

Rakesh Ganguly

List of Publications by Year in descending order

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253
papers

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57719

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#	ARTICLE	IF	CITATIONS
1	Morphology-Independent Stable White-Light Emission from Self-Assembled Two-Dimensional Perovskites Driven by Strong Exciton-Phonon Coupling to the Organic Framework. <i>Chemistry of Materials</i> , 2017, 29, 3947-3953.	3.2	200
2	Amino acid-containing reduced Schiff bases as the building blocks for metallasupramolecular structures. <i>Coordination Chemistry Reviews</i> , 2008, 252, 1027-1050.	9.5	165
3	Controlling Supramolecular Chirality of Two-Component Hydrogels by <i>J</i> - and <i>H</i> -Aggregation of Building Blocks. <i>Journal of the American Chemical Society</i> , 2018, 140, 6467-6473.	6.6	165
4	Versatile bimetallic lanthanide metal-organic frameworks for tunable emission and efficient fluorescence sensing. <i>Communications Chemistry</i> , 2018, 1, .	2.0	156
5	Selective photocatalytic C-C bond cleavage under ambient conditions with earth abundant vanadium complexes. <i>Chemical Science</i> , 2015, 6, 7130-7142.	3.7	142
6	Halogen-Assisted Piezochromic Supramolecular Assemblies for Versatile Haptic Memory. <i>Journal of the American Chemical Society</i> , 2017, 139, 436-441.	6.6	142
7	Isolation of a Bis(oxazolone)ylidene-Phenylborylene Adduct and its Reactivity as a Boron-Centered Nucleophile. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 9280-9283.	7.2	129
8	A Rationally Designed Nitrogen-Rich Metal-Organic Framework and Its Exceptionally High CO ₂ and H ₂ Uptake Capability. <i>Scientific Reports</i> , 2013, 3, 1149.	1.6	122
9	A surfactant-thermal method to prepare four new three-dimensional heterometal-organic frameworks. <i>Dalton Transactions</i> , 2013, 42, 11367.	1.6	119
10	Isolation of 1,2,4,3-Triazaborol-3-yl-metal (Li, Mg, Al, Au, Zn, Sb, Bi) Derivatives and Reactivity toward CO and Isonitriles. <i>Journal of the American Chemical Society</i> , 2016, 138, 6650-6661.	6.6	114
11	A large pyrene-fused N-heteroacene: fifteen aromatic six-membered rings annulated in one row. <i>Chemical Communications</i> , 2017, 53, 7772-7775.	2.2	114
12	Significant gas uptake enhancement by post-exchange of zinc(ii) with copper(ii) within a metal-organic framework. <i>Chemical Communications</i> , 2012, 48, 10286.	2.2	107
13	Carbon-carbon bond activation of cyclobutenones enabled by the addition of chiral organocatalyst to ketone. <i>Nature Communications</i> , 2015, 6, 6207.	5.8	103
14	The First Synthesis of the Sterically Encumbered Adamantoid Phosphazane P ₄ (N ^t Bu) ₆ : Enabled by Mechanochemistry. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12736-12740.	7.2	98
15	4-Diphenylamino-phenyl substituted pyrazine: nonlinear optical switching by protonation. <i>Journal of Materials Chemistry C</i> , 2015, 3, 9191-9196.	2.7	93
16	Hydrophobic Metal Halide Perovskites for Visible-Light Photoredox C-C Bond Cleavage and Dehydrogenation Catalysis. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 3456-3460.	7.2	93
17	Switching charge-transfer characteristics from p-type to n-type through molecular co-doping (co-crystallization). <i>Chemical Science</i> , 2016, 7, 3851-3856.	3.7	89
18	1,3,2,5-Diazadiborinine featuring nucleophilic and electrophilic boron centres. <i>Nature Communications</i> , 2015, 6, 7340.	5.8	87

