

# Khalil A Abboud

## List of Publications by Year in descending order

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163  
papers

4,693  
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81900

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all docs

165  
docs citations

165  
times ranked

5579  
citing authors

#	ARTICLE	IF	CITATIONS
1	Boronic Acid-Based Hydrogels Undergo Self-Healing at Neutral and Acidic pH. ACS Macro Letters, 2015, 4, 220-224.	4.8	354
2	Poly(3,4-alkylenedioxyppyrrrole)s: A Highly Stable Electronically Conducting and Electrochromic Polymers. Macromolecules, 2000, 33, 7051-7061.	4.8	177
3	Cyclic polymers from alkynes. Nature Chemistry, 2016, 8, 791-796.	13.6	152
4	Ligand Exchange and Alkyl Abstraction Involving (Perfluoroaryl)boranes and -alanes with Aluminum and Gallium Alkyls. Organometallics, 2000, 19, 4684-4686.	2.3	143
5	Regiosymmetric Dibutyl-Substituted Poly(3,4-propylenedioxythiophene)s as Highly Electron-Rich Electroactive and Luminescent Polymers. Macromolecules, 2002, 35, 6517-6525.	4.8	140
6	Heteroatom-Substituted Constrained-Geometry Complexes. Dramatic Substituent Effect on Catalyst Efficiency and Polymer Molecular Weight. Organometallics, 2001, 20, 2663-2665.	2.3	99
7	Photophysics and Photochemistry of Stilbene-Containing Platinum Acetylides. Journal of Physical Chemistry B, 2004, 108, 4969-4978.	2.6	87
8	Evaluation of Asymmetric Hydrogenation Ligands in Asymmetric Hydroformylation Reactions. Highly Enantioselective Ligands Based on Bis-phosphacycles. Organometallics, 2006, 25, 5003-5009.	2.3	82
9	Highly Tactic Cyclic Polynorbornene: Stereoselective Ring Expansion Metathesis Polymerization of Norbornene Catalyzed by a New Tethered Tungsten-Alkylidene Catalyst. Journal of the American Chemical Society, 2016, 138, 4996-4999.	13.7	82
10	Rapid functionalization of multiple C-H bonds in unprotected alicyclic amines. Nature Chemistry, 2020, 12, 545-550.	13.6	67
11	Effect of the Dihedral Angle of Biaryl-Bridged Bisphosphite Ligands on Enantioselectivity and Regioselectivity of Asymmetric Hydroformylation. Organometallics, 2007, 26, 2986-2999.	2.3	65
12	Catalytic Enantioselective Synthesis of Amino Skipped Dienes. Journal of the American Chemical Society, 2016, 138, 2150-2153.	13.7	62
13	Control of the Speed of a Light-Induced Spin Transition through Mesoscale Core-Shell Architecture. Journal of the American Chemical Society, 2018, 140, 5814-5824.	13.7	59
14	Low-oxidation-potential conducting polymers derived from 3,4-ethylenedioxythiophene and dialkoxybenzenes. Journal of Polymer Science Part A, 2001, 39, 2164-2178.	2.3	57
15	Compelling mechanistic data and identification of the active species in tungsten-catalyzed alkyne polymerizations: conversion of a trianionic pincer into a new tetraanionic pincer-type ligand. Chemical Science, 2013, 4, 1145.	7.4	56
16	Ultraviolet-violet electroluminescence from highly fluorescent purines. Journal of Materials Chemistry C, 2013, 1, 2867.	5.5	56
17	Preparation and properties of new Fe <sub>6</sub> and Fe <sub>8</sub> clusters of iron(III) with tripodal ligands. Dalton Transactions, 2003, , 4552.	3.3	55
18	Bridging Group Effects in Chelating Bis(2,5-diphenylphospholane) Ligands for Rhodium-Catalyzed Asymmetric Hydroformylation. Organometallics, 2009, 28, 2993-2999.	2.3	55

