, 59, 11503-11513.	4.0	20
18	1,2-Insertion reactions of alkynes into Geâ€“C bonds of arylbromogermylene. Dalton Transactions, 2020, 49, 7189-7196.	3.3	7

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19	Benchmarking the inversion barriers in Ïƒ³Î»³-phosphorus compounds: a computational study. New Journal of Chemistry, 2020, 44, 8763-8770.	2.8	18
20	A synthetic equivalent for unknown 1,3-zwitterions? â€“ A K/OR phosphinidenoid complex with an additional Siâ€“Cl function. Chemical Communications, 2020, 56, 3899-3902.	4.1	6
21	1,2-Thiaphosphetanes: The Quest for Wittig-Type Ring Cleavage, Rearrangement, and Sulfur Atom Transfer. Inorganic Chemistry, 2020, 59, 3110-3117.	4.0	6
22	Rigid Ï€-Extended Boron Difluoride Complex with Mega-Stokes Shift for Bioimaging. Organic Letters, 2020, 22, 3356-3360.	4.6	37
23	Competitive or sequential reaction of an electrophilic terminal phosphinidene metal(0) complex with allyl halides? [2+1]-cycloaddition vs. Câ€“X bond insertion. Chemical Communications, 2019, 55, 9987-9990.	4.1	3
24	N-Heterocyclic Carbene-Stabilized Germanium and Tin Analogues of Heavier Nitriles: Synthesis, Reactivity, and Catalytic Application. Journal of the American Chemical Society, 2019, 141, 14576-14580.	13.7	60
25	Access and unprecedented reaction pathways of Li/Cl phosphinidenoid iron(0) complexes. Dalton Transactions, 2019, 48, 339-345.	3.3	9
26	Synthesis of free and ligated 1,2-thiaphosphetanes â€“ expanding the pool of strained P-ligands. Chemical Communications, 2019, 55, 1615-1618.	4.1	6
27	Access to 1,1â€²â€²Bifunctional Phosphane Iron(0) Complexes via Pâ€“N Bondâ€Forming Reactions and Selective Pâ€Functionalizations. European Journal of Inorganic Chemistry, 2019, 2019, 1604-1611.	2.0	5
28	Epoxide-like Chemistry: 1,2-Bifunctional P-Ligands via Stereo- and Regioselective Ring Opening of an Oxaphosphirane Complex. Organometallics, 2018, 37, 1331-1336.	2.3	9
29	â€œLow-coordinateâ€•1,2-oxaphosphetanes â€“ a new opportunity in coordination and main group chemistry. Chemical Communications, 2018, 54, 7123-7126.	4.1	16
30	Unconventional ionic ring-deconstruction pathways of a three-membered heterocycle. Chemical Communications, 2018, 54, 14013-14016.	4.1	5
31	Quantum Chemical Calculations on CHOP Derivativesâ€”Spanning the Chemical Space of Phosphinidenes, Phosphaketenes, Oxaphosphirenes, and COPâ‹¯ Isomers. Molecules, 2018, 23, 3341.	3.8	13
32	Effects of diminished steric protection at phosphorus on stability and reactivity of oxaphosphirane complexes. Dalton Transactions, 2018, 47, 9347-9354.	3.3	12
33	On the Mechanism of Trimethylphosphine-Mediated Reductive Dimerization of Ketones. Inorganic Chemistry, 2018, 57, 8058-8064.	4.0	18
34	Fulvenization as characteristic geometric distortion in electron deficient ferrocenes. Tetrahedron, 2017, 73, 952-956.	1.9	3
35	Coordination of N₂ and Other Small Molecules to the Phosphorus Centre of RPW(CO)₅: A Theoretical Study on the Janus Facets of the Stabilization/Activation Problem. Chemistry - A European Journal, 2017, 23, 8632-8643.	3.3	11
36	The structure of Cu(II) and Hg(II) complexes of bispyrenyl azine revisited. Journal of Molecular Modeling, 2017, 23, 124.	1.8	0

