

# Jan J Weigand

## List of Publications by Year in descending order

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223  
papers

6,559  
citations

57758

44  
h-index

102487

66  
g-index

252  
all docs

252  
docs citations

252  
times ranked

5194  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Advances in Guanidinium Salt Based Receptors and Functionalized Materials for the Recognition of Anions. <i>Chemistry Letters</i> , 2022, 51, 20-29.	1.3	4
2	4-Phosphoryl Pyrazolones for Highly Selective Lithium Separation from Alkali Metal Ions. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	9
3	Origin of Morphology Change and Effect of Crystallization Time and Si/Al Ratio during Synthesis of Zeolite ZSM-5. <i>ChemCatChem</i> , 2022, 14, .	3.7	14
4	Insights at the molecular level into the formation of oxo-bridged trinuclear uranyl complexes. <i>Chemical Communications</i> , 2022, 58, 1748-1751.	4.1	0
5	Large Acene Derivatives with N Lewis Pair Doping: Synthesis, Characterization, and Application. <i>Organic Letters</i> , 2022, 24, 1877-1882.	4.6	8
6	Direct conversion of white phosphorus to versatile phosphorus transfer reagents via oxidative onioation. <i>Nature Chemistry</i> , 2022, 14, 384-391.	13.6	31
7	On-water surface synthesis of charged two-dimensional polymer single crystals via the irreversible Katritzky reaction. , 2022, 1, 69-76.		34
8	One-pot synthesis of brewer's spent grain-supported superabsorbent polymer for highly efficient uranium adsorption from wastewater. <i>Environmental Research</i> , 2022, 212, 113333.	7.5	10
9	Separation of Na <sub>3</sub> VO <sub>4</sub> and Na <sub>2</sub> CrO <sub>4</sub> from high alkalinity solutions by solvent extraction. <i>Separation and Purification Technology</i> , 2021, 255, 117282.	7.9	5
10	Flowers of the plant genus <i>Hypericum</i> as versatile photoredox catalysts. <i>Green Chemistry</i> , 2021, 23, 881-888.	9.0	13
11	A facile way to regenerate FePO <sub>4</sub> ·2H <sub>2</sub> O precursor from spent lithium iron phosphate cathode powder: Spontaneous precipitation and phase transformation in an acidic medium. <i>Journal of Alloys and Compounds</i> , 2021, 856, 158148.	5.5	28
12	One-Pot Synthesis of Boron-Doped Polycyclic Aromatic Hydrocarbons via 1,4-Boron Migration. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 2833-2838.	13.8	27
13	Sterically constrained tricyclic phosphine: redox behaviour, reductive and oxidative cleavage of P-C bonds, generation of a dilithium phosphaindole as a promising synthon in phosphine chemistry. <i>Chemical Science</i> , 2021, 12, 3460-3474.	7.4	3
14	A convenient access to fluorophosphonium triflate salts by electrophilic fluorination and anion exchange. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 2854-2864.	6.0	7
15	Synergistic lanthanide extraction triggered by self-assembly of heterodinuclear Zn(II)/Ln(III) Schiff base/carboxylic acid complexes. <i>Solvent Extraction and Ion Exchange</i> , 2021, 39, 545-572.	2.0	0
16	Design and Synthesis of Novel Symmetric Fluorene-2,7-Diamine Derivatives as Potent Hepatitis C Virus Inhibitors. <i>Pharmaceuticals</i> , 2021, 14, 292.	3.8	2
17	Spatiotemporal Control of Supramolecular Polymerization and Gelation of Metal-Organic Polyhedra. <i>Journal of the American Chemical Society</i> , 2021, 143, 3562-3570.	13.7	39
18	Leaching performance of Al-bearing spent LiFePO <sub>4</sub> cathode powder in H <sub>2</sub> SO <sub>4</sub> aqueous solution. <i>Transactions of Nonferrous Metals Society of China</i> , 2021, 31, 817-831.	4.2	20