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19	Ambiphilic boron in 1,4,2,5-diazadiborinine. <i>Nature Communications</i> , 2016, 7, 11871.	5.8	84
20	Substituent dependent sensing behavior of Schiff base chemosensors in detecting Zn ²⁺ and Al ³⁺ ions: Drug sample analysis and living cell imaging. <i>Sensors and Actuators B: Chemical</i> , 2019, 282, 347-358.	4.0	84
21	Diverse reactivity of a tricoordinate organoboron L ₂ PhB: (L = oxazol-2-ylidene) towards alkali metal, group 9 metal, and coinage metal precursors. <i>Chemical Science</i> , 2015, 6, 2893-2902.	3.7	83
22	Enantioselective Intramolecular Formal [2 + 4] Annulation of Acrylates and \hat{I}^{\pm}, \hat{I}^2 -Unsaturated Imines Catalyzed by Amino Acid Derived Phosphines. <i>Organic Letters</i> , 2012, 14, 3226-3229.	2.4	82
23	Alkene \rightarrow Carbene Isomerization induced by Borane: Access to an Asymmetrical Diborene. <i>Journal of the American Chemical Society</i> , 2017, 139, 5047-5050.	6.6	78
24	1,5,9-Triaza-2,6,10-triphenylboracoronene: BN-Embedded Analogue of Coronene. <i>Organic Letters</i> , 2015, 17, 560-563.	2.4	76
25	Pyrene \rightarrow Containing Twistarene: Twelve Benzene Rings Fused in a Row. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 13555-13559.	7.2	76
26	Metal-Free \hat{I}^f -Bond Metathesis in Ammonia Activation by a Diazadiphosphapentalene. <i>Journal of the American Chemical Society</i> , 2014, 136, 16764-16767.	6.6	75
27	Carbon and sulfur budget of the silicate Earth explained by accretion of differentiated planetary embryos. <i>Nature Geoscience</i> , 2016, 9, 781-785.	5.4	75
28	Kinetics and DFT Studies of Photoredox Carbon \rightarrow Carbon Bond Cleavage Reactions by Molecular Vanadium Catalysts under Ambient Conditions. <i>ACS Catalysis</i> , 2017, 7, 4682-4691.	5.5	74
29	Broadband \rightarrow Emitting 2 \times 10 ²⁰ Hybrid Organic \rightarrow Inorganic Perovskite Based on Cyclohexane \rightarrow bis(methylammonium) Cation. <i>ChemSusChem</i> , 2017, 10, 3765-3772.	3.6	72
30	Molecule-Based Water-Oxidation Catalysts (WOCs): Cluster-Size-Dependent Dye-Sensitized Polyoxometalates for Visible-Light-Driven O ₂ Evolution. <i>Scientific Reports</i> , 2013, 3, 1853.	1.6	69
31	N \rightarrow Heterocyclic Carbene Catalyzed Homoenoate \rightarrow Addition Reaction of Enals and Nitroalkenes: Asymmetric Synthesis of 5 \rightarrow Carbon \rightarrow Synthons \hat{I}^{\pm} \rightarrow Nitroesters. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 8276-8280.	7.2	65
32	Lewis Acid-Catalyzed Selective [2 + 2]-Cycloaddition and Dearomatizing Cascade Reaction of Aryl Alkynes with Acrylates. <i>Journal of the American Chemical Society</i> , 2017, 139, 13570-13578.	6.6	65
33	Isolation of an Imino \rightarrow N \rightarrow Heterocyclic Carbene/Germanium(0) Adduct: A Mesoionic Germylene Equivalent. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13106-13109.	7.2	63
34	Isolation of a Diborane(6) Dication: Formation and Cleavage of an Electron-Precise B(sp ³) \rightarrow B(sp ³) Bond. <i>Journal of the American Chemical Society</i> , 2016, 138, 8623-8629.	6.6	63
35	A crystalline Cu \rightarrow Sn \rightarrow S framework for high-performance lithium storage. <i>Journal of Materials Chemistry A</i> , 2015, 3, 19410-19416.	5.2	60
36	Crystalline Neutral Allenic Diborene. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9829-9832.	7.2	58