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37	Cubane-like tetranuclear Cu(<scp>ii</scp>) complexes bearing a Cu₄O₄ core: crystal structure, magnetic properties, DFT calculations and phenoxazinone synthase like activity. Dalton Transactions, 2017, 46, 1249-1259.	3.3	69
38	A Computational Study on the Stability of Oxaphosphirane Rings towards Closed-Shell Valence Isomerization. European Journal of Inorganic Chemistry, 2017, 2017, 2707-2712.	2.0	6
39	C_i-Symmetry, [2 Ã— 2] grid, square copper complex with the N⁴,N⁵-bis(4-fluorophenyl)-1H-imidazole-4,5-dicarboxamide ligand: structure, catecholase activity, magnetic properties and DFT calculations. New Journal of Chemistry, 2017, 41, 11750-11758.	2.8	7
40	Frontispiece: Coordination of N₂ and Other Small Molecules to the Phosphorus Centre of RPW(CO)₅: A Theoretical Study on the Janus Facets of the Stabilization/Activation Problem. Chemistry - A European Journal, 2017, 23, .	3.3	0
41	Comparative Computational Study on the Reaction of Chloroacetone with Trimethylphosphite: Perkow versus Michaelisâ€“Arbuzov Reaction Paths. Journal of Physical Chemistry A, 2017, 121, 6517-6522.	2.5	12
42	Mexican Sign Language Alphanumerical Gestures Recognition using 3D Haar-like Features. IEEE Latin America Transactions, 2017, 15, 2000-2005.	1.6	16
43	Cycloaddition von Pâ€Câ€Einfachbindungen: Stereoselektive Bildung von Benzoâ€1,3,6,2â€trioxaphosphepinkomplexen Ã¼ber einen ditopischen Vanâ€derâ€Waalsâ€Komplex. Angewandte Chemie, 2016, 128, 12885-12889.	2.0	3
44	Coordination chemistry of a low-coordinate non-metal element: the case of electrophilic terminal phosphinidene complexes. Dalton Transactions, 2016, 45, 13951-13956.	3.3	10
45	Cycloaddition of Pâ€“C Single Bonds: Stereoselective Formation of Benzoâ€1,3,6,2â€trioxaphosphepine Complexes via a Ditopic van der Waals Complex. Angewandte Chemie - International Edition, 2016, 55, 12693-12697.	13.8	8
46	Reaction of a Stable Digermyne with Acetylenes: Synthesis of a 1,2-Digermabenzene and a 1,4-Digermabarrelene. Bulletin of the Chemical Society of Japan, 2016, 89, 1375-1384.	3.2	56
47	Thiaphosphiranes and Their Complexes: Systematic Study on Ring Strain and Ring Cleavage Reactions. Inorganic Chemistry, 2016, 55, 9611-9619.	4.0	19
48	Kinetic energy density per electron as quick insight into ring strain energies. Tetrahedron Letters, 2016, 57, 5616-5619.	1.4	14
49	Reactions of Li/Cl Phosphinidenoid Complexes with 1,3,4,5-Tetramethylimidazol-2-ylidene: A New Route to N-Heterocyclic Carbene Adducts of Terminal PhosphinÂidene Complexes and an Unprecedented Transformation of an Oxaphosphirane Complex. European Journal of Inorganic Chemistry, 2016, 2016, 685-690.	2.0	21
50	Single Heteroatom Fine-Tuning of the Emissive Properties in Organoboron Complexes with 7-(Azaheteroaryl)indole Systems. Journal of Organic Chemistry, 2016, 81, 3296-3302.	3.2	38
51	Rearrangement and deoxygenation of 3,3-bis(2-pyridyl)oxaphosphirane complexes. Dalton Transactions, 2016, 45, 2085-2094.	3.3	18
52	CPh₃ as a functional group in P-heterocyclic chemistry: elimination of HCPh₃ in the reaction of P-CPh₃ substituted Li/Cl phosphinidenoid complexes with Ph₂Cî€O. Dalton Transactions, 2016, 45, 2378-2385.	3.3	16
