

Andrea Ienco

List of Publications by Year in descending order

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136
papers

4,955
citations

136950

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h-index

106344

65
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147
all docs

147
docs citations

147
times ranked

5986
citing authors

#	ARTICLE	IF	CITATIONS
1	Hyperquad simulation and speciation (HySS): a utility program for the investigation of equilibria involving soluble and partially soluble species. <i>Coordination Chemistry Reviews</i> , 1999, 184, 311-318.	18.8	1,443
2	A Self-Assembled Pyrrolic Cage Receptor Specifically Recognizes β -Glucopyranosides. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 6693-6696.	13.8	140
3	Iron(II) Complexes of the Linear <i>rac</i> -Tetraphos-1 Ligand as Efficient Homogeneous Catalysts for Sodium Bicarbonate Hydrogenation and Formic Acid Dehydrogenation. <i>ACS Catalysis</i> , 2015, 5, 1254-1265.	11.2	120
4	Selective Ruthenium-Catalyzed Transformations of Enynes with Diazoalkanes into Alkenylbicyclo[3.1.0]hexanes. <i>Journal of the American Chemical Society</i> , 2007, 129, 6037-6049.	13.7	104
5	Nonclassical vs Classical Metal- H_3C Interactions: Accurate Characterization of a 14-Electron Ruthenium(II) System by Neutron Diffraction, Database Analysis, Solution Dynamics, and DFT Studies. <i>Journal of the American Chemical Society</i> , 2004, 126, 5549-5562.	13.7	97
6	Synthesis, breathing, and gas sorption study of the first isorecticular mixed-linker phosphonate based metal-organic frameworks. <i>Chemical Communications</i> , 2013, 49, 1315.	4.1	85
7	Pyrrolic Tripodal Receptors Effectively Recognizing Monosaccharides. Affinity Assessment through a Generalized Binding Descriptor. <i>Journal of the American Chemical Society</i> , 2007, 129, 4377-4385.	13.7	84
8	Rationalization of the inhibition activity of structurally related organometallic compounds against the drug target cathepsin B by DFT. <i>Dalton Transactions</i> , 2010, 39, 5556.	3.3	79
9	The chemistry of Ce-based metal-organic frameworks. <i>Dalton Transactions</i> , 2020, 49, 16551-16586.	3.3	76
10	Electronic Factors Affecting Second-Order NLO Properties: A Case Study of Four Different Push-Pull Bis-Dithiolene Nickel Complexes. <i>Inorganic Chemistry</i> , 2004, 43, 5069-5079.	4.0	75
11	Electronic Influence of the Thienyl Sulfur Atom on the Oligomerization of Ethylene by Cobalt(II) 6-(Thienyl)-2-(imino)pyridine Catalysis. <i>Organometallics</i> , 2007, 26, 726-739.	2.3	74
12	Structure and Bonding of Diiodine Adducts of the Sulfur-Rich Donors 1,3-Dithiacyclohexane-2-thione (ptc) and 4,5-Ethylenedithio-1,3-dithiole-2-thione (ttb). <i>Inorganic Chemistry</i> , 1999, 38, 4626-4636.	4.0	64
13	Activation and Functionalization of White Phosphorus at Rhodium: Experimental and Computational Analysis of the $[(\text{triphos})\text{Rh}(\text{R})_2\text{P}(\text{CH}_2\text{PPh}_2)_3]$ Complexes (triphos = MeC(CH ₂ PPh ₂) ₃ ; R = H, Alkyl, Aryl; $\text{R}^2 = 2$) <i>J. Organomet. Chem.</i> 2011, 884, 1-14	1.0	314
14	Phase Transitions and CO ₂ Adsorption Properties of Polymeric Magnesium Formate. <i>Crystal Growth and Design</i> , 2008, 8, 3302-3308.	3.0	62
15	The Role of Water in the Preparation and Stabilization of High-Quality Phosphorene Flakes. <i>Advanced Materials Interfaces</i> , 2016, 3, 1500441.	3.7	62
16	Activation of Molecular Hydrogen over a Binuclear Complex with Rh ₂ S ₂ Core: DFT Calculations and NMR Mechanistic Studies. <i>Journal of the American Chemical Society</i> , 2004, 126, 11954-11965.	13.7	57
17	Polymer-Based Black Phosphorus (bP) Hybrid Materials by in Situ Radical Polymerization: An Effective Tool To Exfoliate bP and Stabilize bP Nanoflakes. <i>Chemistry of Materials</i> , 2018, 30, 2036-2048.	6.7	57
18	Synthesis, molecular structure and properties of oxo-vanadium(IV) complexes containing the oxydiacetate ligand. <i>Dalton Transactions</i> , 2003, , 1813-1820.	3.3	49