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19	Deactivation Kinetics of ZSM-5 by Coke in Ethanol-Hydrocarbons Process. <i>Chemie-Ingenieur-Technik</i> , 2021, 93, 747-753.	0.8	2
20	Conversion of Oxygenates on H-ZSM-5 Zeolites—Effects of Feed Structure and Si/Al Ratio on the Product Quality. <i>Catalysts</i> , 2021, 11, 432.	3.5	5
21	Peptization Control of Composite Materials Containing Water Glass for Spray Drying of Catalysts. <i>Chemical Engineering and Technology</i> , 2021, 44, 732-740.	1.5	1
22	Peptization Control of Aluminum Chloride-Containing Composites for Catalysts with Active Matrix. <i>Chemical Engineering and Technology</i> , 2021, 44, 1051-1057.	1.5	2
23	Development, characterisation, and deployment of the SNO+ liquid scintillator. <i>Journal of Instrumentation</i> , 2021, 16, P05009.	1.2	19
24	Saccharified Uranyl Ions: Self-Assembly of UO <sub>2</sub> <sup>2+</sup> into Trinuclear Anionic Complexes by the Coordination of Glucosamine-Derived Schiff Bases. <i>Chemistry - A European Journal</i> , 2021, 27, 8484-8491.	3.3	3
25	Enhanced thermal stability of hierarchical Y zeolites obtained by acid and subsequent base treatments. <i>Journal of Physics and Chemistry of Solids</i> , 2021, 152, 109962.	4.0	4
26	Comparative study of an acidic deep eutectic solvent and an ionic liquid as chemical agents for enhanced oil recovery. <i>Journal of Molecular Liquids</i> , 2021, 329, 115527.	4.9	17
27	Pyrazolyl-substituted Phosphorus(III) compounds in synthesis. <i>Coordination Chemistry Reviews</i> , 2021, 436, 213829.	18.8	1
28	Recycling of Brewer's Spent Grain as a Biosorbent by Nitro-Oxidation for Uranyl Ion Removal from Wastewater. <i>ACS Omega</i> , 2021, 6, 19364-19377.	3.5	9
29	Inhibition of asphaltene precipitation using hydrophobic deep eutectic solvents and ionic liquid. <i>Journal of Molecular Liquids</i> , 2021, 334, 116100.	4.9	26
30	Asymmetric Total Synthesis of (S)-Dehydrocostus Lactone by Domino Metathesis. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 3579-3586.	2.4	3
31	Recovering valuable metals from spent hydrodesulfurization catalyst via blank roasting and alkaline leaching. <i>Journal of Hazardous Materials</i> , 2021, 416, 125849.	12.4	12
32	Polymorphic Phosphorescence from Separable Aggregates with Unique Photophysical Properties. <i>Chemistry - A European Journal</i> , 2021, 27, 13135-13138.	3.3	7
33	Bifunctional Fluorophosphonium Triflates as Intramolecular Frustrated Lewis Pairs: Reversible CO <sub>2</sub> Sequestration and Binding of Carbonyls, Nitriles and Acetylenes. <i>Chemistry - A European Journal</i> , 2021, 27, 13709-13714.	3.3	9
34	Effective extraction of Pt(IV) as [PtCl <sub>6</sub> ] <sup>2-</sup> from hydrochloric acid using a simple urea extractant. <i>Separation and Purification Technology</i> , 2021, 277, 119456.	7.9	6
35	Coordination of trivalent lanthanum and cerium, and tetravalent cerium and actinides (An = Th(IV), Tj) ETQq1 1 0.784314 rgBT /Overlock Transactions, 2021, 50, 3550-3558.	3.3	7
36	Optical calibration of the SNO+ detector in the water phase with deployed sources. <i>Journal of Instrumentation</i> , 2021, 16, P10021.	1.2	3