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37	Improved Photovoltaic Efficiency and Amplified Photocurrent Generation in Mesoporous $n = 1$ Two-Dimensional Lead-Iodide Perovskite Solar Cells. <i>Chemistry of Materials</i> , 2019, 31, 890-898.	3.2	57
38	Hole Mobility Modulation in Single-Crystal Metal Phthalocyanines by Changing the Metal- π/σ Interactions. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 10112-10117.	7.2	54
39	$\text{Co}^{VI}(\frac{1}{4}\text{-OH})_6$ cluster based coordination polymer as an effective heterogeneous catalyst for aerobic epoxidation of alkenes. <i>Dalton Transactions</i> , 2014, 43, 2559-2565.	1.6	53
40	Reversible [4 + 2] cycloaddition reaction of 1,3,2,5-diazadiborinine with ethylene. <i>Chemical Science</i> , 2015, 6, 7150-7155.	3.7	52
41	A Carbene-Stabilized Two-Coordinate Phosphorus(III)-Centered Dication. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 3132-3135.	7.2	51
42	Bisguanidinium dinuclear oxodiperoxomolybdenosulfate ion pair-catalyzed enantioselective sulfoxidation. <i>Nature Communications</i> , 2016, 7, 13455.	5.8	48
43	Synthesis, crystal structures, and application of two new pincer type palladium(II)-Schiff base complexes in C-C cross-coupling reactions. <i>Inorganica Chimica Acta</i> , 2018, 471, 345-354.	1.2	47
44	A multi-step solvent-free mechanochemical route to indium(III) complexes. <i>Dalton Transactions</i> , 2016, 45, 7941-7946.	1.6	46
45	Unique Triphenylphosphonium Derivatives for Enhanced Mitochondrial Uptake and Photodynamic Therapy. <i>Bioconjugate Chemistry</i> , 2017, 28, 590-599.	1.8	46
46	Dye-sensitized polyoxometalate for visible-light-driven photoelectrochemical cells. <i>Dalton Transactions</i> , 2015, 44, 14354-14358.	1.6	43
47	1,2,4,3-Triazaborole-based neutral oxoborane stabilized by a Lewis acid. <i>Chemical Communications</i> , 2014, 50, 8561.	2.2	42
48	Spectroscopic Characterization and Mechanistic Studies on Visible Light Photoredox Carbon-Carbon Bond Formation by Bis(arylimino)acenaphthene Copper Photosensitizers. <i>ACS Catalysis</i> , 2018, 8, 11277-11286.	5.5	42
49	Synthesis and crystal structures of salen-type Cu(II) and Ni(II) Schiff base complexes: application in [3+2]-cycloaddition and A^{3+} -coupling reactions. <i>New Journal of Chemistry</i> , 2018, 42, 13754-13762.	1.4	42
50	Development of bis(arylimino)acenaphthene (BIAN) copper complexes as visible light harvesters for potential photovoltaic applications. <i>Inorganic Chemistry Frontiers</i> , 2016, 3, 651-662.	3.0	41
51	Cobalt Metallogel Interface for Selectively Sensing L-Trp among Essential Amino Acids. <i>Inorganic Chemistry</i> , 2019, 58, 7324-7334.	1.9	41
52	Reactivity of a Distannylene toward Potassium Graphite: Synthesis of a Stannylidenide Anion. <i>Organometallics</i> , 2012, 31, 6415-6419.	1.1	40
53	Azaborabutadienes: Synthesis by Metal-Free Carboboration of Nitriles and Utility as Building Blocks for B,N-Heterocycles. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14718-14722.	7.2	40
54	Stibine-protected Au_{13} nanoclusters: syntheses, properties and facile conversion to GSH-protected Au_{25} nanocluster. <i>Chemical Science</i> , 2018, 9, 8723-8730.	3.7	38

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55	Synthesis, characterization and crystal structure of a diketone based Cu(II) complex and its catalytic activity for the synthesis of 1,2,3-triazoles. <i>Inorganica Chimica Acta</i> , 2016, 453, 735-741.	1.2	37