#	ARTICLE	IF	CITATIONS
19	Incorporation of Axial Chirality into Phosphino-Imidazoline Ligands for Enantioselective Catalysis. ACS Catalysis, 2017, 7, 2133-2138.	11.2	55
20	Single-molecule magnets. A Mn <sub>12</sub> complex with mixed carboxylate-sulfonate ligation: [Mn <sub>12</sub> O <sub>12</sub> (O <sub>2</sub> CMe) <sub>8</sub> (O <sub>3</sub> SPh) <sub>8</sub> (H <sub>2</sub> O) <sub>4</sub> ]. Dalton Transactions, 2003, , 2243.	3.3	53
21	Synthesis, Characterization, and Reactivity of a d <sup>2</sup> , Mo(IV) Complex Supported by a New OCO <sup>3-</sup> Trianionic Pincer Ligand. Journal of the American Chemical Society, 2008, 130, 1116-1117.	13.7	53
22	Molecules at the Quantum-Classical Nanoparticle Interface: Giant Mn <sub>70</sub> Single-Molecule Magnets of $\approx 1/4$ nm Diameter. Inorganic Chemistry, 2016, 55, 3419-3430.	4.0	52
23	Synthesis of Imino-Enamido Hafnium and Zirconium Complexes: A New Family of Olefin Polymerization Catalysts with Ultrahigh-Molecular-Weight Capabilities. Organometallics, 2011, 30, 1695-1709.	2.3	51
24	Novel Use of Ring Strain to Control Regioselectivity: An Alkene-Directed, Palladium-Catalyzed Allylation. Journal of the American Chemical Society, 2001, 123, 9174-9175.	13.7	50
25	Covalently Linked Dimer of Mn <sub>3</sub> Single-Molecule Magnets and Retention of Its Structure and Quantum Properties in Solution. Journal of the American Chemical Society, 2015, 137, 7160-7168.	13.7	50
26	Metallacyclopentane Formation: A Deactivation Pathway for a Tungsten(VI) Alkylidene Complex in Olefin Metathesis Reactions. Organometallics, 1998, 17, 2628-2635.	2.3	49
27	Atomically-precise colloidal nanoparticles of cerium dioxide. Nature Communications, 2017, 8, 1445.	12.8	49
28	Magnetostructural Correlation for High-Nuclearity Iron(III)/Oxo Complexes and Application to Fe <sub>5</sub> , Fe <sub>6</sub> , and Fe <sub>8</sub> Clusters. Inorganic Chemistry, 2016, 55, 6597-6608.	4.0	47
29	Supramolecular aggregates of single-molecule magnets: exchange-biased quantum tunneling of magnetization in a rectangular [Mn <sub>3</sub> ] <sub>4</sub> tetramer. Chemical Science, 2016, 7, 1156-1173.	7.4	47
30	Bis(2-alkylpyrrolidin-1-yl)methylidenes as Chiral Acyclic Diaminocarbene Ligands. Organometallics, 2010, 29, 1729-1739.	2.3	46
31	Electrochromic conjugated N-salicylidene-aniline (anil) functionalized pyrrole and 2,5-dithienylpyrrole-based polymers. New Journal of Chemistry, 2005, 29, 1128.	2.8	45
32	Catalytic Aerobic Oxidation by a Trianionic Pincer CrIII/CrV Couple. Inorganic Chemistry, 2009, 48, 10901-10903.	4.0	45
33	Reactivity of Hydride Bridges in High-Spin [3M <sup>3+</sup> ( $\mu^3$ -H)] Clusters (M = FeII, CoII). Journal of the American Chemical Society, 2015, 137, 10610-10617.	13.7	45
34	A Selenourea-Thiourea Brønsted Acid Catalyst Facilitates Asymmetric Conjugate Additions of Amines to $\alpha,\beta$ -Unsaturated Esters. Journal of the American Chemical Society, 2020, 142, 5627-5635.	13.7	45
35	Exploring the Chemistry of Alkaloids from Malaysian <i>Mitragyna speciosa</i> (Kratom) and the Role of Oxindoles on Human Opioid Receptors. Journal of Natural Products, 2021, 84, 1034-1043.	3.0	45
36	Carbonylation of Amines with a Tungsten(IV) Carbonyl Complex. Organometallics, 1997, 16, 3863-3866.	2.3	43

