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	New Hg2+and Cu2+Selective Chromo- and Fluoroionophore Based on a Bichromophoric Azine. Organic Letters, 2005, 7, 5869-5872.	4.6	234
2	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
3	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
4	Bis(indolyl)methane derivatives as highly selective colourimetric and ratiometric fluorescent molecular chemosensors for Cu2+ cations. Tetrahedron, 2008, 64, 2184-2191.	1.9	134
5	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
6	Ferrocene-Based Ureas as Multisignaling Receptors for Anions. Journal of Organic Chemistry, 2006, 71, 4590-4598.	3.2	104
7	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
8	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
9	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
10	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
11	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
12	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
13	[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
14	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
15	A Potent Ruthenium(II) Antitumor Complex Bearing a Lipophilic Levonorgestrel Group. Inorganic Chemistry, 2011, 50, 9164-9171.	4.0	74
16	A new fluoride selective electrochemical and fluorescent chemosensor based on a ferroceneâ€“naphthalene dyad. Chemical Communications, 2004, , 1658-1659.	4.1	73
17	Indolocarbazole-Based Ligands for Ladder-Type Four-Coordinate Boron Complexes. Organic Letters, 2012, 14, 3360-3363.	4.6	69
18	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

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19	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
20	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
21	Synthesis, Structural Charaterization, and Electrochemical and Optical Properties of Ferroceneâ€“Triazoleâ€“Pyridine Triads. Inorganic Chemistry, 2011, 50, 8214-8224.	4.0	60
22	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
23	Heteroditopic ferrocene-based ureas as receptors for anions and cations. Dalton Transactions, 2006, , 3685-3692.	3.3	59
24	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
25	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
26	Synthesis, Structural Characterization, and Sensing Properties of Clickable Unsymmetrical 1,1â€²-Disubstituted Ferroceneâ€“Triazole Derivatives. Organometallics, 2012, 31, 2085-2096.	2.3	54
27	Selective Fluorescence Sensing of Li+in an Aqueous Environment by a Ferroceneâ^'Anthracene-Linked Dyad. Organic Letters, 2004, 6, 4599-4602.	4.6	53
28	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
29	A New Multifunctional Ferrocenyl-Substituted Ferrocenophane Derivative: Optical and Electronic Properties and Selective Recognition of Mg2+ Ions. Chemistry - A European Journal, 2004, 10, 1815-1826.	3.3	52
30	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
31	Novel C,N-chelate platinum(II) antitumor complexes bearing a lipophilic ethisterone pendant. Journal of Inorganic Biochemistry, 2011, 105, 525-531.	3.5	49
32	Multichannel HSO4â^' recognition promoted by a bound cation within a ferrocene-based ion pair receptor. Chemical Communications, 2012, 48, 6848.	4.1	49
33	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
34	Selective picomolar detection of mercury(<scp>ii</scp>) using optical sensors. Chemical Communications, 2011, 47, 1842-1844.	4.1	47
35	Synthesis and Reactions of the First Room Temperature Stable Li/Cl Phosphinidenoid Complex. Inorganic Chemistry, 2012, 51, 12343-12349.	4.0	47
36	Synthesis and Characterization of Radical Cations Derived from Mono- and Biferrocenyl-Substituted 2-Aza-1,3-butadienes: A Study of the Influence of an Asymmetric and Oxidizable Bridge on Intramolecular Electron Transfer. European Journal of Inorganic Chemistry, 2005, 2005, 2436-2450.	2.0	46

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37	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
38	A multiresponsive two-arm ferrocene-based chemosensor molecule for selective detection of mercury. Dalton Transactions, 2009, , 2121.	3.3	41
39	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
40	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
41	An Electroactive Nitrogen-Rich [4.4]Ferrocenophane Displaying Redox-Switchable Behavior: Selective Sensing, Complexation, and Decomplexation of Mg2+ions. Angewandte Chemie - International Edition, 2005, 44, 1977-1981.	13.8	39
42	Preparation, Structure, and Anion Sensing Properties of 1,n-Diaza[n]ferrocenophanes. Journal of Organic Chemistry, 2005, 70, 6603-6608.	3.2	38
43	Isomeric carbazolocarbazoles: synthesis, characterization and comparative study in Organic Field Effect Transistors. Journal of Materials Chemistry C, 2013, 1, 1959.	5.5	38
44	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
45	Synthesis and properties of a new class of nitrogen-rich multinuclear[m.n] ferrocenophanes. Chemical Communications, 2004, , 458-459.	4.1	37
46	Rigid Ï€-Extended Boron Difluoride Complex with Mega-Stokes Shift for Bioimaging. Organic Letters, 2020, 22, 3356-3360.	4.6	37
47	Ferroceneâ€“Triazoleâ€“Pyrene Triads as Multichannel Heteroditopic Recognition Receptors for Anions, Cations and Ion Pairs. Organometallics, 2014, 33, 2837-2852.	2.3	36
48	Multifunctional Linear Triferrocene Derivatives Linked by Oxidizable Bridges:â€‰ Optical, Electronic, and Cation Sensing Properties. Organic Letters, 2005, 7, 3171-3174.	4.6	33
49	A new open benzodipyrrole-based chemosensor for hydrogenpyrophosphate anion in aqueous environment. Chemical Communications, 2009, , 7539.	4.1	33
50	Solid state conformational and theoretical study of complexes containing the (CxN)Pd moiety (CxN =) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.8	31
51	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
52	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
53	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
54	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