53	Synthesis, crystal structure and DFT calculations of bis(1,3-diazinane-2-thione-ÎºS)dicyanido disilver(I), [{Ag(Diaz)2}{Ag(CN)2}]. Polyhedron, 2016, 110, 299-304.	2.2	8
54	Stimuliâ€Responsive Frustrated Lewisâ€Pairâ€Type Reactivity of a Tungsten Iminoazaphosphiridine Complex. Chemistry - A European Journal, 2015, 21, 9650-9655.	3.3	20

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55	Unusual Mechanism for the Reaction of a Niobocene Hydride Complex with Activated Alkynes. Experimental and DFT Studies. Organometallics, 2015, 34, 2695-2698.	2.3	7
56	Unprecedented Ringâ€“Ring Interconversion of N,P,Câ€Cage Ligands. Chemistry - A European Journal, 2015, 21, 3727-3735.	3.3	17
57	Synthesis, crystal structure, theoretical calculations and antimicrobial properties of [Pt(tetramethylthiourea)4] [Pt(CN)4]Â·4H2O. Journal of Molecular Structure, 2015, 1085, 155-161.	3.6	6
58	Pyreneâ€Based Dyad and Triad Leading to a Reversible Chemical and Redox Optical and Magnetic Switch. Chemistry - A European Journal, 2015, 21, 5504-5509.	3.3	5
59	Formation of Transient and Stable 1,3-Dipole Complexes with P,S,C and S,P,C Ligand Skeletons. Organometallics, 2015, 34, 3103-3106.	2.3	15
60	Going for strain: synthesis of the first 3-imino-azaphosphiridine complexes and their conversion into oxaphosphirane complex valence isomers. Chemical Communications, 2015, 51, 3878-3881.	4.1	17
61	Electrochemical and Fluorescent Ferrocene-Imidazole-Based Dyads as Ion-Pair Receptors for Divalent Metal Cations and Oxoanions. Inorganic Chemistry, 2015, 54, 7461-7473.	4.0	40
62	Evidence for Terminal Phosphinidene Oxide Complexes in O,P,C-Cage Complex Formation: Rearrangement of Oxaphosphirane Complexes. Organometallics, 2015, 34, 2676-2682.	2.3	16
63	Synthesis, crystal structure, theoretical calculations, and electrochemical and biological studies of polymeric (N,N,Nâ€²,Nâ€²-tetramethylethylenediamine)bis(thiocyanato-ÎºN)copper(II), [Cu(tmeda)(NCS)2]n. Polyhedron, 2015, 90, 252-257.	2.2	16
64	Novel C,N-Cyclometalated Benzimidazole Ruthenium(II) and Iridium(III) Complexes as Antitumor and Antiangiogenic Agents: A Structureâ€“Activity Relationship Study. Journal of Medicinal Chemistry, 2015, 58, 7310-7327.	6.4	118
65	Tris(triazole) tripodal receptors as selective probes for citrate anion recognition and multichannel transition and heavy metal cation sensing. Organic and Biomolecular Chemistry, 2015, 13, 1429-1438.	2.8	24
66	Synthesis, theoretical calculations and antimicrobial studies of copper(I) complexes of cysteamine, cysteine and 2-mercaptonicotinic acid. Polyhedron, 2015, 85, 239-245.	2.2	13
67	Nitrogen-Rich Multinuclear Ferrocenophanes as Multichannel Chemosensor Molecules for Transition and Heavy-Metal Cations. Sensors, 2014, 14, 14339-14355.	3.8	13
68	Multifunctional Benzothiadiazoleâ€Based Small Molecules Displaying Solvatochromism and Sensing Properties toward Nitroarenes, Anions, and Cations. ChemistryOpen, 2014, 3, 242-249.	1.9	21
69	The 3-Acetyloxaphosphirane/1,3,2-Dioxaphosphol-4-ene Rearrangement. European Journal of Inorganic Chemistry, 2014, 2014, 1727-1734.	2.0	11