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37	Imino-Amido Hf and Zr Complexes: Synthesis, Isomerization, and Olefin Polymerization. <i>Organometallics</i> , 2011, 30, 251-262.	2.3	42
38	Evidence for Interface-Induced Strain and Its Influence on Photomagnetism in Prussian Blue Analogue Core-Shell Heterostructures, $Rb_aCo_b[Fe(CN)_6]_c \cdot mH_2O @ K_j$ . <i>Journal of Physical Chemistry C</i> , 2016, 120, 5420-5429.	3.1	41
39	In Search of Deeper Blues: <i>Trans</i> -N-Heterocyclic Carbene Platinum Phenylacetylide as a Dopant for Phosphorescent OLEDs. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 41111-41114.	8.0	41
40	Bimetallic Pt/Ru Complexes as Catalysts for the Electrooxidation of Methanol. <i>Inorganic Chemistry</i> , 2000, 39, 3942-3944.	4.0	40
41	Synthesis and Characterization of Cyclohexadienyl-Based Constrained Geometry Complexes. <i>Organometallics</i> , 1999, 18, 1159-1167.	2.3	39
42	Unusual Weakly Coordinating Anion Reactivity in Metallocene Chemistry. Formation of Tantalocene Cation-Dinuclear Anion Pairs. <i>Organometallics</i> , 2000, 19, 5541-5543.	2.3	39
43	Unusual molybdenum mediated C-N bond activation. <i>Chemical Communications</i> , 2001, , 1224-1225.	4.1	38
44	Chelating Diamide Group IV Metal Olefin Polymerization Catalysts. <i>Organometallics</i> , 2001, 20, 3399-3405.	2.3	38
45	Synthesis of L-4,4-Difluoroglutamic Acid via Nucleophilic Addition to a Chiral Aldehyde. <i>Journal of Organic Chemistry</i> , 2001, 66, 6381-6388.	3.2	36
46	Trianionic $NCN^{3-}$ Pincer Complexes of Chromium in Four Oxidation States ( $Cr^{II}$ , $Cr^{III}$ , $Cr^{IV}$ , $Cr^{V}$ ): Determination of the Active Catalyst in Selective 1-Alkene to 2-Alkene Isomerization. <i>Organometallics</i> , 2011, 30, 4949-4957.	2.3	36
47	Homochiral [2.2]Paracyclophane Self-Assembly Promoted by Transannular Hydrogen Bonding. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 10726-10731.	13.8	36
48	Synthesis and Biological Evaluation of 17 $\beta$ -Alkoxyestra-1,3,5(10)-trienes as Potential Neuroprotectants Against Oxidative Stress. <i>Journal of Medicinal Chemistry</i> , 2001, 44, 110-114.	6.4	35
49	Highly Acidic Conjugate-Base-Stabilized Carboxylic Acids Catalyze Enantioselective oxo-Pictet-Spengler Reactions with Ketals. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 2028-2032.	13.8	34
50	Outer Sphere Metal-to-Ligand Charge Transfer in Organometallic Ion Pairs. <i>Inorganic Chemistry</i> , 1997, 36, 6224-6234.	4.0	33
51	Highly fluorescent donor-acceptor purines. <i>Journal of Materials Chemistry</i> , 2007, 17, 1863-1865.	6.7	33
52	Nitride-Bridged Triiron Complex and Its Relevance to Dinitrogen Activation. <i>Inorganic Chemistry</i> , 2015, 54, 9282-9289.	4.0	33
53	Tandem Gold-Catalyzed Dehydrative Cyclization/Diels-Alder Reactions: Facile Access to Indolocarbazole Alkaloids. <i>Organic Letters</i> , 2015, 17, 1754-1757.	4.6	31
54	A $[3Fe^{II}S]_3^+$ cluster with exclusively $\frac{1}{4}$ -sulfide donors. <i>Chemical Communications</i> , 2016, 52, 1174-1177.	4.1	30

