Rakesh Ganguly

List of Publications by Year
in descending order

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253 papers	7,227 citations	57758 44 h-index	91884 69 g-index
274 all docs	274 docs citations	274 times ranked	8021 citing authors

#	Article	IF	Citations
1	Coordination of the Hemilabile Ligand Diphenylvinylphosphine to Ru4(Âµ-H)4(CO)12: Synthesis, Stability and Structural Studies. Journal of Cluster Science, 2022, 33, 2337-2343.	3.3	1
2	Synthesis of Cu(II) complexes by N,Oâ€donor ligand transformation and their catalytic role in visibleâ€lightâ€driven alcohol oxidation. Applied Organometallic Chemistry, 2022, 36, e6450.	3.5	6
3	Copper(II) complexes of 1,3-dimethyl-5-(4â€²/3â€²-pyridylazo)-6-aminouracil: Structures, redox, magnetic and protein binding properties. Journal of Molecular Structure, 2022, 1252, 132164.	3.6	8
4	Pyrene-based fluorescent Ru(<scp>ii</scp>)-arene complexes for significant biological applications: catalytic potential, DNA/protein binding, two photon cell imaging and in vitro cytotoxicity. Dalton Transactions, 2022, 51, 3937-3953.	3.3	14
5	Synthesis, Structure and Catechol Oxidase Activity of Mono Nuclear Cu(II) Complex with Phenol-Based Chelating Agent with N, N, O Donor Sites. Crystals, 2022, 12, 511.	2.2	6
6	Pre-arranged building block approach for the orthogonal synthesis of an unfolded tetrameric organicâ€“inorganic phosphazane macrocycle. Communications Chemistry, 2022, 5, .	4.5	3
7	Synthesis, characterization, theoretical, molecular docking and inÂvitro biological activity studies of Ru(II) (Î· ⁶ - p -cymene) complexes with novel aniline substituted aroyl selenoureas. Journal of Biomolecular Structure and Dynamics, 2021, 39, 4346-4361.	3.5	8
8	Reaction of the Decaosmium Carbido Cluster [Os10(Âµ6-C)(CO)24]2â^' with Halostibines. Journal of Cluster Science, 2021, 32, 929-935.	3.3	2
9	Ruthenacyclic carbamoyl mimics of the [Fe]-hydrogenase active site: Derivatisation at the 4-position of the pyridinyl ring. Polyhedron, 2021, 193, 114890.	2.2	0
10	Synthesis, structure, luminescent properties and catecholase activity of Zn(II) complex with N, O chelating agent. Journal of Molecular Structure, 2021, 1227, 129544.	3.6	6
11	Size-control in the synthesis of oxo-bridged phosphazane macrocycles via a modular addition approach. Communications Chemistry, 2021, 4, .	4.5	6
12	Synthesis, characterization, DNA binding ability, in vitro cytotoxicity, electrochemical properties and theoretical studies of copper(II) carboxylate complexes. Inorganica Chimica Acta, 2021, 518, 120235.	2.4	13
13	Ligand substitution in the osmium carbonyl cluster Os2(CO)8(Âµ3-SbPh)Os(CO)3(Cl)2: Towards derivatives of the osmostibine metalloligand. Journal of Organometallic Chemistry, 2021, 942, 121817.	1.8	1
14	Metallocenyl derivatives of ebselen are selective and competitive inhibitors of thioredoxin reductase. Journal of Organometallic Chemistry, 2021, 943, 121822.	1.8	5
15	Mechanosynthesis of Higherâ€Order Cocrystals: Tuning Order, Functionality and Size in Cocrystal Design**. Angewandte Chemie, 2021, 133, 17622-17631.	2.0	2
16	Mechanosynthesis of Higherâ€Order Cocrystals: Tuning Order, Functionality and Size in Cocrystal Design**. Angewandte Chemie - International Edition, 2021, 60, 17481-17490.	13.8	22
17	Synthesis, crystal structure, and theoretical studies of a macrocyclic silver(I) complex of imino-pyridyl Schiff base ligand. European Journal of Chemistry, 2021, 12, 248-255.	0.6	0