70	Theoretical Study on Novel Mixed Valence, Pâ€H Functional Pâ€Ligands, and Their Tautomerization. Heteroatom Chemistry, 2014, 25, 651-657.	0.7	3
71	Heteroleptic Ru(II) complexes containing aroyl hydrazone and 2,2â€²-bipyridyl: Synthesis, X-ray crystal structures, electrochemical and DFT studies. Polyhedron, 2014, 72, 115-121.	2.2	11
72	A Novel N,P,C Cage Complex Formed by Rearrangement of a Tricyclic Phosphirane Complex: On the Importance of Nonâ€covalent Interactions. Chemistry - A European Journal, 2014, 20, 7010-7016.	3.3	19

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73	Ferroceneâ€“Triazoleâ€“Pyrene Triads as Multichannel Heteroditopic Recognition Receptors for Anions, Cations and Ion Pairs. Organometallics, 2014, 33, 2837-2852.	2.3	36
74	Ligand hierarchy on driving the crystal packing. Effect of supramolecular interactions on solid-state conformations adopted by saccharinate Pd(<scp>ii</scp>) complexes. CrystEngComm, 2014, 16, 7124.	2.6	5
75	Oxaphosphirane-Borane Complexes: Ring Strain and Migratory Insertion/Ring-Opening Reactions. Inorganic Chemistry, 2014, 53, 6132-6140.	4.0	25
76	Reaction of Li/Cl phosphinidenoid complexes with a phosphite substituted ketone: access to complexes with a novel mixed-valence polycyclic P,C-ligand system. Dalton Transactions, 2013, 42, 10510.	3.3	7
77	Synthesis and DFT calculations of spirooxaphosphirane complexes. Dalton Transactions, 2013, 42, 8897.	3.3	26
78	Coordination of CO to low-valent phosphorus centres and other related Pâ€“C bonding situations. A theoretical case study. Chemical Science, 2013, 4, 4309.	7.4	27
79	Bis(carbazolyl)ureas as Selective Receptors for the Recognition of Hydrogenpyrophosphate in Aqueous Media. Journal of Organic Chemistry, 2013, 78, 9725-9737.	3.2	29
80	The azaphosphiridine to terminal phosphinidene complex rearrangement â€“ looking for non-covalent interactions of a highly reactive species. Chemical Communications, 2013, 49, 9648.	4.1	27
81	A densely decorated disubstituted ferrocene as an ion-pair recognition receptor. Chemical Communications, 2013, 49, 9633.	4.1	19
82	New steroidal 7-azaindole platinum(II) antitumor complexes. Journal of Inorganic Biochemistry, 2013, 128, 48-56.	3.5	24
83	Synthesis, Xâ€ray Crystal Structures, and Spectroscopic, Electrochemical, and Theoretical Studies of Mn^{III} Complexes of Pyridoxal Schiff Bases with Two Diamines. European Journal of Inorganic Chemistry, 2013, 2013, 3249-3260.	2.0	9
84	A Multidimensional Undergraduate Experiment for Easy Solution and Surface Sensing of Mercury(II) and Copper(II) Metal Cations. Journal of Chemical Education, 2013, 90, 1057-1060.	2.3	14
85	Isomeric carbazolocarbazoles: synthesis, characterization and comparative study in Organic Field Effect Transistors. Journal of Materials Chemistry C, 2013, 1, 1959.	5.5	38
86	Novel C,N-chelate rhodium(iii) and iridium(iii) antitumor complexes incorporating a lipophilic steroidal conjugate and their interaction with DNA. Dalton Transactions, 2012, 41, 12847.	3.3	82
87	Synthesis and Reactions of the First Room Temperature Stable Li/Cl Phosphinidenoid Complex. Inorganic Chemistry, 2012, 51, 12343-12349.	4.0	47