56	Zeolite encapsulated host-guest Cu(II) Schiff base complexes: Superior activity towards oxidation reactions over homogenous catalytic systems. <i>Microporous and Mesoporous Materials</i> , 2018, 271, 100-117.	2.2	37
57	Synthesis, characterization, and electronic structures of a methyl germyliumylidene ion and germylone-group VI metal complexes. <i>Chemical Communications</i> , 2016, 52, 613-616.	2.2	36
58	The Original Coordination Chemistry of 2-Phosphaphenol with Copper(I) and Gold(I) Halides. <i>Organometallics</i> , 2013, 32, 3562-3565.	1.1	35
59	Co(II)-tricarboxylate metal-organic frameworks constructed from solvent-directed assembly for CO ₂ adsorption. <i>Microporous and Mesoporous Materials</i> , 2013, 176, 194-198.	2.2	34
60	Electrostatic Catalyst Generated from Diazadiborinine for Carbonyl Reduction. <i>CheM</i> , 2017, 3, 134-151.	5.8	34
61	A Crystalline Diazadiborinine Radical Cation and Its Boron-Centered Radical Reactivity. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7826-7829.	7.2	34
62	Synthesis, structure, physical properties and OLED application of pyrazine-triphenylamine fused conjugated compounds. <i>RSC Advances</i> , 2015, 5, 63080-63086.	1.7	33
63	Hemilabile silver(I) complexes containing pyridyl chalcogenolate (S, Se) ligands and their utility as molecular precursors for silver chalcogenides. <i>CrystEngComm</i> , 2015, 17, 4367-4376.	1.3	33
64	Inducing Panchromatic Absorption and Photoconductivity in Polycrystalline Molecular 1D Lead-Iodide Perovskites through π -Stacked Viologens. <i>Chemistry of Materials</i> , 2018, 30, 5827-5830.	3.2	33
65	Experimental and theoretical studies on pyrene-grafted polyoxometalate hybrid. <i>Dalton Transactions</i> , 2012, 41, 12185.	1.6	32
66	Synthesis, Characterization, and Biological Properties of Osmium-Based Tamoxifen Derivatives – Comparison with Their Homologues in the Iron and Ruthenium Series. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 4217-4226.	1.0	32
67	Engineering the Frontier Orbitals of a Diazadiborinine for Facile Activation of H ₂ , NH ₃ , and an Isonitrile. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7846-7849.	7.2	32
68	Boron Analogue of Vinylidene Dication Supported by Phosphines. <i>Journal of the American Chemical Society</i> , 2018, 140, 1255-1258.	6.6	31
69	NHC-Catalyzed Ester Activation: Access to Sterically Congested Spirocyclic Oxindoles via Reaction of β -Aryl Esters and Unsaturated Imines. <i>Synlett</i> , 2013, 24, 1197-1200.	1.0	30
70	Isolation of a Cyclic (Alkyl)(amino)germylene. <i>Molecules</i> , 2016, 21, 990.	1.7	30
71	The First Synthesis of the Sterically Encumbered Adamantoid Phosphazane P ₄ (N ₆) ₆ : Enabled by Mechanochemistry. <i>Angewandte Chemie</i> , 2016, 128, 12928-12932.	1.6	30
72	Investigation on chemical protease, nuclease and catecholase activity of two copper complexes with flexidentate Schiff base ligands. <i>Inorganica Chimica Acta</i> , 2018, 469, 111-122.	1.2	30

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73	Counterion Dependence on the Synthetic Viability of NHC-stabilized Dichloroborenum Cations. <i>Organometallics</i> , 2013, 32, 6718-6724.	1.1	29
74	Amidinate-Stabilized Group 9 Metal- σ -Silicon(I) Dimer and σ -Silylene Complexes. <i>Inorganic Chemistry</i> , 2015, 54, 9968-9975.	1.9	29