18	Modulation of catalytic and biomolecular binding properties of ruthenium(II)-arene complexes with the variation of coligands for selective toxicity against cancerous cells. Polyhedron, 2021, 207, 115379.	2.2	14

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19	Tetranuclear copper(ii) cubane complexes derived from self-assembled 1,3-dimethyl-5-(o-phenolate-azo)-6-aminouracil: structures, non-covalent interactions and magnetic property. New Journal of Chemistry, 2021, 45, 2742-2753.	2.8	9
20	Group VIII Metal Carbonyl Cluster-Boronic Acid Conjugates: Cytotoxicity and Mode of Action Studies. ACS Omega, 2021, 6, 29045-29053.	3.5	2
21	Selective cyclodimerization of epichlorohydrin to dioxane derivatives over MOFs. Arabian Journal of Chemistry, 2020, 13, 1088-1093.	4.9	6
22	Carboxylated Chalcone and Benzaldehyde Derivatives of Triosmium Carbonyl Clusters: Synthesis, Characterization and Biological Activity Towards MCF-7 Cells. Journal of Cluster Science, 2020, 31, 759-767.	3.3	2
23	Synthesis, structure, Hirshfeld surface analysis and catecholase activity of Ni(II) complex with sterically constrained phenol based ligand. Journal of Molecular Structure, 2020, 1202, 127340.	3.6	12
24	Carbonylative Suzuki coupling reactions catalyzed by ONO pincerâ€“type Pd(II) complexes using chloroform as a carbon monoxide surrogate. Applied Organometallic Chemistry, 2020, 34, e5414.	3.5	20
25	Metalâ€“organic architectures driven by a multifunctional 6-aminouracil spacer: structures, noncovalent interactions, and conductivity. CrystEngComm, 2020, 22, 829-840.	2.6	7
26	Novel dibenzosuberene substituted aroyl selenoureas: Synthesis, crystal structure, DFT, molecular docking and biological studies. Phosphorus, Sulfur and Silicon and the Related Elements, 2020, 195, 331-338.	1.6	6
27	Nâ€Bridged Acyclic Trimeric Polyâ€Cyclodiphosphazanes: Highly Tuneable Cyclodiphosphazane Building Blocks. Angewandte Chemie - International Edition, 2020, 59, 22100-22108.	13.8	7
28	Investigating the solid-state assembly of pharmaceutically-relevant N,N-dimethyl-O-thiocarbamates in the absence of labile hydrogen bonds. CrystEngComm, 2020, 22, 8290-8298.	2.6	0
29	Tuning the Ï€â€“Ï€ overlap and charge transport in single crystals of an organic semiconductor via solvation and polymorphism. Physical Chemistry Chemical Physics, 2020, 22, 19855-19863.	2.8	10
30	Nâ€Bridged Acyclic Trimeric Polyâ€Cyclodiphosphazanes: Highly Tuneable Cyclodiphosphazane Building Blocks. Angewandte Chemie, 2020, 132, 22284-22292.	2.0	2
31	Electronically Induced Steric Clash: Synthesis of NMe2-Modified Î²-Diketiminate-Supported Boron Difluoride Compounds. Australian Journal of Chemistry, 2020, 73, 1219.	0.9	3
32	Rutheniumâ€Based Structural Mimics of the Cofactor of [Fe]â€Hydrogenase: Replacement of the Acyl Moiety with an Nâ€Heterocyclic Carbene. ChemistrySelect, 2020, 5, 10775-10780.	1.5	0
33	Synthesis, characterization, in silico and in vitro biological activity studies of Ru(II) (Î·6-p-cymene) complexes with novel N-dibenzosuberene substituted aroyl selenourea exhibiting Se type coordination. Research on Chemical Intermediates, 2020, 46, 3853-3877.	2.7	12
34	Role of zeolite encapsulated Cu(II) complexes in electron transfer as well as peroxy radical intermediates formation during oxidation of thioanisole. Journal of Catalysis, 2020, 389, 305-316.	6.2	18
35	Synthesis, Structure and Hirshfeld Surface Analysis of Phosphineâ€“Imidazolium Salt. MolBank, 2020, 2020, M1141.	0.5	1
36	Encapsulating ruthenium in silica using a single source precursor: Differing outcomes for a cycloaddition reaction. Inorganica Chimica Acta, 2020, 512, 119833.	2.4	1