88	Ion Pair Recognition Receptor Based on an Unsymmetrically 1,1â€²-Disubstituted Ferroceneâ€“Triazole Derivative. Journal of Organic Chemistry, 2012, 77, 10083-10092.	3.2	53
89	Reactivity of terminal phosphinidene versus Liâ€“Cl phosphinidenoid complexes in cycloaddition chemistry. Chemical Communications, 2012, 48, 5986.	4.1	27
90	Deoxygenation of carbon dioxide by electrophilic terminal phosphinidene complexes. Chemical Science, 2012, 3, 3526.	7.4	25

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91	Synthesis, Structural Characterization, and Sensing Properties of Clickable Unsymmetrical 1,1â€²-Disubstituted Ferroceneâ€“Triazole Derivatives. Organometallics, 2012, 31, 2085-2096.	2.3	54
92	Single Electron Transfer-Mediated Selective endo- and exocyclic Bond Cleavage Processes in Azaphosphiridine Chromium(0) Complexes: A Computational Study. Inorganic Chemistry, 2012, 51, 7250-7256.	4.0	27
93	Indolocarbazole-Based Ligands for Ladder-Type Four-Coordinate Boron Complexes. Organic Letters, 2012, 14, 3360-3363.	4.6	69
94	Exocyclic Bond Cleavage in Oxaphosphirane Complexes?. Chemistry - A European Journal, 2012, 18, 13405-13411.	3.3	18
95	Highly selective mercury(ii) cations detection in mixedâ€“aqueous media by a ferrocene-based fluorescent receptor. Dalton Transactions, 2012, 41, 4437.	3.3	27
96	Multichannel recognition of hydrogen sulphate anion by a Zn(II)â€“triazoleâ€“pyridine complex bearing a ferrocenyl pendant. Supramolecular Chemistry, 2012, 24, 826-832.	1.2	8
97	Multichannel HSO4â^' recognition promoted by a bound cation within a ferrocene-based ion pair receptor. Chemical Communications, 2012, 48, 6848.	4.1	49
98	Selective picomolar detection of mercury(<scp>ii</scp>) using optical sensors. Chemical Communications, 2011, 47, 1842-1844.	4.1	47
99	Aldimines generated from aza-Wittig reaction between bis(iminophosphoranes) derived from 1,1â€²-diazidoferrocene and aromatic or heteroaromatic aldehydes: electrochemical and optical behaviour towards metal cations. Dalton Transactions, 2011, 40, 12548.	3.3	21
100	Synthesis and Antiproliferative Activity of a C,N-Cycloplatinated(II) Complex with a Potentially Intercalative Anthraquinone Pendant. Inorganic Chemistry, 2011, 50, 2151-2158.	4.0	51
101	A Potent Ruthenium(II) Antitumor Complex Bearing a Lipophilic Levonorgestrel Group. Inorganic Chemistry, 2011, 50, 9164-9171.	4.0	74
102	Synthesis, Structural Charaterization, and Electrochemical and Optical Properties of Ferroceneâ€“Triazoleâ€“Pyridine Triads. Inorganic Chemistry, 2011, 50, 8214-8224.	4.0	60
103	A Simple but Effective Dual Redox and Fluorescent Ion Pair Receptor Based on a Ferroceneâ^'Imidazopyrene Dyad. Organic Letters, 2011, 13, 2078-2081.	4.6	80
104	Computational Studies on Azaphosphiridines, or How to Effect Ringâ€Opening Processes through Selective Bond Activation. Chemistry - A European Journal, 2011, 17, 3166-3178.	3.3	46
105	Novel C,N-chelate platinum(II) antitumor complexes bearing a lipophilic ethisterone pendant. Journal of Inorganic Biochemistry, 2011, 105, 525-531.	3.5	49
106	A Selective Chromogenic and Fluorescent Molecular Probe for Yb^{III}Based on a Bichromophoric Azadiene. European Journal of Inorganic Chemistry, 2010, 2010, 697-703.	2.0	11