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55	Reactivity of terminal phosphinidene versus Liâ€“Cl phosphinidenoid complexes in cycloaddition chemistry. Chemical Communications, 2012, 48, 5986.	4.1	27
56	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
57	Highly selective mercury(ii) cations detection in mixedâ€“aqueous media by a ferrocene-based fluorescent receptor. Dalton Transactions, 2012, 41, 4437.	3.3	27
58	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
59	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
60	Synthesis and DFT calculations of spirooxaphosphirane complexes. Dalton Transactions, 2013, 42, 8897.	3.3	26
61	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
62	Deoxygenation of carbon dioxide by electrophilic terminal phosphinidene complexes. Chemical Science, 2012, 3, 3526.	7.4	25
63	Oxaphosphirane-Borane Complexes: Ring Strain and Migratory Insertion/Ring-Opening Reactions. Inorganic Chemistry, 2014, 53, 6132-6140.	4.0	25
64	New steroidal 7-azaindole platinum(II) antitumor complexes. Journal of Inorganic Biochemistry, 2013, 128, 48-56.	3.5	24
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	A nitrate-selective electrode based on a tris(2-aminoethyl)amine triamide derivative receptor. Analytica Chimica Acta, 2004, 525, 231-237.	5.4	23
67	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
68	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
69	Conformationally Modulated Intramolecular Electron Transfer Process in a Diaza[2,2]ferrocenophane. Inorganic Chemistry, 2010, 49, 3183-3191.	4.0	22
70	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
71	Synthesis, Electrochemical, and Optical Properties of Linear Homo- and Heterometallocene Triads. Journal of Organic Chemistry, 2007, 72, 6924-6937.	3.2	21
72	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

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73	Multifunctional Benzothiadiazoleâ€Based Small Molecules Displaying Solvatochromism and Sensing Properties toward Nitroarenes, Anions, and Cations. ChemistryOpen, 2014, 3, 242-249.	1.9	21
74	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
75	Synthesis of a Novel Class of Macrocyclic Compounds Containing 1,3,4-Thiadiazole Rings as Subunits. Journal of Organic Chemistry, 1994, 59, 3665-3669.	3.2	20
76	Stimuliâ€Responsive Frustrated Lewisâ€Pairâ€Type Reactivity of a Tungsten Iminoazaphosphiridine Complex. Chemistry - A European Journal, 2015, 21, 9650-9655.	3.3	20
77	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
78	Electrophilic behaviour of 3-methyl-2-methylthio-1,3,4-thiadiazolium salts: A multimodal theoretical approach. Arkivoc, 2005, 2005, 415-437.	0.5	20
79	A densely decorated disubstituted ferrocene as an ion-pair recognition receptor. Chemical Communications, 2013, 49, 9633.	4.1	19
80	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
81	Thiaphosphiranes and Their Complexes: Systematic Study on Ring Strain and Ring Cleavage Reactions. Inorganic Chemistry, 2016, 55, 9611-9619.	4.0	19
82	Exocyclic Bond Cleavage in Oxaphosphirane Complexes?. Chemistry - A European Journal, 2012, 18, 13405-13411.	3.3	18
83	Rearrangement and deoxygenation of 3,3-bis(2-pyridyl)oxaphosphirane complexes. Dalton Transactions, 2016, 45, 2085-2094.	3.3	18
84	On the Mechanism of Trimethylphosphine-Mediated Reductive Dimerization of Ketones. Inorganic Chemistry, 2018, 57, 8058-8064.	4.0	18
85	Benchmarking the inversion barriers in Ïƒ³Î»³-phosphorus compounds: a computational study. New Journal of Chemistry, 2020, 44, 8763-8770.	2.8	18
86	Unprecedented Ringâ€“Ring Interconversion of N,P,Câ€Cage Ligands. Chemistry - A European Journal, 2015, 21, 3727-3735.	3.3	17
87	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
88	Synthesis of 1,2,4-Triazole and 1,3,4-Thiadiazole Derivatives from Methyl 2-Methyldithiocarbazate and Heterocumulenes. Synthesis, 1989, 1989, 923-929.	2.3	16
89	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
90	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