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37	Carbodicarbene Ligand Redox Noninnocence in Highly Oxidized Chromium and Cobalt Complexes. Inorganic Chemistry, 2020, 59, 4118-4128.	4.0	13
38	Synthesis, characterization and photophysical studies of a novel polycyclic diborane. New Journal of Chemistry, 2019, 43, 564-568.	2.8	3
39	Copper(II)-faciliated synthesis of substituted thioethers and 5-substituted 1H-tetrazoles: Experimental and theoretical studies. Journal of Organometallic Chemistry, 2019, 896, 194-206.	1.8	14
40	Cobalt Metallogel Interface for Selectively Sensing <scp>l</scp>-Tryptophan among Essential Amino Acids. Inorganic Chemistry, 2019, 58, 7324-7334.	4.0	41
41	Enantiomeric pairs of ternary copper(ii) complexes and their aldol-type condensation products: synthesis, characterization, and anticancer and epigenetic properties. Dalton Transactions, 2019, 48, 4987-4999.	3.3	9
42	Very strong trans effect in ruthenacyclic carbamoyl complexes leads to ligand redistribution in phosphine derivatives. Journal of Organometallic Chemistry, 2019, 887, 5-11.	1.8	3
43	Platinum-Osmium Heterometallic Clusters Containing N-Heterocyclic Carbene Ligands and an Electron-Deficient Tetraosmium By-Product. European Journal of Inorganic Chemistry, 2019, 2019, 1966-1969.	2.0	4
44	Synthesis, characterization and single crystal X-ray studies of pincer type Ni(II)-Schiff base complexes: Application in synthesis of 2-substituted benzimidazoles. Journal of Organometallic Chemistry, 2019, 890, 13-20.	1.8	18
45	Cobalt Complex of a Tetraamido Macrocyclic Ligand as a Precursor for Electrocatalytic Hydrogen Evolution. Organometallics, 2019, 38, 1397-1406.	2.3	11
46	Novel Approach to Generate a Self-Deliverable Ru(II)-Based Anticancer Agent in the Self-Reacting Confined Gel Space. ACS Applied Materials & Interfaces, 2019, 11, 47606-47618.	8.0	19
47	Effect of Carbazolyl Groups on Photophysical Properties of Cyanuric Chloride. ACS Applied Materials & Interfaces, 2019, 11, 47162-47169.	8.0	24
48	Visible Light Driven Hydrogen Evolution by Molecular Nickel Catalysts with Time-Resolved Spectroscopic and DFT Insights. Inorganic Chemistry, 2019, 58, 1469-1480.	4.0	16
49	Synthesis and Electronic Properties of Novel 5,7â€Diazapentacene Derivatives. Chemistry - A European Journal, 2019, 25, 1819-1823.	3.3	12
50	Substituent dependent sensing behavior of Schiff base chemosensors in detecting Zn2+and Al3+ ions: Drug sample analysis and living cell imaging. Sensors and Actuators B: Chemical, 2019, 282, 347-358.	7.8	84
51	Hydrophobic Metal Halide Perovskites for Visibleâ€Light Photoredox Câ^'C Bond Cleavage and Dehydrogenation Catalysis. Angewandte Chemie, 2019, 131, 3494-3498.	2.0	15
52	Improved Photovoltaic Efficiency and Amplified Photocurrent Generation in Mesoporous n = 1 Two-Dimensional Leadâ€“Iodide Perovskite Solar Cells. Chemistry of Materials, 2019, 31, 890-898.	6.7	57
53	Hydrophobic Metal Halide Perovskites for Visibleâ€Light Photoredox Câ^'C Bond Cleavage and Dehydrogenation Catalysis. Angewandte Chemie - International Edition, 2019, 58, 3456-3460.	13.8	93
54	Synthesis, crystal structure, DFT study, inÂvitro and in silico molecular docking of novel bis (aroyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.6	8

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55	Orthogonality in main group compounds: a direct one-step synthesis of air- and moisture-stable cyclophosphazanes by mechanochemistry. Chemical Communications, 2018, 54, 6800-6803.	4.1	23