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37	Comparative Extraction of Aluminum Group Metals Using Acetic Acid Derivatives with Three Different-Sized Frameworks for Coordination. <i>Separations</i> , 2021, 8, 211.	2.4	5
38	Manipulating Estrogenic/Anti-Estrogenic Activity of Triphenylethylenes towards Development of Novel Anti-Neoplastic SERMs. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12575.	4.1	3
39	Study of Asphaltene Deposition in the Presence of a Hydrophobic Deep Eutectic Solvent Using XDLVO Theory. <i>Energy &amp; Fuels</i> , 2021, 35, 19953-19962.	5.1	11
40	P <sup>+</sup> P Condensation and P <sup>+</sup> N/P <sup>+</sup> P Bond Metathesis: Facile Synthesis of Cationic Tri- and Tetraphosphanes. <i>Angewandte Chemie</i> , 2020, 132, 3613-3619.	2.0	4
41	P <sup>+</sup> P Condensation and P <sup>+</sup> N/P <sup>+</sup> P Bond Metathesis: Facile Synthesis of Cationic Tri- and Tetraphosphanes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3585-3591.	13.8	14
42	Helical Nanographenes Containing an Azulene Unit: Synthesis, Crystal Structures, and Properties. <i>Angewandte Chemie</i> , 2020, 132, 5686-5691.	2.0	47
43	Helical Nanographenes Containing an Azulene Unit: Synthesis, Crystal Structures, and Properties. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 5637-5642.	13.8	128
44	A Curved Graphene Nanoribbon with Multi-Edge Structure and High Intrinsic Charge Carrier Mobility. <i>Journal of the American Chemical Society</i> , 2020, 142, 18293-18298.	13.7	50
45	Ethanol to Aromatics on Modified H <sub>2</sub> ZSM-5 Part I: Interdependent Dealumination Actions. <i>ChemCatChem</i> , 2020, 12, 6301-6310.	3.7	14
46	Ethanol to Aromatics on Modified H <sub>2</sub> ZSM-5 Part II: An Unexpected Low Coking. <i>Chemistry - an Asian Journal</i> , 2020, 15, 3878-3885.	3.3	7
47	Synthesis and Characterization of AIE-Active B <sup>+</sup> N-Coordinated Phenalene Complexes. <i>Organic Materials</i> , 2020, 02, 240-247.	2.0	3
48	Love in the Time of COVID. <i>Journal of Organic Chemistry</i> , 2020, 85, 14273-14275.	3.2	1
49	An unusual Ni <sub>2</sub> Si <sub>2</sub> P <sub>8</sub> cluster formed by complexation and thermolysis. <i>Chemical Communications</i> , 2020, 56, 14071-14074.	4.1	3
50	Coordination Chemistry and Methylation of Mixed-Substituted Tetraphosphetanes (RP <sup>+</sup> P t Bu) <sub>2</sub> (R=Ph,) Tj ETQq0,0 0 rgBJ /Overlock	3.3	0
51	Measurement of neutron-proton capture in the SNO+ water phase. <i>Physical Review C</i> , 2020, 102, .	2.9	5
52	Coordination Chemistry and Methylation of Mixed-Substituted Tetraphosphetanes (RP <sup>+</sup> P t Bu) <sub>2</sub> (R=Ph, Py). <i>Chemistry - A European Journal</i> , 2020, 26, 11734-11741.	3.3	6
53	Separation and recovery of rare earths by in situ selective electrochemical oxidation and extraction from spent fluid catalytic cracking (FCC) catalysts. <i>Hydrometallurgy</i> , 2020, 194, 105300.	4.3	16
54	Iron- and Cobalt- Gallium Tetraphosphido Complexes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2020, 646, 552-557.	1.2	4

