Bulat M Gabidullin

List of Publications by Year
in descending order

79	1,371	411340 20	466096 32
papers	citations	h-index	g-index

82	82	82	1826
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Asymmetric Ring Opening in a Tetrazineâ€Based Ligand Affords a Tetranuclear Optoâ€Magnetic Ytterbium Complex. Chemistry - A European Journal, 2021, 27, 2361-2370.	1.7	6
2	Electrocatalytic reduction of CO₂ to CO and HCO₂^{â^'} with Zn(<scp>ii</scp>) complexes displaying cooperative ligand reduction. Chemical Communications, 2021, 57, 9292-9295.	2.2	4
3	Electrocatalytic H 2 Generation from Water Relying on Cooperative Ligand Electron Transfer in â€œPN 3 Pâ€•Pinceršâ€Supported Ni II Complexes. Chemistry - A European Journal, 2021, 27, 13518-13522.	1.7	4
4	Synthesis and reactivity of perfluoroferracyclocarbenes. Polyhedron, 2020, 185, 114587.	1.0	8
5	Shedding Light on the Diverse Reactivity of NacNacAl with Nâ€Heterocycles. Angewandte Chemie - International Edition, 2020, 59, 16147-16153.	7.2	9
6	Shedding Light on the Diverse Reactivity of NacNacAl with Nâ€Heterocycles. Angewandte Chemie, 2020, 132, 16281-16287.	1.6	4
7	Ge(0) Compound Stabilized by a Diimino-Carbene Ligand: Synthesis and Ambiphilic Reactivity. Journal of the American Chemical Society, 2020, 142, 5852-5861.	6.6	25
8	Unprecedented intramolecular pancake bonding in a {Dy₂} single-molecule magnet. Inorganic Chemistry Frontiers, 2020, 7, 2592-2601.	3.0	18
9	An integrated Re(<scp>i</scp>) photocatalyst/sensitizer that activates the formation of formic acid from reduction of CO₂. Chemical Communications, 2019, 55, 11041-11044.	2.2	22
10	Linear Endâ€On Coordination Modes of CO 2. Angewandte Chemie, 2019, 131, 15029-15032.	1.6	0
11	Linear Endâ€On Coordination Modes of CO 2. Angewandte Chemie - International Edition, 2019, 58, 14887-14890.	7.2	6
12	Sequential Oxidation and Câ^'H Bond Activation at a Gallium(I) Center. Angewandte Chemie - International Edition, 2019, 58, 18102-18107.	7.2	21
13	Mechanochemical Preparations of Anion Coordinated Architectures Based on 3â€Iodoethynylpyridine and 3â€Iodoethynylbenzoic Acid. ChemistryOpen, 2019, 8, 1328-1336.	0.9	8
14	Iron-SNS and -CNS Complexes: Selective C_{aryl}â€“S Bond Cleavage and Amine-Borane Dehydrogenation Catalysis. Organometallics, 2019, 38, 3844-3851.	1.1	16
15	Rational Design of Tetranuclear Complexes Employing N â€Imidoylamidine Based Ligands. European Journal of Inorganic Chemistry, 2019, 2019, 963-972.	1.0	3
16	Selective Copper Complex-Catalyzed Hydrodefluorination of Fluoroalkenes and Allyl Fluorides: A Tale of Two Mechanisms. Journal of the American Chemical Society, 2019, 141, 11506-11521.	6.6	42
17	Single-Crystal NMR Characterization of Halogen Bonds. Journal of Physical Chemistry A, 2019, 123, 6194-6209.	1.1	17
18	Visibleâ€Light Photocatalytic Reduction of CO 2 to Formic Acid with a Ru Catalyst Supported by N , N â€²â€Bis(diphenylphosphino)â€2,6â€diaminopyridine Ligands. ChemSusChem, 2019, 12, 3453-3457.	3.6	15