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19	Solvent dependent synthesis of micro- and nano- crystalline phosphinate based 1D tubular MOF: structure and CO ₂ adsorption selectivity. <i>CrystEngComm</i> , 2012, 14, 7170.	2.6	49
20	A Perspective on Recent Advances in Phosphorene Functionalization and Its Applications in Devices. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 1476-1494.	2.0	49
21	Synthesis, antiapoptotic biological activity and structure of an oxo-vanadium(IV) complex with an OOO ligand donor set. <i>Inorganic Chemistry Communication</i> , 2000, 3, 32-34.	3.9	46
22	Factors Controlling Asymmetrization of the Simplest Linear I ₃ ⁺ and I ₄ ²⁺ Polyiodides with Implications for the Nature of Halogen Bonding. <i>Crystal Growth and Design</i> , 2012, 12, 1762-1771.	3.0	46
23	Synthesis and molecular structure of oxydiacetate complexes of nickel(ii) and cobalt(ii). Theoretical analysis of the planar and non-planar conformations of oxydiacetate ligand and oxydiacetic acid. <i>Dalton Transactions RSC</i> , 2002, , 3771-3777.	2.3	44
24	S ₄ ²⁺ Rings, Disulfides, and Sulfides in Transition-Metal Complexes: The Subtle Interplay of Oxidation and Structure. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 2864-2868.	13.8	43
25	Different Structural Networks Determined by Variation of the Ligand Skeleton in Copper(II) Diphosphinate Coordination Polymers. <i>Crystal Growth and Design</i> , 2010, 10, 7-10.	3.0	42
26	Noncovalent Functionalization of 2D Black Phosphorus with Fluorescent Boronic Derivatives of Pyrene for Probing and Modulating the Interaction with Molecular Oxygen. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 22637-22647.	8.0	42
27	First example of a tetra-carboxylate bridged dimanganese species Electronic supplementary information (ESI) available: experimental section and computational details. See http://www.rsc.org/suppdata/cc/b2/b211886f . <i>Chemical Communications</i> , 2003, , 512-513.	4.1	36
28	An integrated spectroscopic approach for the identification of what distinguishes Afghan lapis lazuli from others. <i>Vibrational Spectroscopy</i> , 2009, 49, 80-83.	2.2	36
29	Chiral Diaminopyrrolic Receptors for Selective Recognition of Mannosides, Part 2: A 3D View of the Recognition Modes by X-ray, NMR Spectroscopy, and Molecular Modeling. <i>Chemistry - A European Journal</i> , 2011, 17, 4821-4829.	3.3	35
30	Diastereomerically Enriched Analogues of the Water-Soluble Phosphine PTA. Synthesis of Phenyl(1,3,5-triaza-7-phosphatricyclo[3.3.1.1.3,7]dec-6-yl)methanol (PZA) and the Sulfide PZA(S) and X-ray Crystal Structures of the Oxide PZA(O) and [Cp*IrCl ₂ (PZA)]. <i>Inorganic Chemistry</i> , 2008, 47, 8-10.	4.0	34
31	Electronic aspects of the phosphine-oxide ↔ phosphinous acid tautomerism and the assisting role of transition metal centers. <i>Journal of Organometallic Chemistry</i> , 2014, 760, 177-185.	1.8	34
32	Redox behavior of the molybdenum and tungsten metallafullerenes M(1,2-C ₆₀)(CO) ₂ (phen)(dbm) (phen = 1,10-phenanthroline; dbm = dibutyl maleate): (spectro)electrochemistry and theoretical considerations. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 965-970.	1.1	33
33	Thiodiacetate and Oxydiacetate Cobalt Complexes: Synthesis, Structure and Stereochemical Features. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 3543-3552.	2.0	33
34	Nature of the metal-carbon contacts in ene-diamido d ⁰ metal complexes. <i>New Journal of Chemistry</i> , 2000, 24, 73-75.	2.8	32
35	First Proof-of-Principle of Inorganic Lead Halide Perovskites Deposition by Magnetron-Sputtering. <i>Nanomaterials</i> , 2020, 10, 60.	4.1	32
36	Formation and Characterization of the Hexanuclear Platinum Cluster [Pt ₆ (1/4-PB _u t ₂) ₄ (CO) ₆](CF ₃ SO ₃) ₂ through Structural, Electrochemical, and Computational Analyses. <i>Journal of the American Chemical Society</i> , 2005, 127, 3076-3089.	13.7	31