56	Structure engineering: extending the length of azaacene derivatives through quinone bridges. Journal of Materials Chemistry C, 2018, 6, 3628-3633.	5.5	10
57	A Crystalline Diazadiborinine Radical Cation and Its Boronâ€Centered Radical Reactivity. Angewandte Chemie - International Edition, 2018, 57, 7826-7829.	13.8	34
58	Versatile bimetallic lanthanide metal-organic frameworks for tunable emission and efficient fluorescence sensing. Communications Chemistry, 2018, 1, .	4.5	156
59	Isolation and Reactivity of a Chlorogermyliumylidene Featuring Two Ge-Cl Units. European Journal of Inorganic Chemistry, 2018, 2018, 2228-2231.	2.0	9
60	Boron Analogue of Vinylidene Dication Supported by Phosphines. Journal of the American Chemical Society, 2018, 140, 1255-1258.	13.7	31
61	Photooxidation of a Twisted Isoquinolinone. Chemistry - an Asian Journal, 2018, 13, 250-254.	3.3	3
62	3-Amino-1,2,4(4H)-oxadiazol-5-one (AOD) and its nitrogen-rich salts: a class of insensitive energetic materials. New Journal of Chemistry, 2018, 42, 1840-1844.	2.8	5
63	A FriedlÃnder route to 5,7-diazapentacenes. Journal of Materials Chemistry C, 2018, 6, 3715-3721.	5.5	11
64	A Crystalline Diazadiborinine Radical Cation and Its Boronâ€Centered Radical Reactivity. Angewandte Chemie, 2018, 130, 7952-7955.	2.0	18
65	Engineering the Frontier Orbitals of a Diazadiborinine for Facile Activation of H₂, NH₃, and an Isonitrile. Angewandte Chemie - International Edition, 2018, 57, 7846-7849.	13.8	32
66	The metallostibine Os2(CO)8(Î¼-SbPh): A versatile donor precursor for antimony-containing heterometallic clusters. Journal of Organometallic Chemistry, 2018, 858, 53-61.	1.8	3
67	Polymer-Assisted Single Crystal Engineering of Organic Semiconductors To Alter Electron Transport. ACS Applied Materials & Interfaces, 2018, 10, 11837-11842.	8.0	15
68	Câ€“H activation and nucleophilic substitution in a photochemically generated high valent iron complex. Chemical Science, 2018, 9, 3992-4002.	7.4	15
69	Investigation on chemical protease, nuclease and catecholase activity of two copper complexes with flexidentate Schiff base ligands. Inorganica Chimica Acta, 2018, 469, 111-122.	2.4	30
70	Synthesis, crystal structures, and application of two new pincer type palladium(II)-Schiff base complexes in C-C cross-coupling reactions. Inorganica Chimica Acta, 2018, 471, 345-354.	2.4	47
71	Observation of Carbodicarbene Ligand Redox Noninnocence in Highly Oxidized Iron Complexes. Angewandte Chemie, 2018, 130, 15943-15948.	2.0	6
72	Ruthenacyclic Carbamoyl Complexes: Highly Efficient Catalysts for Organosilane Hydrolysis. European Journal of Inorganic Chemistry, 2018, 2018, 4982-4986.	2.0	9

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73	Observation of Carbodicarbene Ligand Redox Noninnocence in Highly Oxidized Iron Complexes. Angewandte Chemie - International Edition, 2018, 57, 15717-15722.	13.8	29
74	Spectroscopic Characterization and Mechanistic Studies on Visible Light Photoredox Carbonâ€“Carbon Bond Formation by Bis(arylimino)acenaphthene Copper Photosensitizers. ACS Catalysis, 2018, 8, 11277-11286.	11.2	42
75	Two-Dimensional and Emission-Tunable: An Unusual Perovskite Constructed from Lindqvist-Type [Pb6Br19]7â€“ Nanoclusters. Inorganic Chemistry, 2018, 57, 14035-14038.	4.0	23
76	Stibine-protected Au₁₃nanoclusters: syntheses, properties and facile conversion to GSH-protected Au₂₅nanocluster. Chemical Science, 2018, 9, 8723-8730.	7.4	38
77	Embedding a Ruthenium-Based Structural Mimic of the [Fe]-Hydrogenase Cofactor into Papain. Inorganic Chemistry, 2018, 57, 12206-12212.	4.0	11