75	E σ -H (E = B, Si, C) Bond Activation by Tuning Structural and Electronic Properties of Phosphenium Cations. <i>Inorganic Chemistry</i> , 2017, 56, 14671-14681.	1.9	29
76	Synthesis and the Optical and Electrochemical Properties of Indium(III) Bis(arylimino)acenaphthene Complexes. <i>Inorganic Chemistry</i> , 2017, 56, 7811-7820.	1.9	29
77	Observation of Carbodicarbene Ligand Redox Noninnocence in Highly Oxidized Iron Complexes. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 15717-15722.	7.2	29
78	Formation of Boron- σ -Main-Group Element Bonds by Reactions with a Tricoordinate Organoboron L_2 PhB: (L = Oxazol-2-ylidene). <i>Inorganic Chemistry</i> , 2017, 56, 5586-5593.	1.9	27
79	Diverse Bonding Activations in the Reactivity of a Pentaphenylborole toward Sodium Phosphaethynolate: Heterocycle Synthesis and Mechanistic Studies. <i>Inorganic Chemistry</i> , 2017, 56, 4112-4120.	1.9	27
80	Crystalline Neutral Allenic Diborene. <i>Angewandte Chemie</i> , 2017, 129, 9961-9964.	1.6	27
81	Pyrene-Containing Twistarene: Twelve Benzene Rings Fused in a Row. <i>Angewandte Chemie</i> , 2018, 130, 13743-13747.	1.6	27
82	Bis(carbodicarbene)phosphenium trication: the case against hypervalency. <i>Chemical Communications</i> , 2016, 52, 9789-9792.	2.2	26
83	Azaborabutadienes: Synthesis by Metal-Free Carboboration of Nitriles and Utility as Building Blocks for B, N-Heterocycles. <i>Angewandte Chemie</i> , 2016, 128, 14938-14942.	1.6	26
84	A Colorimetric and Fluorimetric Chemodosimeter for Copper Ion Based on the Conversion of Dihydropyrazine to Pyrazine. <i>Chemistry - an Asian Journal</i> , 2016, 11, 136-140.	1.7	26
85	Mechanochemical Synthesis of Phosphazane-Based Frameworks. <i>Chemistry - A European Journal</i> , 2017, 23, 11279-11285.	1.7	26
86	Synthesis, spectroscopic and single crystal X-ray studies on three new mononuclear Ni(II) pincer type complexes: DFT calculations and their antimicrobial activities. <i>Journal of Molecular Structure</i> , 2017, 1141, 428-435.	1.8	26
87	Synthesis and structural characterization of a C_4 cumulene including 4-pyridylidene units, and its reactivity towards ammonia-borane. <i>Chemical Communications</i> , 2014, 50, 12378-12381.	2.2	25
88	Synthesis and Hydrolytic Studies on the Air-Stable [(4-CN-PhO)(E)P(σ -N-Bu)] $_2$ (E = O, S, and Se) Cyclodiphosphazanes. <i>Inorganic Chemistry</i> , 2015, 54, 6423-6432.	1.9	25
89	Serendipitous Observation of Al $_2$ Insertion into a C σ O Bond in L_2 PhB (L=Oxazol-2-ylidene). <i>Chemistry - A European Journal</i> , 2016, 22, 1922-1925.	1.7	25
90	Molecular Engineering toward Coexistence of Dielectric and Optical Switch Behavior in Hybrid Perovskite Phase Transition Material. <i>Journal of Physical Chemistry A</i> , 2018, 122, 6416-6423.	1.1	25

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91	Effect of Carbazolyl Groups on Photophysical Properties of Cyanuric Chloride. ACS Applied Materials & Interfaces, 2019, 11, 47162-47169.	4.0	24
92	Oxidative Addition of Water and Methanol to a Dicationic Trivalent Phosphorus Centre. Chemistry - A European Journal, 2014, 20, 6628-6631.	1.7	23
93	N-Heteroheptacenequinone and N-heterononacenequinone: synthesis, physical properties, crystal structures and photoelectrochemical behaviors. Journal of Materials Chemistry C, 2015, 3, 9877-9884.	2.7	23