107	Selective Metalâ€Cation Recognition by [2.2]Ferrocenophanes: The Cases of Zincâ€and Lithiumâ€Sensing. Chemistry - A European Journal, 2010, 16, 1532-1542.	3.3	40
108	Solid state conformational preferences of the {M(Î¼-XPX)}2 core (X=O, S) in transition metal complexes. Journal of Molecular Structure, 2010, 968, 52-58.	3.6	3

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109	A new bis(pyrenyl)azadiene-based probe for the colorimetric and fluorescent sensing of Cu(II) and Hg(II). Tetrahedron, 2010, 66, 3662-3667.	1.9	76
110	Conformationally Modulated Intramolecular Electron Transfer Process in a Diaza[2,2]ferrocenophane. Inorganic Chemistry, 2010, 49, 3183-3191.	4.0	22
111	Unexpected transalkylation on 3-alkyl-2-alkylthio-1,3,4-thiadiazolium-5-thiolates: A computational and experimental mechanistic study. Organic and Biomolecular Chemistry, 2010, 8, 1623.	2.8	7
112	New 7-azaindole palladium and platinum complexes: crystal structures and theoretical calculations. In vitro anticancer activity of the platinum compounds. Dalton Transactions, 2010, 39, 3290.	3.3	63
113	A multifaceted ferrocene-benzobisimidazole derivative: fluorogenic probe for Pb2+ and Zn2+ cations and unconventional fluorescence behaviour towards Cu2+ metal cations. Dalton Transactions, 2010, 39, 5429.	3.3	29
114	Strong Evidence for an Unprecedented Borderline Case of Dissociation and Cycloaddition in Openâ€Shell 1,3â€Dipole Chemistry: Transient Nitrilium Phosphaneâ€Ylide Complex Radical Cations. European Journal of Inorganic Chemistry, 2009, 2009, 3226-3237.	2.0	27
115	A Selective Redox and Chromogenic Probe for Hg(II) in Aqueous Environment Based on a Ferroceneâ"Azaquinoxaline Dyad. Inorganic Chemistry, 2009, 48, 11566-11575.	4.0	55
116	Mononuclear Ferrocenophane Structural Motifs with Two Thiourea Arms Acting as a Dual Binding Site for Anions and Cations. Inorganic Chemistry, 2009, 48, 1566-1576.	4.0	48
117	A new open benzodipyrrole-based chemosensor for hydrogenpyrophosphate anion in aqueous environment. Chemical Communications, 2009, , 7539.	4.1	33
118	A multiresponsive two-arm ferrocene-based chemosensor molecule for selective detection of mercury. Dalton Transactions, 2009, , 2121.	3.3	41
119	A redox-fluorescent molecular switch based on a heterobimetallic Ir(iii) complex with a ferrocenyl azaheterocycle as ancillary ligand. Dalton Transactions, 2009, , 3900.	3.3	22
120	N1-Coordination in palladium(II) and platinum(II) complexes with 9-methylhypoxanthine: crystal structures and theoretical calculations. Dalton Transactions, 2009, , 9637.	3.3	8
121	Orthogonal non-covalent binding forces in solid state supramolecular herringbone-shaped â€œinterlocked dimersâ€• Pseudopolymorphism in [(ppy)Pd(Î¼-pz)]2 (ppy = 2-(2-pyridyl)phenyl, pz = pyrazol-1-yl) complex. Dalton Transactions, 2009, , 9625.	3.3	29
122	Imidazole-Annelated Ferrocene Derivatives as Highly Selective and Sensitive Multichannel Chemical Probes for Pb(II) Cations. Journal of Organic Chemistry, 2009, 74, 4787-4796.	3.2	96
123	2-Aza-1,3-butadiene ligands for the selective detection of Hg2+ and Cu2+ ions. Arkivoc, 2009, 2010, 124-144.	0.5	1