78	Synthesis, structures, and investigation of noncovalent interactions of 1,3-dimethyl-5-(4Ê¹/3Ê¹-pyridylazo)-6-aminouracil and their Ni(II) complexes. Journal of Molecular Structure, 2018, 1170, 70-81.	3.6	6
79	Engineering the Frontier Orbitals of a Diazadiborinine for Facile Activation of H₂, NH₃, and an Isonitrile. Angewandte Chemie, 2018, 130, 7972-7975.	2.0	13
80	Structural Mimics of the [Fe]-Hydrogenase: A Complete Set for Group VIII Metals. Inorganic Chemistry, 2018, 57, 7113-7120.	4.0	14
81	Nickel(II) based homo- vs heterometallic 1D coordination polymers derived from a novel 6-aminouracil building block: Structures, topologies, non-covalent interactions, magnetism, and antibacterial activity. Inorganica Chimica Acta, 2018, 482, 384-394.	2.4	10
82	Molecular Engineering toward Coexistence of Dielectric and Optical Switch Behavior in Hybrid Perovskite Phase Transition Material. Journal of Physical Chemistry A, 2018, 122, 6416-6423.	2.5	25
83	Synthesis and crystal structures of salen-type Cu(<scp>ii</scp>) and Ni(<scp>ii</scp>) Schiff base complexes: application in [3+2]-cycloaddition and A³-coupling reactions. New Journal of Chemistry, 2018, 42, 13754-13762.	2.8	42
84	Controlling Supramolecular Chirality of Two-Component Hydrogels by J- and H-Aggregation of Building Blocks. Journal of the American Chemical Society, 2018, 140, 6467-6473.	13.7	165
85	Experimental and computational studies on a new mixed ligand oxidoâ€“rhenium(V) compound. Journal of the Chinese Chemical Society, 2018, 65, 1035-1043.	1.4	3
86	Hole Mobility Modulation in Singleâ€Crystal Metal Phthalocyanines by Changing the Metalâ€“Ï€/Ï€â€“Ï€ Interactions. Angewandte Chemie - International Edition, 2018, 57, 10112-10117.	13.8	54
87	Pyreneâ€Containing Twistarene: Twelve Benzene Rings Fused in a Row. Angewandte Chemie - International Edition, 2018, 57, 13555-13559.	13.8	76
88	Pyreneâ€Containing Twistarene: Twelve Benzene Rings Fused in a Row. Angewandte Chemie, 2018, 130, 13743-13747.	2.0	27
89	Inducing Panchromatic Absorption and Photoconductivity in Polycrystalline Molecular 1D Lead-Iodide Perovskites through Ï€-Stacked Viologens. Chemistry of Materials, 2018, 30, 5827-5830.	6.7	33
90	Synthesis of Unique Phosphazane Macrocycles via Steric Activation of Câ€“N Bonds. Inorganic Chemistry, 2018, 57, 10993-11004.	4.0	9

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91	Zeolite encapsulated host-guest Cu(II) Schiff base complexes: Superior activity towards oxidation reactions over homogenous catalytic systems. Microporous and Mesoporous Materials, 2018, 271, 100-117.	4.4	37
92	Unprecedented formation of a Î¼ -oxobridged polymeric copper(II) complex: Evaluation of catalytic activity in synthesis of 5-substituted 1 H -tetrazoles. Journal of Organometallic Chemistry, 2018, 870, 16-22.	1.8	14
93	cis-Cyclodiphosph(<scp>v</scp>/<scp>v</scp>)azanes as highly stable and robust main group supramolecular building blocks. CrystEngComm, 2018, 20, 5998-6004.	2.6	10
94	Donorâ€“Acceptor Stabilized Tetra(silanimine). Inorganic Chemistry, 2017, 56, 1609-1615.	4.0	7
95	Nickel tetrazolato complexes synthesized by microwave irradiation: Catecholase like activity and interaction with biomolecules. Journal of Coordination Chemistry, 2017, 70, 261-278.	2.2	13
96	Bis(N-heterocyclic olefin) Derivative: An Efficient Precursor for Isophosphindolylium Species. Inorganic Chemistry, 2017, 56, 8608-8614.	4.0	14
97	Formation of Boronâ€“Main-Group Element Bonds by Reactions with a Tricoordinate Organoboron L₂PhB: (L = Oxazol-2-ylidene). Inorganic Chemistry, 2017, 56, 5586-5593.	4.0	27