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55	Facile synthesis of tellurium nano- and microstructures by trace HCl in ionic liquids. Dalton Transactions, 2020, 49, 1891-1896.	3.3	9
56	Innentitelbild: PâˆP Condensation and PâˆN/PâˆP Bond Metathesis: Facile Synthesis of Cationic Triâ€and Tetraphosphanes (Angew. Chem. 9/2020). Angewandte Chemie, 2020, 132, 3366-3366.	2.0	0
57	Toward N,P-Doped Î€-Extended PAHs: A One-Pot Synthesis to Diannulated 1,4,2-Diazaphospholium Triflate Salts. Journal of Organic Chemistry, 2020, 85, 14420-14434.	3.2	3
58	Ammonium vanadate/ammonia precipitation for vanadium production from a high vanadate to sodium ratio solution obtained via membrane electrolysis method. Journal of Cleaner Production, 2020, 263, 121357.	9.3	17
59	Determination of metastable zone width, induction time and primary nucleation kinetics for cooling crystallization of sodium orthovanadate from NaOH solution. Journal of Crystal Growth, 2020, 545, 125721.	1.5	16
60	Mild hydrothermally treated brewer's spent grain for efficient removal of uranyl and rare earth metal ions. RSC Advances, 2020, 10, 45116-45129.	3.6	11
61	Functionalization of Pentaphosphorus Cations by Complexation. Angewandte Chemie - International Edition, 2019, 58, 18584-18590.	13.8	13
62	[3+2] Fragmentation of a Pentaphosphido Ligand by Cyanide. Angewandte Chemie - International Edition, 2019, 58, 18931-18936.	13.8	35
63	Amido Silicon Chalcogenide Compounds with Unprecedented Cluster Cores and Low Oxidation State Silicon Atoms. European Journal of Inorganic Chemistry, 2019, 2019, 4719-4726.	2.0	12
64	Construction of alkyl-substituted pentaphosphido ligands in the coordination sphere of cobalt. Chemical Science, 2019, 10, 1302-1308.	7.4	29
65	Formation of an imidazoliumyl-substituted [(L<sub>C</sub>)<sub>4</sub>P<sub>4</sub>] <sup>4+</sup> tetracation and transition metal mediated fragmentation and insertion reaction (L<sub>C</sub>= NHC). Chemical Science, 2019, 10, 6868-6875.	7.4	20
66	1,3â€Diphosphacyclobutene Cobalt Complexes. Chemistry - A European Journal, 2019, 25, 6180-6188.	3.3	7
67	Strong Uranium(VI) Binding onto Bovine Milk Proteins, Selected Protein Sequences, and Model Peptides. Inorganic Chemistry, 2019, 58, 4173-4189.	4.0	22
68	Polycyclic Aromatic Hydrocarbons Containing A Pyrrolopyridazine Core. ChemPlusChem, 2019, 84, 613-618.	2.8	7
69	Search for invisible modes of nucleon decay in water with the SNO+ detector. Physical Review D, 2019, 99, .	4.7	20
70	Coordination chemistry of f-block metal ions with ligands bearing bio-relevant functional groups. Coordination Chemistry Reviews, 2019, 386, 267-309.	18.8	36
71	Wave-shaped polycyclic hydrocarbons with controlled aromaticity. Chemical Science, 2019, 10, 4025-4031.	7.4	35
72	NBN-embedded Polycyclic Aromatic Hydrocarbons Containing Pentagonal and Heptagonal Rings. Organic Letters, 2019, 21, 1354-1358.	4.6	45