94	Reactivity Studies on a Diazadiphosphapentalene. Chemistry - A European Journal, 2016, 22, 9976-9985.	1.7	23
95	Reactivity of an amidinato silylene and germylene toward germanium(II), tin(II) and lead(II) halides. Dalton Transactions, 2017, 46, 3642-3648.	1.6	23
96	Orthogonality in main group compounds: a direct one-step synthesis of air- and moisture-stable cyclophosphazanes by mechanochemistry. Chemical Communications, 2018, 54, 6800-6803.	2.2	23
97	Two-Dimensional and Emission-Tunable: An Unusual Perovskite Constructed from Lindqvist-Type $[\text{Pb}_6\text{Br}_{19}]^{7-}$ Nanoclusters. Inorganic Chemistry, 2018, 57, 14035-14038.	1.9	23
98	Reaction of Terminal Phosphinidene Complexes with Dihydrogen. Organometallics, 2012, 31, 2936-2939.	1.1	22
99	Direct Evidence for the Attack of a Free N-Heterocyclic Carbene at a Carbonyl Ligand: A Zwitterionic Osmium Carbonyl Cluster. Angewandte Chemie - International Edition, 2013, 52, 12110-12113.	7.2	22
100	Isolation and Reactivity of 1,4,2-Diazaborole. Journal of the American Chemical Society, 2015, 137, 11274-11277.	6.6	22
101	Mechanosynthesis of Higher-Order Cocrystals: Tuning Order, Functionality and Size in Cocrystal Design**. Angewandte Chemie - International Edition, 2021, 60, 17481-17490.	7.2	22
102	Tetra- and Dinuclear Nickel(II)-Vanadium(IV) Heterometal Complexes of a Phenol-Based N_2O_2 Ligand: Synthesis, Structures, and Magnetic and Redox Properties. Inorganic Chemistry, 2008, 47, 584-591.	1.9	21
103	A New Type of Phosphaferrocene-Pyrrole-Phosphaferrocene P-N-P Pincer Ligand. Organometallics, 2012, 31, 2486-2488.	1.1	21
104	A Dicationic Iminophosphane. Inorganic Chemistry, 2015, 54, 3087-3089.	1.9	21
105	Synthesis, characterization and crystal structure of Cu(II) complex of trans-cyclohexane-1,2-diamine: Application in synthesis of symmetrical biaryls. Journal of Molecular Structure, 2017, 1134, 85-90.	1.8	21
106	C-F Bond Activation by Transient Phosphenium Dications. Inorganic Chemistry, 2015, 54, 4180-4182.	1.9	20
107	A new oxorhenium(V) complex with benzothiazole derived ligand: Relative stability and global chemical reactivity indices. Inorganica Chimica Acta, 2016, 447, 168-175.	1.2	20
108	Carbonylative Suzuki coupling reactions catalyzed by ONO pincer-type Pd(II) complexes using chloroform as a carbon monoxide surrogate. Applied Organometallic Chemistry, 2020, 34, e5414.	1.7	20

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109	Synthesis of a Tin(II) 1,3-Benzobis(thiophosphinoyl)methanediide Complex and Its Reactions with Aluminum Compounds. <i>Organometallics</i> , 2012, 31, 6538-6546.	1.1	19
110	Preparation, Structural Analysis, and Reactivity Studies of Phosphenium Dications. <i>Organometallics</i> , 2016, 35, 439-449.	1.1	19
111	Novel Approach to Generate a Self-Deliverable Ru(II)-Based Anticancer Agent in the Self-Reacting Confined Gel Space. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 47606-47618.	4.0	19
112	Synthesis, structural studies and ligand influence on the stability of aryl-NHC stabilised trimethylaluminium complexes. <i>Dalton Transactions</i> , 2015, 44, 15166-15174.	1.6	18
113	Synthesis and DFT calculations of oxido and phenylimido-rhenium(V) complexes incorporating the N, O donor ligand 2-[(2-hydroxyethylimino)methyl]phenol. <i>Journal of Coordination Chemistry</i> , 2016, 69, 303-317.	0.8	18
114	Crystalline boron-linked tetraaminoethylene radical cations. <i>Chemical Science</i> , 2017, 8, 7419-7423.	3.7	18