124	Crystal Packing in Diâ€(Î¼â€OH)â€orthoâ€palladated Complexes â€“ A DFT Insight into the Molecular Structure and Solidâ€State Interactions. European Journal of Inorganic Chemistry, 2008, 2008, 3687-3697.	2.0	7
125	Bis(indolyl)methane derivatives as highly selective colourimetric and ratiometric fluorescent molecular chemosensors for Cu2+ cations. Tetrahedron, 2008, 64, 2184-2191.	1.9	134
126	Ferrocene-Based Small Molecules for Dual-Channel Sensing of Heavy- and Transition-Metal Cations. Journal of Organic Chemistry, 2008, 73, 5489-5497.	3.2	67

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127	Triple Channel Sensing of Pb(II) Ions by a Simple Multiresponsive Ferrocene Receptor Having a 1-Deazapurine Backbone. Organic Letters, 2008, 10, 41-44.	4.6	95
128	Cation Coordination Induced Modulation of the Anion Sensing Properties of a Ferroceneâ^'Imidazophenanthroline Dyad: Multichannel Recognition from Phosphate-Related to Chloride Anions. Journal of Organic Chemistry, 2008, 73, 4034-4044.	3.2	161
129	Cation Coordination Induced Modulation of the Anion Sensing Properties of a Ferroceneâ^'Imidazophenanthroline Dyad: Mutichannel Recognition from Phosphate-Related to Chloride Anions. Journal of Organic Chemistry, 2008, 73, 9196-9196.	3.2	2
130	Multifunctional Ferroceneâ^'Ruthenocene Dyads Linked by Single or Double Aza-Containing Bridges Displaying Metalâ^'Metal Interactions and Cation Recognition Properties. Journal of Organic Chemistry, 2007, 72, 1161-1173.	3.2	22
131	Synthesis of Multifunctional Aza-Substituted Ruthenocene Derivatives Displaying Charge-Transfer Transitions and Selective Zn(II) Ions Sensing Properties. Organometallics, 2007, 26, 6234-6242.	2.3	25
132	Synthesis, Electrochemical, and Optical Properties of Linear Homo- and Heterometallocene Triads. Journal of Organic Chemistry, 2007, 72, 6924-6937.	3.2	21
133	A Simple but Effective Ferrocene Derivative as a Redox, Colorimetric, and Fluorescent Receptor for Highly Selective Recognition of Zn2+Ions. Organic Letters, 2007, 9, 2385-2388.	4.6	81
134	Electroactive Thiazole Derivatives Capped with Ferrocenyl Units Showing Charge-Transfer Transition and Selective Ion-Sensing Properties:â€‰ A Combined Experimental and Theoretical Study. Inorganic Chemistry, 2007, 46, 825-838.	4.0	85
135	[3.3]Ferrocenophanes with Guanidine Bridging Units as Multisignalling Receptor Molecules for Selective Recognition of Anions, Cations, and Amino Acids. Chemistry - A European Journal, 2007, 13, 5742-5752.	3.3	77
136	Evidence for Ligandâ€Centered Reactivity of a 17e Radical Cationic 2Hâ€Azaphosphirene Complex. European Journal of Inorganic Chemistry, 2007, 2007, 4669-4678.	2.0	15
137	Ferrocene-Based Ureas as Multisignaling Receptors for Anions. Journal of Organic Chemistry, 2006, 71, 4590-4598.	3.2	104
138	Heteroditopic ferrocene-based ureas as receptors for anions and cations. Dalton Transactions, 2006, , 3685-3692.	3.3	59
139	2-Aza-1,3-butadiene Derivatives Featuring an Anthracene or Pyrene Unit:â€‰ Highly Selective Colorimetric and Fluorescent Signaling of Cu2+Cation. Organic Letters, 2006, 8, 3235-3238.	4.6	200
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