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91	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
92	Mexican Sign Language Alphanumerical Gestures Recognition using 3D Haar-like Features. IEEE Latin America Transactions, 2017, 15, 2000-2005.	1.6	16
93	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
94	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
95	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
96	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
97	Kinetic energy density per electron as quick insight into ring strain energies. Tetrahedron Letters, 2016, 57, 5616-5619.	1.4	14
98	Nitrogen-Rich Multinuclear Ferrocenophanes as Multichannel Chemosensor Molecules for Transition and Heavy-Metal Cations. Sensors, 2014, 14, 14339-14355.	3.8	13
99	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
100	Quantum Chemical Calculations on CHOP Derivativesâ€”Spanning the Chemical Space of Phosphinidenes, Phosphaketenes, Oxaphosphirenes, and COPâ˜ Isomers. Molecules, 2018, 23, 3341.	3.8	13
101	Accurate Ring Strain Energies of Unsaturated Three-Membered Heterocycles with One Group 13â€“16 Element. Inorganic Chemistry, 2022, 61, 6459-6468.	4.0	13
102	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
103	Effects of diminished steric protection at phosphorus on stability and reactivity of oxaphosphirane complexes. Dalton Transactions, 2018, 47, 9347-9354.	3.3	12
104	M/X Phosphinidenoid Metal Complex Chemistry. Accounts of Chemical Research, 2021, 54, 1754-1765.	15.6	12
105	2-Methylthio-1,3,4-thiadiazolium Cations as Useful Precursors for the Preparation of 2-Amino-1,3,4-thiadizole Derivatives and as Dehydrating Reagents of Aldoximes. Heterocycles, 1989, 29, 2301.	0.7	12
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	The 3-Acetyloxaphosphirane/1,3,2-Dioxaphosphol-4-ene Rearrangement. European Journal of Inorganic Chemistry, 2014, 2014, 1727-1734.	2.0	11
108	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

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109	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
110	Between Oxirane and Phosphirane: The Springâ€loaded Oxaphosphirane Ring. European Journal of Inorganic Chemistry, 2021, 2021, 348-353.	2.0	11
111	Methyl 2-methyldithiocarbazate in heterocyclic synthesis: preparation of 2,5-disubstituted 1,3,4-thiadiazoles, bis(1,3,4-thiadiazolium) salts and macrocycles containing 1,3,4-thiadiazole subunits. X-Ray crystal structure of 2,2â€²-bis[4,5-dihydro-5-(2-hydroxyethylimino)-4-methyl-1,3,4-thiadiazole]. Journal of the Chemical Society Perkin Transactions 1, 1991, , 1159-1166.	0.9	10
112	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
113	Synthesis of Bridgehead-nitrogen Heterocycles from Pyrylium Salts: Preparation of the Novel Tricyclic Thiazolo[2,3-a]pyrido[2,1-f][1,2,4]triazine Ring System. Heterocycles, 1987, 26, 2183.	0.7	10
114	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
115	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
116	Access and unprecedented reaction pathways of Li/Cl phosphinidenoid iron(0) complexes. Dalton Transactions, 2019, 48, 339-345.	3.3	9
117	A case study on the conversion of Li/Cl phosphinidenoid into phosphinidene complexes. Dalton Transactions, 2021, 50, 739-745.	3.3	9
118	Syntheses of Bile Pigments. Part 18. Synthesis and conformational studies of oxa- and thia-deaza-biliverdin analogues. Helvetica Chimica Acta, 1994, 77, 1837-1850.	1.6	8
119	A new insight into the problem of stabilisation of Î±-carbocationic centres in the ferrocene series. Tetrahedron Letters, 2002, 43, 4717-4720.	1.4	8
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	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
122	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
123	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
124	An Electroactive Nitrogen-Rich [4.4]Ferrocenophane Displaying Redox-Switchable Behavior: Selective Sensing, Complexation, and Decomplexation of Mg2+ions. Angewandte Chemie, 2005, 117, 2013-2017.	2.0	7
125	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
126	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

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127	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
128	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
129	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
130	1,2-Insertion reactions of alkynes into Geâ€“C bonds of arylbromogermylene. Dalton Transactions, 2020, 49, 7189-7196.	3.3	7
131	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
132	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
133	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
134	P-Functionalized tetrathiafulvalenes from 1,3-dithiole-2-thiones?. New Journal of Chemistry, 2020, 44, 17122-17128.	2.8	6
135	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
136	1,2-Thiaphosphetanes: The Quest for Wittig-Type Ring Cleavage, Rearrangement, and Sulfur Atom Transfer. Inorganic Chemistry, 2020, 59, 3110-3117.	4.0	6
137	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
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