98	Reactivity of an amidinato silylene and germylene toward germanium(<scp>ii</scp>), tin(<scp>ii</scp>) and lead(<scp>ii</scp>) halides. Dalton Transactions, 2017, 46, 3642-3648.	3.3	23
99	Influence of increasing steric demand on isomerization of terminal alkenes catalyzed by bifunctional ruthenium complexes. Journal of Organometallic Chemistry, 2017, 834, 1-9.	1.8	15
100	Reactivity of a Base-Stabilized Germanium(I) Dimer toward Group 9 Metal(I) Chloride and Dimanganese Decacarbonyl. Inorganic Chemistry, 2017, 56, 5402-5410.	4.0	15
101	Mechanochemical Synthesis of Phosphazaneâ€Based Frameworks. Chemistry - A European Journal, 2017, 23, 11279-11285.	3.3	26
102	Expedient Synthesis of a Metallostibine Os2(CO)8(Âµ-SbPh): An Unusual and Strong Two-Electron-Donor Ligand. European Journal of Inorganic Chemistry, 2017, 2017, 2541-2546.	2.0	6
103	A large pyrene-fused N-heteroacene: fifteen aromatic six-membered rings annulated in one row. Chemical Communications, 2017, 53, 7772-7775.	4.1	114
104	Nickel(II) Square-Planar Complex of 1,3-Dimethyl-5-(p-Cl-phenylazo)-6-aminouracil: Crystal Structure, Dissociation Kinetics and Anion Interaction. Journal of Chemical Crystallography, 2017, 47, 101-109.	1.1	6
105	Kinetics and DFT Studies of Photoredox Carbonâ€“Carbon Bond Cleavage Reactions by Molecular Vanadium Catalysts under Ambient Conditions. ACS Catalysis, 2017, 7, 4682-4691.	11.2	74
106	Synthesis and structure of 1,3-dimethyl-5-(p -sulfonamide-phenylazo)-6-aminouracil and its Ni(II) complex: Topological insights and investigation for noncovalent interactions. Journal of Molecular Structure, 2017, 1141, 225-236.	3.6	12
107	Alkeneâ€“Carbene Isomerization induced by Borane: Access to an Asymmetrical Diborene. Journal of the American Chemical Society, 2017, 139, 5047-5050.	13.7	78
108	Synthesis, spectroscopic and single crystal X-ray studies on three new mononuclear Ni(II) pincer type complexes: DFT calculations and their antimicrobial activities. Journal of Molecular Structure, 2017, 1141, 428-435.	3.6	26

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109	Morphology-Independent Stable White-Light Emission from Self-Assembled Two-Dimensional Perovskites Driven by Strong Excitonâ€“Phonon Coupling to the Organic Framework. Chemistry of Materials, 2017, 29, 3947-3953.	6.7	200
110	Diverse Bonding Activations in the Reactivity of a Pentaphenylborole toward Sodium Phosphaethynolate: Heterocycle Synthesis and Mechanistic Studies. Inorganic Chemistry, 2017, 56, 4112-4120.	4.0	27
111	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.	3.6	21
112	Unique Triphenylphosphonium Derivatives for Enhanced Mitochondrial Uptake and Photodynamic Therapy. Bioconjugate Chemistry, 2017, 28, 590-599.	3.6	46
113	Pursuing the active species in an aluminium-based Lewis acid system for catalytic Dielsâ€“Alder cycloadditions. Dalton Transactions, 2017, 46, 753-759.	3.3	17
114	Halogen-Assisted Piezochromic Supramolecular Assemblies for Versatile Haptic Memory. Journal of the American Chemical Society, 2017, 139, 436-441.	13.7	142
115	Aryl-NHC-group 13 trimethyl complexes: structural, stability and bonding insights. Dalton Transactions, 2017, 46, 854-864.	3.3	15
116	Generation and Trapping of Terminal Phosphinidene Complex [CF3 P-W(CO)5]. ChemistrySelect, 2017, 2, 9838-9841.	1.5	2
117	A snapshot of inorganic Janovsky complex analogues featuring a nucleophilic boron center. Chemical Communications, 2017, 53, 12734-12737.	4.1	8