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55	Preventing Morphine-Seeking Behavior through the Re-Engineering of Vincamine's Biological Activity. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 5119-5138.	6.4	30
56	Fast Wittig-Like Reactions As a Consequence of the Inorganic Enamine Effect. <i>Journal of the American Chemical Society</i> , 2015, 137, 4840-4845.	13.7	28
57	Molecular analogue of the perovskite repeating unit and evidence for direct MnIII-CeIV-MnIII exchange coupling pathway. <i>Nature Communications</i> , 2017, 8, 500.	12.8	28
58	Benzotrifuranone: Synthesis, Structure, and Access to Polycyclic Heteroaromatics. <i>Organic Letters</i> , 2009, 11, 4314-4317.	4.6	27
59	Tethered Tungsten-Alkylidenes for the Synthesis of Cyclic Polynorbornene via Ring Expansion Metathesis: Unprecedented Stereoselectivity and Trapping of Key Catalytic Intermediates. <i>Journal of the American Chemical Society</i> , 2021, 143, 1235-1246.	13.7	27
60	Expansion of the Family of Molecular Nanoparticles of Cerium Dioxide and Their Catalytic Scavenging of Hydroxyl Radicals. <i>Inorganic Chemistry</i> , 2021, 60, 1641-1653.	4.0	27
61	1,2,4-Triazine-picolinamide functionalized, nonadentate chelates for the segregation of lanthanides(III) and actinides(III) in biphasic systems. <i>New Journal of Chemistry</i> , 2013, 37, 119-131.	2.8	26
62	Excited-State Turn-On of Auophilicity and Tunability of Relativistic Effects in a Series of Digold Triazolates Synthesized via iClick. <i>Journal of the American Chemical Society</i> , 2020, 142, 8331-8341.	13.7	26
63	Chemoenzymatic Synthesis of Unnatural Amino Acids via Modified Claisen Rearrangement of Glycine Enolates. Approach to Morphine Synthesis. <i>Journal of Organic Chemistry</i> , 1997, 62, 1194-1195.	3.2	25
64	Dioxatetra[40]decaphyrin(1.0.1.0.0.1.0.1.0.0): An analogue of turcasarin with a figure-eight structure. <i>Journal of Heterocyclic Chemistry</i> , 2001, 38, 1419-1424.	2.6	25
65	Modular Design of Chiral Conjugate-Base-Stabilized Carboxylic Acids: Catalytic Enantioselective [4 + 2] Cycloadditions of Acetals. <i>Journal of the American Chemical Society</i> , 2020, 142, 15252-15258.	13.7	25
66	Ethylene Oxide Polymerization Catalyzed by Aluminum Complexes of Sulfur-Bridged Polyphenols. <i>Macromolecules</i> , 2005, 38, 322-333.	4.8	24
67	Electrochemical Oxidation of Methanol with Ru/Pd, Ru/Pt, and Ru/Au Heterobimetallic Complexes. <i>Organometallics</i> , 2002, 21, 711-716.	2.3	23
68	Preparation, Structure, and Properties of an Anionic Tetrameric Copper Complex Containing a Planar, Eight-Membered Ring Core. <i>Inorganic Chemistry</i> , 1996, 35, 793-796.	4.0	22
69	Indium-Bridged Chelating Diamide Group IV Metal Olefin Polymerization Catalysts. <i>Organometallics</i> , 2002, 21, 2145-2148.	2.3	22
70	Heterobimetallic complexes with dppe-bridged Ru/Pd, Ru/Pt, Ru/Au and Ru/Cu centers. <i>Dalton Transactions</i> , 2003, , 4288.	3.3	22
71	Synthesis of WN(NMe <sub>2</sub> ) <sub>3</sub> as a Precursor for the Deposition of WN Nanospheres. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 4579-4584.	2.0	22
72	Synthesis and Characterization of Tungsten Alkylidene and Alkylidyne Complexes Supported by a New Pyrrolide-Centered Trianionic ONO <sup>3-</sup> Pincer-Type Ligand. <i>Organometallics</i> , 2014, 33, 836-839.	2.3	22