115	A Crystalline Diazadiborinine Radical Cation and Its Boron-Centered Radical Reactivity. <i>Angewandte Chemie</i> , 2018, 130, 7952-7955.	1.6	18
116	Synthesis, characterization and single crystal X-ray studies of pincer type Ni(II)-Schiff base complexes: Application in synthesis of 2-substituted benzimidazoles. <i>Journal of Organometallic Chemistry</i> , 2019, 890, 13-20.	0.8	18
117	Role of zeolite encapsulated Cu(II) complexes in electron transfer as well as peroxy radical intermediates formation during oxidation of thioanisole. <i>Journal of Catalysis</i> , 2020, 389, 305-316.	3.1	18
118	Pursuing the active species in an aluminium-based Lewis acid system for catalytic Diels-Alder cycloadditions. <i>Dalton Transactions</i> , 2017, 46, 753-759.	1.6	17
119	Heteroleptic Germanium(II) and Tin(II) Chlorides Supported by Anionic Ligands Derived from 2,3-Dimethyl-4,4-diaza-1,3-butadiene. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 526-532.	1.0	16
120	Visible Light Driven Hydrogen Evolution by Molecular Nickel Catalysts with Time-Resolved Spectroscopic and DFT Insights. <i>Inorganic Chemistry</i> , 2019, 58, 1469-1480.	1.9	16
121	Palladium-Osmium Heterometallic Clusters Containing N-Heterocyclic Carbene Ligands. <i>Organometallics</i> , 2013, 32, 7559-7563.	1.1	15
122	Acyclic Amido-Containing Silanechalcogenones. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 3821-3824.	1.0	15
123	A Well-Defined Aluminum-Based Lewis Acid as an Effective Catalyst for Diels-Alder Transformations. <i>Chemistry - A European Journal</i> , 2015, 21, 11344-11348.	1.7	15
124	Extending the chemistry of carbones: P-N bond cleavage via an SN ₂ -like mechanism. <i>Chemical Communications</i> , 2015, 51, 10762-10764.	2.2	15
125	Steric C-N bond activation on the dimeric macrocycle $\{[P(\frac{1}{4}NR)]_2(\frac{1}{4}NR)_2\}$. <i>Chemical Communications</i> , 2015, 51, 16468-16471.	2.2	15
126	New mixed ligand oxorhenium(V) complexes of 3-thiapentane-1,5-dithiolato with 2-thiocytosine and 5-amino-1,3,4-thiadiazole-2-thiol: Experiment and theory. <i>Inorganica Chimica Acta</i> , 2015, 425, 124-133.	1.2	15

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127	Influence of increasing steric demand on isomerization of terminal alkenes catalyzed by bifunctional ruthenium complexes. <i>Journal of Organometallic Chemistry</i> , 2017, 834, 1-9.	0.8	15
128	Reactivity of a Base-Stabilized Germanium(I) Dimer toward Group 9 Metal(I) Chloride and Dimanganese Decacarbonyl. <i>Inorganic Chemistry</i> , 2017, 56, 5402-5410.	1.9	15
129	Aryl-NHC-group 13 trimethyl complexes: structural, stability and bonding insights. <i>Dalton Transactions</i> , 2017, 46, 854-864.	1.6	15
130	Polymer-Assisted Single Crystal Engineering of Organic Semiconductors To Alter Electron Transport. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 11837-11842.	4.0	15
131	C-H activation and nucleophilic substitution in a photochemically generated high valent iron complex. <i>Chemical Science</i> , 2018, 9, 3992-4002.	3.7	15
132	Hydrophobic Metal Halide Perovskites for Visible-Light Photoredox C-C Bond Cleavage and Dehydrogenation Catalysis. <i>Angewandte Chemie</i> , 2019, 131, 3494-3498.	1.6	15
133	A New Route to a 2-Phosphanaphthalene. <i>Organic Letters</i> , 2012, 14, 4974-4975.	2.4	14
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