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73	Measurement of the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mrow} \langle \text{mml:mmultiscripts} \langle \text{mml:mrow} \langle \text{mml:mi mathvariant="normal"} \text{B} \langle \text{mml:mi} \langle \text{mml:mrow} \langle \text{mml:mprescripts} / \rangle \langle \text{mml:none} / \rangle \langle \text{mml:mrow} \langle \text{mml:mn} \text{8} \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle \text{ solar neutrino flux in} \langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mrow} \langle \text{mml:mi} \text{SNO} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \text{+} \langle \text{mml:mo} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle [3+2] \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \text{SNO} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \text{+} \langle \text{mml:mo} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$	4.7	23
74	Fragmentierung von Pentaphosphidoliganden durch Cyanid. <i>Angewandte Chemie</i> , 2019, 131, 19107-19112.	2.0	16
75	Functionalization of Pentaphosphorus Cations by Complexation. <i>Angewandte Chemie</i> , 2019, 131, 18757-18763.	2.0	3
76	Amido Silicon Chalcogenide Compounds with Unprecedented Cluster Cores and Low Oxidation State Silicon Atoms. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 4711-4711.	2.0	0
77	Controlled scrambling reactions to polyphosphanes <i>via</i> bond metathesis reactions. <i>Chemical Science</i> , 2019, 10, 11054-11063.	7.4	10
78	Amine-Borane Dehydrogenation and Transfer Hydrogenation Catalyzed by Diimine Cobaltates. <i>Chemistry - A European Journal</i> , 2019, 25, 238-245.	3.3	58
79	Recent Advances in Imidazolium-Substituted Phosphorus Compounds. <i>Chemistry - an Asian Journal</i> , 2018, 13, 1388-1405.	3.3	41
80	Production of high purity rare earth mixture from iron-rich spent fluid catalytic cracking (FCC) catalyst using acid leaching and two-step solvent extraction process. <i>Korean Journal of Chemical Engineering</i> , 2018, 35, 1195-1202.	2.7	23
81	Tripodal polyamines: Adjustable receptors for cation extraction. <i>Separation Science and Technology</i> , 2018, 53, 1273-1281.	2.5	1
82	Reductive Ring Opening of a Cyclo-Tri(phosphonio)methanide Dication to a Phosphanylcarbodiphosphorane: <i>In Situ</i> UV-Vis Spectroelectrochemistry and Gold Coordination. <i>Organometallics</i> , 2018, 37, 748-754.	2.3	15
83	Extractive Separation of Trivalent Rare Earth Metal Ions with Phenylphosphoric Acid Type of Trident Molecule for Rare Metal Recovery. <i>International Journal of the Society of Materials Engineering for Resources</i> , 2018, 23, 36-41.	0.1	3
84	Low-Temperature Tailoring of Copper-Deficient $\text{Cu}_3\text{P}$ Electric Properties, Phase Transitions, and Performance in Lithium-Ion Batteries. <i>Chemistry of Materials</i> , 2018, 30, 7111-7123.	6.7	30
85	Pyrene-Fused Indacene. <i>Journal of Organic Chemistry</i> , 2018, 83, 6633-6639.	3.2	17
86	Exploration of Thiazolo[5,4-d]thiazole Linkages in Conjugated Porous Organic Polymers for Chemoselective Molecular Sieving. <i>Chemistry - A European Journal</i> , 2018, 24, 10868-10875.	3.3	39
87	Understanding the Chemical Reactivity of Phosphonium-Based Ionic Liquids with Tellurium. <i>Chemistry - A European Journal</i> , 2018, 24, 9325-9332.	3.3	16
88	Towards efficient extraction of La(III) from spent FCC catalysts by alkaline pre-treatment. <i>Minerals Engineering</i> , 2018, 127, 1-5.	4.3	15
89	Synthesis of NIR-Emitting InAs-Based Core/Shell Quantum Dots with the Use of Tripyrazolylarsane as Arsenic Precursor. <i>Particle and Particle Systems Characterization</i> , 2018, 35, 1800175.	2.3	11
90	Toward Full Zigzag-Edged Nanographenes: <i>peri</i> -Tetracene and Its Corresponding Circumanthracene. <i>Journal of the American Chemical Society</i> , 2018, 140, 6240-6244.	13.7	98