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73	Sustainable polyacetals from erythritol and bioaromatics. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	2.6	22
74	A novel two-fold interpenetrating 3D 42.84 network self-assembled from a new 1D coordination polymer. <i>New Journal of Chemistry</i> , 2005, 29, 434.	2.8	20
75	Structural and Spectroscopic Evidence of Strong Electronic Delocalization through a Cyanido Bridge in a Mixed-Valence Os-Ru Complex. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 5613-5616.	2.0	18
76	Reactivity of hydride bridges in a high-spin [Fe <sub>3</sub> (μ <sub>4</sub> -H) <sub>3</sub> ] <sup>3+</sup> cluster: reversible H <sub>2</sub> /CO exchange and Fe-H-B-F bond metathesis. <i>Chemical Science</i> , 2017, 8, 4123-4129.	7.4	18
77	Blue Phosphorescent <i>trans</i> -N-Heterocyclic Carbene Platinum Acetylides: Dependence on Energy Gap and Conformation. <i>Journal of Physical Chemistry A</i> , 2019, 123, 9069-9078.	2.5	18
78	The synthesis of Mo(IV) arene complexes by the hydrogenation of Mo(IV) olefin complexes. <i>Chemical Communications</i> , 2001, , 247-248.	4.1	17
79	Unusual Mn <sup>III/IV</sup> <sub>4</sub> Cubane and Mn <sup>III</sup> <sub>16</sub> M <sub>4</sub> (M = Ca, Sr) Looplike Clusters from the Use of Dimethylarsinic Acid. <i>Inorganic Chemistry</i> , 2016, 55, 8468-8477.	4.0	17
80	Halide Effects on the Sublimation Temperature of Au-L Complexes: Implications for Their Use as Precursors in Vapor Phase Deposition Methods. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 40998-41005.	8.0	17
81	Tuning the structural and spectroscopic properties of donor-acceptor donor oligomers via mutual X-bonding, H-bonding, and π-π interactions. <i>Journal of Materials Chemistry C</i> , 2018, 6, 11992-12000.	5.5	17
82	Molecular nanoparticles of cerium dioxide: structure-directing effect of halide ions. <i>Chemical Communications</i> , 2020, 56, 5382-5385.	4.1	17
83	±-C-H Bond Difunctionalization of Unprotected Alicyclic Amines. <i>Organic Letters</i> , 2021, 23, 6367-6371.	4.6	17
84	Molybdenum 2-imine complex formation and the reductive coupling of imines. <i>Chemical Communications</i> , 2000, , 573-574.	4.1	16
85	Truly Monodisperse Molecular Nanoparticles of Cerium Dioxide of 2.4...nm dimensions: A {Ce <sub>100</sub> O <sub>167</sub> } Cluster. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 12591-12596.	13.8	16
86	Platinum-Molybdenum Complexes of Cyclic Tropynes, Cumulenes, and Alkynes. <i>Organometallics</i> , 1996, 15, 596-603.	2.3	15
87	New Mixed-Valence Mn <sup>II/III</sup> <sub>6</sub> Complexes Bearing Oximate and Azido Ligands: Synthesis, and Structural and Magnetic Characterization. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 2244-2253.	2.0	15
88	Aminotroponiminato Hafnium and Zirconium Complexes: Synthesis and Ethylene/1-Octene Copolymerization Study. <i>Organometallics</i> , 2011, 30, 4589-4597.	2.3	15
89	Mn <sub>3</sub> Single-Molecule Magnets and Mn <sub>6</sub> /Mn <sub>9</sub> Clusters from the Use of Methyl 2-Pyridyl Ketone Oxime in Manganese Phosphinate and Phosphonate Chemistry. <i>Inorganic Chemistry</i> , 2017, 56, 11352-11364.	4.0	15
90	Carbon dioxide cleavage across a tungsten-alkylidyne bearing a trianionic pincer-type ligand. <i>Dalton Transactions</i> , 2016, 45, 15783-15785.	3.3	14