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37	Inner- versus Outer-Sphere Ru-Catalyzed Formic Acid Dehydrogenation: A Computational Study. <i>Organometallics</i> , 2013, 32, 7053-7064.	2.3	31
38	Structure and vibrational spectroscopy of methanesulfonic acid hydrazide: an experimental and theoretical study. <i>New Journal of Chemistry</i> , 1999, 23, 1253-1260.	2.8	30
39	Thiodiacetate cobalt(II) complexes: Synthesis, structure and properties. <i>Inorganic Chemistry Communication</i> , 2005, 8, 463-466.	3.9	30
40	Regio- and Diastereoselective Nucleophilic Additions of Lithium Enolates on the Allenylidene Complexes [Ru{CCC(R)Ph}(i-5-C9H7)(PPh3)2][PF6] (R = H, Ph): Synthesis of the First Chiral Keto-Functionalized (i-f-Alkynyl)ruthenium(II) Complexes. <i>Organometallics</i> , 1998, 17, 5216-5218.	2.3	29
41	Manganese Oxydiacetate Complexes: Synthesis, Structure and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 707-717.	2.0	29
42	Inorganic-Organic Hybrids of the pcp ²⁻ -Diphenylmethylenediphosphinate, pcp ²⁻ . Synthesis, Characterization, and XRPD Structures of [Sn(pcp)] and [Cu(pcp)]. <i>Inorganic Chemistry</i> , 2005, 44, 9416-9423.	4.0	29
43	Copper(II) Complexes with Bridging Diphosphinates – The Effect of the Elongation of the Aliphatic Chain on the Structural Arrangements Around the Metal Centres. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 3046-3055.	2.0	29
44	Thiodiacetate-Manganese Chemistry with N ligands: Unique Control of the Supramolecular Arrangement over the Metal Coordination Mode. <i>Chemistry - A European Journal</i> , 2011, 17, 10600-10617.	3.3	29
45	Modelling strategies for the covalent functionalization of 2D phosphorene. <i>Dalton Transactions</i> , 2018, 47, 17243-17256.	3.3	28
46	Supramolecular Interactions as Determining Factors of the Geometry of Metallic Building Blocks: Tetracarboxylate Dimanganese Species. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 3429-3432.	13.8	27
47	Heterobimetallic Cooperation Mediates the Transformation of White Phosphorus into Zwitterionic catena ⁺ Phosphonium(+)diphosphenide(â ⁻) Ligands. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 3766-3768.	13.8	26
48	Tetranuclear manganese(II) complexes of hydrazone and carbohydrazone ligands: Synthesis, crystal structures, magnetic properties, Hirshfeld surface analysis and DFT calculations. <i>Inorganica Chimica Acta</i> , 2016, 443, 101-109.	2.4	26
49	HYDROLYSIS OF BERYLLIUM(II) IN DMSO : H2O. <i>Main Group Metal Chemistry</i> , 1997, 20, .	1.6	25
50	Unprecedented 1-1-Pbasal Coordination of P4X3 Molecules (X = S, Se). An Experimental and Theoretical Study of the Apical vs Basal Complexation Dichotomy. <i>Inorganic Chemistry</i> , 2002, 41, 659-668.	4.0	25
51	Novel results on thiodiacetate zinc(II) complexes: Synthesis and structure of [Zn(tda)(phen)]2·5H2O. <i>Inorganic Chemistry Communication</i> , 2006, 9, 160-163.	3.9	25
52	Modulation of properties in analogues of Zeise's anion on changing the ligand trans to ethene. X-Ray crystal structures of trans-[PtCl2(OH)(i-2-C2H4)] ⁻ and trans-[PtCl2(i-1-CH2NO2)(i-2-C2H4)] ⁻ . <i>Dalton Transactions</i> , 2012, 41, 3014.	3.3	25
53	Intriguing I ₂ Reduction in the Iodide for Chloride Ligand Substitution at a Ru(II) Complex: Role of Mixed Trihalides in the Redox Mechanism. <i>Inorganic Chemistry</i> , 2016, 55, 283-291.	4.0	25
54	Unraveling the Role of Metal Oxide Catalysts in the CO ₂ Desorption Process from Nonaqueous Sorbents: An Experimental Study Carried out with ¹³ C NMR. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 15419-15426.	6.7	25