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91	New Heterodinuclear Zn/Ln (Ln = Gd, Tb, Er, Yb) Complexes of Hexadentate N,N'-Bis(3-alkoxy-2-hydroxybenzyl)cyclohexane-1,2-diamines: Synthesis and Structure. Australian Journal of Chemistry, 2017, 70, 601.	0.9	3
92	Carbodiphosphorane mediated synthesis of a triflyloxyphosphonium dication and its reactivity towards nucleophiles. Chemical Communications, 2017, 53, 2954-2957.	4.1	17
93	σ-Extended and Curved Antiaromatic Polycyclic Hydrocarbons. Journal of the American Chemical Society, 2017, 139, 7513-7521.	13.7	55
94	Selective and Reversible Fluoride Complexation from Water by a Cyclic Tri(phosphonio)methanide Dication. Angewandte Chemie - International Edition, 2017, 56, 7907-7911.	13.8	12
95	Isolation of Azadiphosphiridines and Diphosphenimines by Cycloaddition of Azides and a Cationic Diphosphene. Angewandte Chemie - International Edition, 2017, 56, 6218-6222.	13.8	14
96	Selective and Reversible Fluoride Complexation from Water by a Cyclic Tri(phosphonio)methanide Dication. Angewandte Chemie, 2017, 129, 8015-8019.	2.0	2
97	A Tetracyclic Octaphosphane by Successive Addition, Inversion, and Condensation Reactions. Angewandte Chemie - International Edition, 2017, 56, 7858-7862.	13.8	14
98	A Tetracyclic Octaphosphane by Successive Addition, Inversion, and Condensation Reactions. Angewandte Chemie, 2017, 129, 7966-7970.	2.0	4
99	Dissolution behaviour and activation of selenium in phosphonium based ionic liquids. Chemical Communications, 2017, 53, 7588-7591.	4.1	20
100	Nitrogen-Phosphorus(III)-Chalcogen Macrocycles for the Synthesis of Polynuclear Silver(I) Sandwich Complexes. Inorganic Chemistry, 2017, 56, 8698-8704.	4.0	11
101	Facile synthesis of potassium tetrathiooxalate - The true monomer for the preparation of electron-conductive poly(nickel-ethylenetetrathiolate). Tetrahedron, 2017, 73, 2250-2254.	1.9	22
102	Exploring the Chemical Reaction Space at the Formation of Chalcogenidometalate Superspheres in Ionic Liquids. Chemistry - A European Journal, 2017, 23, 1999-2004.	3.3	30
103	Donor-acceptor interactions in tri(phosphonio)methanide dications [(Ph <sub>3</sub> P) <sub>2</sub> CP(X)Ph <sub>2</sub> ] <sub>2</sub> <sup>+</sup> (X = H, Me). Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2017, 89, 247-251.	3.3	8
104	Recent advances in anion recognition. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2017, 89, 247-251.	1.6	8
105	Mechanistic exploration of the copper phosphide synthesis in phosphonium-based and phosphorus-free ionic liquids. Dalton Transactions, 2017, 46, 15004-15011.	3.3	13
106	Tri(pyrazolyl)phosphane als Vorstufen für die Synthese von stark emittierenden InP/ZnS-Quantenpunkten. Angewandte Chemie, 2017, 129, 14932-14937.	2.0	2
107	Versatile Tri(pyrazolyl)phosphanes as Phosphorus Precursors for the Synthesis of Highly Emitting InP/ZnS Quantum Dots. Angewandte Chemie - International Edition, 2017, 56, 14737-14742.	13.8	24
108	Selective Derivatization of a Hexaphosphane from Functionalization of White Phosphorus. Journal of the American Chemical Society, 2017, 139, 14592-14604.	13.7	43