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91	Synthesis and evaluation of $\text{W}^{2+}$ -diketonate and $\text{W}^{2+}$ -ketoesterate tungsten( $\text{VO}_x$ ) oxo-alkoxide complexes as precursors for chemical vapor deposition of $\text{WO}_x$ thin films. Dalton Transactions, 2016, 45, 10897-10908.	3.3	13
92	Tuning Supramolecular Polymer Assembly through Stereoelectronic Interactions. Journal of the American Chemical Society, 2021, 143, 12688-12698.	13.7	13
93	Bis(triphenylphosphine)palladium Cycloheptadienylium Tetrafluoroborate: A Palladium Complex of Tropyne. Organometallics, 1996, 15, 2465-2468.	2.3	12
94	New BEDT-TTF Salts Incorporating the Hydrogen Dichloride ( $\text{HCl}_2^-$ ) Anion. Chemistry of Materials, 1998, 10, 1102-1108.	6.7	12
95	Synthesis of Molybdenum Dicarbonyl Complexes Bearing Tethered Homoallylic Amines and Sulfides. Organometallics, 1999, 18, 1122-1124.	2.3	12
96	Alkylaluminum-Induced Diamide Transfer from Group 6 Imido Diamido Complexes. Organometallics, 2004, 23, 929-931.	2.3	12
97	Solid State Collapse of a High-Spin Square-Planar Fe(II) Complex, Solution Phase Dynamics, and Electronic Structure Characterization of an Fe(II) $_2$ Dimer. Inorganic Chemistry, 2016, 55, 5191-5200.	4.0	12
98	Selective and Sequential Aminolysis of Benzotrifuranone: Synergism of Electronic Effects and Ring Strain Gradient. Journal of Organic Chemistry, 2016, 81, 9279-9288.	3.2	12
99	Structural and Magnetic Variations in a Family of Isoskeletal, Oximate-Bridged {Mn IV 2 M III } Complexes (M III =Mn, Gd, Dy). Chemistry - A European Journal, 2018, 24, 2588-2592.	3.3	12
100	Chemical and Metagenomic Studies of the Lethal Black Band Disease of Corals Reveal Two Broadly Distributed, Redox-Sensitive Mixed Polyketide/Peptide Macrocycles. Journal of Natural Products, 2019, 82, 111-121.	3.0	12
101	Differing Activity Profiles of the Stereoisomers of 2,3,5,6-TMP-TQS, a Putative Silent Allosteric Modulator of $\alpha_7$ nAChR. Molecular Pharmacology, 2020, 98, 292-302.	2.3	12
102	Long-Range Ferromagnetic Exchange Interactions Mediated by Mn $\leftrightarrow$ Ce <sup>IV</sup> $\leftrightarrow$ Mn Superexchange Involving Empty 4f Orbitals. Inorganic Chemistry, 2020, 59, 8716-8726.	4.0	12
103	New Structural Types of Mn <sub>16</sub> Single-Molecule Magnets: W-Shaped Topology from Reductive Aggregation. Inorganic Chemistry, 2015, 54, 9127-9137.	4.0	11
104	Reversible Medium-Dependent Solid $\leftrightarrow$ Solid Phase Transformations in Two-Dimensional Hybrid Perovskites. Chemistry of Materials, 2016, 28, 5522-5529.	6.7	11
105	Pyridine-terminated low gap $\pi$ -conjugated oligomers: design, synthesis, and photophysical response to protonation and metalation. Organic Chemistry Frontiers, 2018, 5, 3170-3177.	4.5	11
106	Photoisomerization of dicyanorhodanine-functionalized thiophenes. Chemical Science, 2020, 11, 10190-10197.	7.4	11
107	Fungal Epithiodiketopiperazines Carrying $\text{S}_2$ -Polysulfide Bridges from <i>Penicillium steckii</i> YE, and Their Chemical Interconversion. ChemBioChem, 2021, 22, 416-422.	2.6	11
108	SPAAC iClick: progress towards a bioorthogonal reaction incorporating metal ions. Dalton Transactions, 2021, 50, 12681-12691.	3.3	11