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55	Synthesis and Structure of the Cluster Ion Pair $\{Ru_3(CO)_9[\frac{1}{4}P(NPri_2)_2]_3\}\{Ru_6(CO)_{15}(\frac{1}{4}C)[\frac{1}{4}P(NPri_2)_2]\}$. A Theoretical Overview of $M_3(\frac{1}{4}PR_2)_3$ Frameworks. <i>Inorganic Chemistry</i> , 2000, 39, 998-1005.	4.0	24
56	Different Complexation Properties of Some Hydroxy Keto Heterocycles toward Beryllium(II) in Aqueous Solutions: A Experimental and Theoretical Studies. <i>Inorganic Chemistry</i> , 2002, 41, 4006-4017.	4.0	23
57	Structural and Electronic Rearrangements upon the Oxidation of Binuclear (Ru ₂) and Trinuclear (MoRu ₂) Complexes with Bridging-Phenylenediamido Ligands. <i>Organometallics</i> , 2004, 23, 471-481.	2.3	23
58	A Critical Review of Electronic Effects in Enediamido and λ^5 -Diimino Complexes of the Group 4 Metals. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 2556-2568.	2.0	22
59	Solution and Solid-State Dynamics of Metal-Coordinated White Phosphorus. <i>Chemistry - A European Journal</i> , 2012, 18, 11238-11250.	3.3	22
60	Novel polystyrene-based nanocomposites by phosphorene dispersion. <i>RSC Advances</i> , 2016, 6, 53777-53783.	3.6	22
61	Imidazolyl-PTA Derivatives as Water-Soluble (P,N) Ligands for Ruthenium-Catalyzed Hydrogenations. <i>Organometallics</i> , 2011, 30, 6292-6302.	2.3	21
62	Intramolecular $d_{10} \rightarrow d_{10}$ Interactions in a $Ni_6C(CO)_9(AuPPh_3)_4$ Bimetallic Nickel-Gold Carbide Carbonyl Cluster. <i>Inorganic Chemistry</i> , 2013, 52, 10559-10565.	4.0	21
63	Similar but Different: The Case of Metoprolol Tartrate and Succinate Salts. <i>Crystal Growth and Design</i> , 2016, 16, 789-799.	3.0	21
64	Electron-Rich Bonding and the Importance of s,p Mixing as One Moves Across a Period: A Lesson from the LiSn System. <i>Journal of the American Chemical Society</i> , 2001, 123, 2317-2325.	13.7	20
65	Synthesis, structure, magnetic and electrochemical properties of an oxydiacetate iron(II) complex. <i>Inorganica Chimica Acta</i> , 2004, 357, 4215-4219.	2.4	20
66	Synthesis, Conformational Studies, Binding Assessment and Liposome Insertion of a Thioether-Bridged Mimetic of the Antigen GM3 Ganglioside Lactone. <i>ChemBioChem</i> , 2007, 8, 1646-1649.	2.6	20
67	A snapshot of a coordination polymer self-assembly process: the crystallization of a metastable 3D network followed by the spontaneous transformation in water to a 2D pseudopolymorphic phase. <i>Chemical Communications</i> , 2008, , 6381.	4.1	20
68	Cyclopentadienyl Ruthenium(II) Complexes with Bridging Alkynylphosphine Ligands: Synthesis and Electrochemical Studies. <i>Chemistry - A European Journal</i> , 2009, 15, 11985-11998.	3.3	20
69	Water-Soluble, 1,3,5-Triaza-7-phosphaadamantane-Stabilized Palladium Nanoparticles and their Application in Biphasic Catalytic Hydrogenations at Room Temperature. <i>ChemCatChem</i> , 2013, 5, 2517-2526.	3.7	20
70	Theoretical Overview of Pd(I) and Pt(I) Dimers with Bridging Phosphido Ligand(s). <i>Inorganic Chemistry</i> , 1999, 38, 4620-4625.	4.0	19
71	A New Cobalt(II)-Layered Network Based on Phenyl(carboxymethyl) Phosphinate. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 3179-3184.	2.0	19
72	Octahedral Co-Carbide Carbonyl Clusters Decorated by $[AuPPh_3]_n$ Fragments: Synthesis, Structural Isomerism, and Auophilic Interactions of $Co_6C(CO)_{12}(AuPPh_3)_4$. <i>Inorganic Chemistry</i> , 2014, 53, 9761-9770.	4.0	19