118	Study of an efficient conversion of 1,3-dimethyl-5-(Arylazo)-6-Amino-Uracils to 1,3-dimethyl-8-(Aryl)-Azapurin-2,6-Diones. Journal of Molecular Structure, 2017, 1150, 118-126.	3.6	6
119	Crystalline boron-linked tetraaminoethylene radical cations. Chemical Science, 2017, 8, 7419-7423.	7.4	18
120	Ring Expansion, Photoisomerization, and Retrocyclization of 1,4,2â€Diazaboroles. Angewandte Chemie - International Edition, 2017, 56, 14572-14576.	13.8	12
121	Lewis Acid-Catalyzed Selective [2 + 2]-Cycloaddition and Dearomatizing Cascade Reaction of Aryl Alkynes with Acrylates. Journal of the American Chemical Society, 2017, 139, 13570-13578.	13.7	65
122	Electrostatic Catalyst Generated from Diazadiborinine for Carbonyl Reduction. CheM, 2017, 3, 134-151.	11.7	34
123	Cobalt-platinum heterometallic clusters containing N-heterocyclic carbene ligands. Journal of Organometallic Chemistry, 2017, 849-850, 48-53.	1.8	2
124	Crystalline Neutral Allenic Diborene. Angewandte Chemie, 2017, 129, 9961-9964.	2.0	27
125	Crystalline Neutral Allenic Diborene. Angewandte Chemie - International Edition, 2017, 56, 9829-9832.	13.8	58
126	Broadbandâ€Emitting 2â€‰D Hybrid Organicâ€“Inorganic Perovskite Based on Cyclohexaneâ€bis(methylamonium) Cation. ChemSusChem, 2017, 10, 3765-3772.	6.8	72

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127	Ring Expansion, Photoisomerization, and Retrocyclization of 1,4,2â€Diazaboroles. Angewandte Chemie, 2017, 129, 14764-14768.	2.0	7
128	Eâ€“H (E = B, Si, C) Bond Activation by Tuning Structural and Electronic Properties of Phosphenium Cations. Inorganic Chemistry, 2017, 56, 14671-14681.	4.0	29
129	Synthesis, Characterization, and Crystal Structures of Diruthenium Complexes Containing Bridging Salicylato Ligands. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2017, 643, 878-882.	1.2	1
130	Synthesis and the Optical and Electrochemical Properties of Indium(III) Bis(arylimino)acenaphthene Complexes. Inorganic Chemistry, 2017, 56, 7811-7820.	4.0	29
131	Synthesis and thermal reactivity of a Me3N-stabilized cyclic (alkyl)(amino)oxophosphonium ion. Inorganica Chimica Acta, 2017, 460, 2-7.	2.4	10
132	Synthesis and crystal structures of [Ph₃PCH₂PPh₃]I₂ dichloromethane disolvate and [Ph₃PCH₂PPh₃](BI₄)₂. Acta Crystallographica Section E: Crystallographic Communications, 2017, 73, 1259-1263.	0.5	6
133	Isolation of a Cyclic (Alkyl)(amino)germylene. Molecules, 2016, 21, 990.	3.8	30
134	Serendipitous Observation of Al^I Insertion into a Câ”O Bond in L₂PhB (L=Oxazolâ€2â€ylidene). Chemistry - A European Journal, 2016, 22, 1922-1925.	3.3	25
135	Reactivity Studies on a Diazadiphosphapentalene. Chemistry - A European Journal, 2016, 22, 9976-9985.	3.3	23
136	Bis(carbodicarbene)phosphenium trication: the case against hypervalency. Chemical Communications, 2016, 52, 9789-9792.	4.1	26
137	Azaborabutadienes: Synthesis by Metalâ€Free Carboboration of Nitriles and Utility as Building Blocks for B,Nâ€Heterocycles. Angewandte Chemie, 2016, 128, 14938-14942.	2.0	26
138	A Colorimetric and Fluorimetric Chemodosimeter for Copper Ion Based on the Conversion of Dihydropyrazine to Pyrazine. Chemistry - an Asian Journal, 2016, 11, 136-140.	3.3	26
139	Synthesis, physical properties, and sensing behaviour of a novel naphthalenediimide derivative. Dyes and Pigments, 2016, 131, 224-230.	3.7	8
140	A new oxorhenium(V) complex with benzothiazole derived ligand: Relative stability and global chemical reactivity indices. Inorganica Chimica Acta, 2016, 447, 168-175.	2.4	20
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