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109	Links between through-bond interactions and assembly structure in simple piperidones. <i>New Journal of Chemistry</i> , 2008, 32, 1924.	2.8	10
110	Dioxo-Fluoroalkoxide Tungsten(VI) Complexes for Growth of WO <sub>3</sub> Thin Films by Aerosol-Assisted Chemical Vapor Deposition. <i>Inorganic Chemistry</i> , 2015, 54, 7536-7547.	4.0	10
111	Sulfonium as a Surrogate for Ammonium: A New $\pm$ 7 Nicotinic Acetylcholine Receptor Partial Agonist with Desensitizing Activity. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 7928-7934.	6.4	10
112	Heteromeric Neuronal Nicotinic Acetylcholine Receptors with Mutant $\alpha$ 7 Subunits Acquire Sensitivity to $\alpha$ 7-Selective Positive Allosteric Modulators. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019, 370, 252-268.	2.5	10
113	Iron(III)-Oxo Cluster Chemistry with Dimethylarsinate Ligands: Structures, Magnetic Properties, and Computational Studies. <i>Inorganic Chemistry</i> , 2020, 59, 18090-18101.	4.0	10
114	Double Tethered Metallacyclobutane Catalyst for Cyclic Polymer Synthesis. <i>Journal of the American Chemical Society</i> , 2021, 143, 17276-17283.	13.7	10
115	Oxidation of the Zwitterion (CO) <sub>5</sub> WNPPhC(OMe)Ph with I <sub>2</sub> . Formation of Tungsten(IV) Imido Complexes and a Tungsten(VI) Metallacycle. <i>Organometallics</i> , 1996, 15, 424-428.	2.3	9
116	Stereochemical Effects on Platinum Acetylide Two-Photon Chromophores. <i>Journal of Physical Chemistry A</i> , 2019, 123, 9382-9393.	2.5	9
117	Design, Synthesis, and Evaluation of CF <sub>3</sub> AuCNR Precursors for Focused Electron Beam-Induced Deposition of Gold. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 11976-11987.	8.0	9
118	Crystal Structure, Reactivity, and Photochemical Properties of the Tungsten(0) Zwitterionic Amido Complex (CO) <sub>5</sub> WNPPhC(OMe)Ph. <i>Organometallics</i> , 1996, 15, 4625-4631.	2.3	8
119	A Family of 3-D Coordination Polymers Composed of Mixed-Valence Mn <sub>6</sub> Octahedra within Na <sub>4</sub> Tetrahedra. <i>Journal of Cluster Science</i> , 2010, 21, 485-501.	3.3	8
120	Seven-Membered Intramolecular Hydrogen Bonding of Phenols: Database Analysis and Phloroglucinol Model Compounds. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 4483-4492.	2.4	8
121	Correlating Bridging Ligand with Properties of Ligand-Templated [MnII <sub>3</sub> X <sub>3</sub> ] <sup>3+</sup> Clusters (X = Br <sup>-</sup> , Cl <sup>-</sup> ). <i>Inorganic Chemistry</i> , 2011, 50, 7843-7851.	4.0	8
122	Highly Acidic Conjugate-Base-Stabilized Carboxylic Acids Catalyze Enantioselective oxo-Pictet-Spengler Reactions with Ketals. <i>Angewandte Chemie</i> , 2020, 132, 2044-2048.	2.0	8
123	Synthesis of functional 1,2-dithiolanes from 1,3-bis-tert-butyl thioethers. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 6509-6513.	2.8	8
124	Oxidation of Metal Carbynes in the Presence of Alkynes. Alkyne Addition vs H-Shift in the Carbene Intermediate. <i>Organometallics</i> , 1998, 17, 4413-4416.	2.3	7
125	Homochiral [2.2]Paracyclophane Self-Assembly Promoted by Transannular Hydrogen Bonding. <i>Angewandte Chemie</i> , 2016, 128, 10884-10889.	2.0	7
126	Traceless Redox-Annulations of Alicyclic Amines. <i>SynOpen</i> , 2020, 04, 123-131.	1.7	7



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127	Novel Bis-arylPheDOT Synthons for Electrochromic Polymers. Journal of Macromolecular Science - Pure and Applied Chemistry, 2009, 47, 6-11.	2.2	6
128	Three-Dimensional (3-D) Ferromagnetic Network of Mn <sub>12</sub> Single-Molecule Magnets: Subtle Environmental Effects and Switching to Antiferromagnetic. Inorganic Chemistry, 2017, 56, 10706-10716.	4.0	6
129	Benzotrifuran (BTfuran): a building block for $\pi$ -conjugated systems. Chemical Communications, 2017, 53, 9590-9593.	4.1	6
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162	Crystal structure of catena-poly[bis(tetraethylammonium) [tetraaquatris( $\hat{1}/4$ -dicyanamido- $\hat{p}$ 2N1:N5)bis(dicyanamido- $\hat{p}$ N1)dicobaltate(II)] dicyanamide]. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2016, 72, 1603-1606.	0.5	0

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163	Crystal structure of aqua- <i>trans</i> -bis(dimethyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 752 Td (sulfoxide- $\hat{1}^{\circ}$ O)(pyridine) 777-779.	0.5	0