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73	Iridium(I) Complexes of Upper Rim Functionalized PTA Derivatives. Synthesis, Characterization, and Use in Catalytic Hydrogenations (PTA = 1,3,5-Triaza-7-phosphaadamantane). <i>Organometallics</i> , 2011, 30, 1874-1884.	2.3	18
74	A Counterintuitive Structural Effect of Metal–Metal Bond Protonation and Its Electronic Underpinnings. <i>Chemistry - A European Journal</i> , 2006, 12, 4691-4701.	3.3	17
75	A Comprehensive Qualitative and Quantitative Molecular Orbital Analysis of the Factors Governing the Dichotomy in the Dinorcaradiene 1,6-Methano[10]annulene system. <i>Chemistry - A European Journal</i> , 1997, 3, 958-968.	3.3	16
76	Reaction of [Pt{Fe(CO) ₃ (NO)} ₂ (PhCN) ₂] with diphenyl(2-pyridyl)phosphine selenide. Crystal structure of [(CO) ₃ Fe(1/4-Se){Pt(CO)P(2-C ₅ H ₄ N)Ph ₂ } ₂] and its theoretical study. <i>Inorganica Chimica Acta</i> , 2002, 330, 95-102.	2.4	16
77	Dynamic behaviour of Ru and Ru–Pt complexes containing tetrahedro-P ₄ ligand. <i>Dalton Transactions</i> , 2011, 40, 9668.	3.3	16
78	Electronic Stabilization of Trigonal Bipyramidal Clusters: the Role of the Sn(II) Ions in [Pt ₅ (CO) ₅ {Cl ₂ Sn(1/4-OR)SnCl ₂ } ₃] ³⁺ (R = H, Me, Et, Pr). <i>Inorganic Chemistry</i> , 2011, 50, 12553-12561.	3.3	16
79	Dephasing in strongly anisotropic black phosphorus. <i>Physical Review B</i> , 2016, 94, .	3.2	16
80	The atomic level mechanism of white phosphorous demolition by di-iodine. <i>Dalton Transactions</i> , 2018, 47, 394-408.	3.3	16
81	Interlayer Coordination of Pd–Pd Units in Exfoliated Black Phosphorus. <i>Journal of the American Chemical Society</i> , 2021, 143, 10088-10098.	13.7	16
82	Structural and Electronic Features of o-Phenylenediamido Complexes of Group 6 Metals in Different Oxidation States. <i>Comments on Inorganic Chemistry</i> , 2002, 23, 401-416.	5.2	14
83	Main Group Element Nets to a T. <i>Inorganic Chemistry</i> , 2004, 43, 2526-2540.	4.0	14
84	A novel linkage-isomeric pair of dinuclear Pd(II) complexes bearing a bis-bidentate tetraphos ligand. <i>Dalton Transactions</i> , 2009, , 1859.	3.3	14
85	Synthesis, X-ray Powder Structure, and Photophysical Properties of Three New Ce(III) Sulfate-Diaminotetraphosphonate-Based Coordination Polymers. <i>Crystal Growth and Design</i> , 2010, 10, 4831-4838.	3.0	14
86	Regioselective Hydromethoxycarbonylation of Terminal Alkynes Catalyzed by Palladium(II)–Tetraphos Complexes. <i>Organometallics</i> , 2012, 31, 4832-4837.	2.3	14
87	Supramolecular interactions impacting on the water stability of tubular metal–organic frameworks. <i>RSC Advances</i> , 2013, 3, 26177.	3.6	14
88	Hierarchy of Supramolecular Arrangements and Building Blocks: Inverted Paradigm of Crystal Engineering in the Unprecedented Metal Coordination of Methylene Blue. <i>Inorganic Chemistry</i> , 2017, 56, 3512-3516.	4.0	14
89	Reactivity of diphosphines towards methyl- and phenyl-mercury(II) ions. Crystal structure of [Hg(Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂][O ₃ SCF ₃] ₂ . <i>Journal of the Chemical Society Dalton Transactions</i> , 1996, , 2821.	1.1	13
90	Dynamic Behaviour of the [(Triphos)Rh(1-1,2-â€P ₄ RR ²)] ⁺ Complexes [Triphos = MeC(CH ₂) ₂ PPh ₂] ₃ ; R = H, Alkyl, Aryl; R ² = Lone Pair, H, Me; = O, 1]: NMR and Computational Studies. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 1392-1399.	2.0	13