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109	Cationic Nitrogen-Doped Helical Nanographenes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 15876-15881.	13.8	77
110	Isolation of Azadiphosphiridines and Diphosphenimines by Cycloaddition of Azides and a Cationic Diphosphene. <i>Angewandte Chemie</i> , 2017, 129, 6314-6318.	2.0	2
111	Exploration of pyrazine-embedded antiaromatic polycyclic hydrocarbons generated by solution and on-surface azomethine ylide homocoupling. <i>Nature Communications</i> , 2017, 8, 1948.	12.8	88
112	New Trident Molecule with Phosphoric Acid Functionality for Trivalent Rare Earth Extraction. <i>Indonesian Journal of Chemistry</i> , 2017, 17, 491.	0.8	6
113	Extraction Studies of Heavy Metal Ions Employing Benzothiaoxacrown Compounds. <i>Solvent Extraction Research and Development</i> , 2016, 23, 31-41.	0.4	2
114	Spacer-Controlled Supramolecular Assemblies of Cu(II) with Bis(2-Hydroxyphenylimine) Ligands. from Monoligand Complexes to Double-Stranded Helicates and Metallomacrocycles. <i>Crystals</i> , 2016, 6, 120.	2.2	1
115	Unique Occurrence of Cationic and Anionic Bis-1,2-diaminocyclohexane Copper(II) Units in a Double Complex Salt. <i>Australian Journal of Chemistry</i> , 2016, 69, 533.	0.9	0
116	The Importance of Pore Size and Surface Polarity for Polysulfide Adsorption in Lithium Sulfur Batteries. <i>Advanced Materials Interfaces</i> , 2016, 3, 1600508.	3.7	76
117	Reaction of P <sub>4</sub> with in situ Formed <i>cyclo</i> -Triphosphatriazenium Cation [(DmpNP) <sub>3</sub> Cl <sub>2</sub> ] <sup>+</sup> (Dmp = 2,6-Dimethylphenyl). <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 667-677.	2.0	12
118	Cationic 5-phosphonio-substituted N-heterocyclic carbenes. <i>Dalton Transactions</i> , 2016, 45, 11384-11396.	3.3	45
119	Self-assembly of [2+2] Co(II) metallomacrocycles and Ni(II) metallogels with novel bis(pyridylimine) ligands. <i>Journal of Organometallic Chemistry</i> , 2016, 821, 182-191.	1.8	19
120	Uranyl(VI) binding by bis(2-hydroxyaryl)diimine and bis(2-hydroxyaryl)diamine ligand derivatives. Synthetic, X-ray, DFT and solvent extraction studies. <i>Polyhedron</i> , 2016, 103, 198-205.	2.2	8
121	Recent highlights in mixed-coordinate oligophosphorus chemistry. <i>Chemical Society Reviews</i> , 2016, 45, 1145-1172.	38.1	46
122	Condensation Reactions of Chlorophosphanes with Chalcogenides. <i>Inorganic Chemistry</i> , 2016, 55, 1854-1860.	4.0	12
123	Tetra-cationic imidazoliumyl-substituted phosphorus-sulfur heterocycles from a cationic organophosphorus sulfide. <i>Chemical Communications</i> , 2016, 52, 2023-2026.	4.1	18
124	[( <sup>+</sup> Cl) <sup>-</sup> Im( <sup>+</sup> Dipp) <sup>-</sup> ] <sub>2</sub> PiP(Dipp)[GaCl <sub>4</sub> ]: a polarized, cationic diphosphene. <i>Chemical Communications</i> , 2016, 52, 1409-1412.	4.1	23
125	Formation of the spirocyclic, Si-centered cage cations [ClP(NSiMe <sub>3</sub> ) <sub>2</sub> Si(NSiMe <sub>3</sub> ) <sub>2</sub> P <sub>5</sub> ] <sup>+</sup> and [P <sub>5</sub> (NSiMe <sub>3</sub> ) <sub>2</sub> Si(NSiMe <sub>3</sub> ) <sub>2</sub> P <sub>5</sub> ] <sub>2</sub> <sup>+</sup> . <i>Dalton Transactions</i> , 2016, 45, 1953-1961.	3.3	9
126	Self-assembly of Dinuclear Double-stranded Copper(II) Helicates with 3-Ethoxy-2-hydroxyphenyl Substituted Diimines. Synthesis, Molecular Structure, and Host-Guest Recognition of H <sub>2</sub> O. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015, 641, 2215-2221.	1.2	7



#	ARTICLE	IF	CITATIONS
127	Reductive Catenation of Phosphine Antimony Complexes. <i>Angewandte Chemie</i> , 2015, 127, 7939-7943.	2.0	12
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129	Reductive Catenation of Phosphine Antimony Complexes. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7828-7832.	13.8	23
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131	[P <sub>3</sub> Se <sub>4</sub> ] <sup>+</sup> : A Binary Phosphorus Sulfur Cation. <i>Chemistry - A European Journal</i> , 2015, 21, 9577-9577.	3.3	2
132	Synthesis and reactivity of cyclo-tetra(stibinophosphonium) tetracations: redox and coordination chemistry of phosphine-antimony complexes. <i>Chemical Science</i> , 2015, 6, 2559-2574.	7.4	39
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