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91	1,2-Diamidolenes, -Diphosphidolenes, and -Dithiolenes as Riders on Sawhorses (L6M2Units). A Theoretical Interpretation of the Stereochemistries, Residual Bonding Capabilities, and Contrasts to the Behavior of 1,2-Dioxolenes. <i>Inorganic Chemistry</i> , 1997, 36, 3724-3729.	4.0	12
92	On the protonation of ruthenium-PTA complexes in water. X-ray crystal structure of RuCl ₄ (PTAH) ₂ ·4H ₂ O (PTA=1,3,5-triaza-7-phosphaadamantane). <i>Comptes Rendus Chimie</i> , 2005, 8, 1491-1496.	0.5	12
93	Is 2.07 Å... a Record for the Shortest Pt~S Distance? Revision of Two Reported X-ray Structures. <i>Inorganic Chemistry</i> , 2009, 48, 3840-3847.	4.0	12
94	A new crystal form of the NSAID dexketoprofen. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2019, 75, 783-792.	0.5	12
95	Structural and electronic features of Group 8 metal complexes containing one Î±-diiminobenzene chelate ligand. <i>Inorganica Chimica Acta</i> , 2003, 350, 557-567.	2.4	11
96	Relationships between Anhydrous and Solvated Species of Dexketoprofen Trometamol: A Solid-State Point of View. <i>Crystal Growth and Design</i> , 2020, 20, 226-236.	3.0	11
97	â€œHalfâ€ Bondsâ€ in an Unusual Coordinated S₄^{2~} Rectangle. <i>Chemistry - an Asian Journal</i> , 2009, 4, 302-313.	3.3	10
98	Stabilization of the Triphosphallyl Ligand Î·³â€P₃{P(O)H} at Iridium via Alkaline Activation of P₄. <i>Chemistry - an Asian Journal</i> , 2013, 8, 3177-3184.	3.3	10
99	Synthesis and chemistry of 2-oxacyclocarbene and 2-cyclovinyl ether ligands supported by the [{MeC(CH ₂ PPh ₂) ₃ Re(CO) ₂] ⁺ auxiliary. <i>Inorganica Chimica Acta</i> , 2002, 339, 202-208.	2.4	9
100	Complexes formed from 2,4,6-trimercaptotriazine (H3TMT): synthesis and structural characterization		

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109	Electronic structure and bulk modulus of silicon dicarbide: a glitter phase. Computational and Theoretical Chemistry, 2005, 716, 73-78.	1.5	7
110	Parallel disulfido bridges in bi- and poly-nuclear transition metal compounds: Bonding flexibility induced by redox chemistry. Inorganica Chimica Acta, 2008, 361, 3631-3637.	2.4	7
111	Investigating Differences and Similarities between Betaxolol Polymorphs. Crystals, 2019, 9, 509.	2.2	7
112	Effective Recognition of Caffeine by Diaminocarbazolic Receptors. ChemPlusChem, 2020, 85, 1369-1373.	2.8	7
113	Easy and fast <i>in situ</i> functionalization of exfoliated 2D black phosphorus with gold nanoparticles. Dalton Transactions, 2021, 50, 11610-11618.	3.3	7
114	Nonsteroidal Anti-Inflammatory Drugs's 1-Phenylethylamine Diastereomeric Salts: A Systematic Solid-State Investigation. Crystal Growth and Design, 2021, 21, 6947-6960.	3.0	7
115	Synthesis and Structural Characterization of a Tetranuclear Zinc(II) Complex with P,P'-Diphenylmethylenediphosphinate (pcp) and 2,2'-Bipyridine (2,2'-bipy) Ligands. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2007, 62, 1476-1480.	0.7	6
116	Synthesis of Enantiomerically Enriched Amino Sulfide Building Blocks from Acyclic Chiral Amino Allylsilanes. Journal of Organic Chemistry, 2011, 76, 7415-7422.	3.2	6
117	Unprecedented Tris-Phosphido-Bridged Triangular Clusters with 42 Valence Electrons. Chemical, Electrochemical and Computational Studies of their Formation and Stability. Inorganic Chemistry, 2013, 52, 4635-4647.	4.0	6
118	Linear $\hat{\pm}$ -Olefins Obtained with Palladium(II) Complexes Bearing a Partially Oxidized Tetraphosphane. Organometallics, 2014, 33, 4067-4075.	2.3	6
119	Rationalization of Lattice Thermal Expansion for Beta-Blocker Organic Crystals. Crystals, 2020, 10, 350.	2.2	6
120	Structural similarities in 1D coordination polymers of alkaline earth diphosphinates. Inorganica Chimica Acta, 2012, 391, 150-157.	2.4	5
121	Mechanochemical Access to Elusive Metal Diphosphinate Coordination Polymer. Crystals, 2019, 9, 283.	2.2	5
122	A Combined Crystallographic and Computational Study on Dexketoprofen Trometamol Dihydrate Salt. Crystals, 2020, 10, 659.	2.2	5
123	Inverted Ligand Field in a Pentanuclear Bow Tie Au/Fe Carbonyl Cluster. Inorganic Chemistry, 2022, 61, 3484-3492.	4.0	5
124	Ibuprofen as linker for calcium(II) in a 1D-coordination polymer: A solid state investigation complemented with solution studies. Inorganica Chimica Acta, 2021, 523, 120319.	2.4	4
125	On the comparison of oxygen and sulfur transfer reactivities in phosphine and phosphorene: the case of R3Sb(X) carriers (X = O or S). Dalton Transactions, 2020, 49, 15072-15080.	3.3	4
126	Incorporation of 2D black phosphorus (2D-bP) in P3HT/PMMA mixtures for novel materials with tuned spectroscopic, morphological and electric features. FlatChem, 2021, 30, 100314.	5.6	4

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127	An overview of the electronic structure in trigonal bipyramidal clusters of main elements or mixed with transition metals. <i>Theoretical Chemistry Accounts</i> , 2009, 123, 365-373.	1.4	3
128	More about the redox behavior of late transition metal triple-decker complexes with cyclo-triphosphorus. <i>Inorganica Chimica Acta</i> , 2018, 470, 428-432.	2.4	3
129	Iodine-induced stepwise reactivity of coordinated white phosphorus: A mechanistic overview. <i>Inorganica Chimica Acta</i> , 2021, 517, 120205.	2.4	3
130	Electronic underpinnings of phosphido-bridged Pt ₃ clusters and the questioned stereochemistry of a uniquely reported 46e ⁻ species. <i>Inorganica Chimica Acta</i> , 2015, 424, 322-328.	2.4	2
131	Molecular-orbital study of a quasi-linear Ru ₂ Mo trinuclear compound with a diamidolene ligand across each metal-metal linkage. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997, , 1441-1446.	1.1	1
132	The crystal structure and spectroscopic characterization of 1-(<i>N</i> -ethyl-1-sulphonate-4-pyridinio)-2-[(<i>N</i> -methylpyrrol-2-yl)ethene. <i>Molecular Crystals and Liquid Crystals</i> , 2000, 339, 261-269.	0.3	1
133	Fluorescence enhancement aided by metal ion displacement. <i>Biosensors and Bioelectronics</i> , 2016, 80, 237-242.	10.1	1
134	Gold nanoparticles and organic dyes for BIPV-DSSCs. , 2015, , .		0
135	Electrodeposited White Bronzes: A Comparison between Zn-Bearing and Zn-Free Coatings. , 2020, , .		0
136	A Sulfonated Tweezer-Shaped Receptor Selectively Recognizes Caffeine in Water. <i>Journal of Organic Chemistry</i> , 2022, , .	3.2	0