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19	A Luminescent Thermometer Exhibiting Slow Relaxation of the Magnetization: Toward Self-Monitored Building Blocks for Next-Generation Optomagnetic Devices. ACS Central Science, 2019, 5, 1187-1198.	5.3	113
20	Interaction of Multiple Bonds with NacNacGa: Oxidative Cleavage vs Coupling and Cyclization. Inorganic Chemistry, 2019, 58, 8665-8672.	1.9	21
21	7-Metalla-1,4-diphosphanorbornadienes: cycloaddition of monovalent group 13 NacNac complexes to a stable 1,4-diphosphinine. Dalton Transactions, 2019, 48, 8248-8253.	1.6	20
22	Exploring the coordination chemistry of terpy-type boratriazine chelates through a series of mononuclear iron(III) complexes. Polyhedron, 2019, 162, 8-13.	1.0	3
23	Synthesis and Reactivity of Mnâ€“CF3 Complexes. Inorganics, 2019, 7, 3.	1.2	4
24	Innentitelbild: Linear Endâ€On Coordination Modes of CO₂ (Angew. Chem. 42/2019). Angewandte Chemie, 2019, 131, 14918-14918.	1.6	0
25	Two-step catalytic dehydrogenation of formic acid to CO2 via formaldehyde. International Journal of Hydrogen Energy, 2019, 44, 1534-1543.	3.8	4
26	Nickel Fluorocarbene Metathesis with Fluoroalkenes. Angewandte Chemie, 2018, 130, 5874-5878.	1.6	11
27	Probing Optical Anisotropy and Polymorphâ€Dependent Photoluminescence in [Ln₂] Complexes by Hyperspectral Imaging on Single Crystals. Chemistry - A European Journal, 2018, 24, 10146-10155.	1.7	11
28	Nickel Fluorocarbene Metathesis with Fluoroalkenes. Angewandte Chemie - International Edition, 2018, 57, 5772-5776.	7.2	25
29	Neutral and anionic zinc compounds supported by a bis(imino)phenyl NCN ligand. Dalton Transactions, 2018, 47, 4607-4612.	1.6	6
30	Reversible Redox, Spin Crossover, and Superexchange Coupling in 3d Transitionâ€Metal Complexes of Bisâ€triazinyl Analogues of 2,2â€²:6â€²,2â€²â€²â€Terpyridine. European Journal of Inorganic Chemistry, 2018, 2018, 1212-1223.	2.3	8
31	Probing Magneticâ€Exchange Coupling in Supramolecular Squares Based on Reducible Tetrazineâ€Derived Ligands. Chemistry - A European Journal, 2018, 24, 4259-4263.	1.7	19
32	Metal Heptafluoroisopropyl (M-hfip) Complexes for Use as hfip Transfer Agents. Organometallics, 2018, 37, 422-432.	1.1	17
33	2,3,5,6-Tetra(1H-tetrazol-5-yl)pyrazine: A Thermally Stable Nitrogen-Rich Energetic Material. ACS Applied Energy Materials, 2018, 1, 589-593.	2.5	41
34	Efficient and Selective Iron-Complex-Catalyzed Hydroboration of Aldehydes. ACS Catalysis, 2018, 8, 1076-1081.	5.5	71
35	Mechanochemistry and cocrystallization of 3-iodoethynylbenzoic acid with nitrogen-containing heterocycles: concurrent halogen and hydrogen bonding. New Journal of Chemistry, 2018, 42, 10493-10501.	1.4	22
36	Employing a neutral â€œPN3Pâ€•pincer to access mer-Re(I) tricarbonyl complexes: Autoionization of a halo ligand and the role of an N-R (R = H, Me) substituent. Polyhedron, 2018, 143, 62-69.	1.0	12

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37	Imino-stabilised phosphinidene (or azaphosphole?) and some of its derivatives. Dalton Transactions, 2018, 47, 17011-17019.	1.6	25
38	A tunable lanthanide cubane platform incorporating air-stable radical ligands for enhanced magnetic communication. Communications Chemistry, 2018, 1, .	2.0	20
39	Photocatalytic CO₂ Reduction with Manganese Complexes Bearing a Î²²-PN Ligand: Breaking the Î±-Diimine Hold on Group 7 Catalysts and Switching Selectivity. Inorganic Chemistry, 2018, 57, 13092-13096.	1.9	14
40	Synthesis and Investigation of 2,3,5,6â€Tetraâ€(1Hâ€tetrazolâ€5â€yl)pyrazine Based Energetic Materials. ChemPlusChem, 2018, 83, 984-990.	1.3	8
41	Reaction of CO₂ with a Vanadium(II) Aryl Oxide: Synergistic Activation of CO₂/Oxo Groups towards Hâ€Atom Radical Abstraction. Angewandte Chemie, 2018, 130, 11094-11098.	1.6	5
42	Ruâ€Catalyzed Transfer Hydrogenation of Nitriles, Aromatics, Olefins, Alkynes and Esters. ChemCatChem, 2018, 10, 4860-4869.	1.8	41
43	Tetrazine-Based Ligand Transformation Driving Metalâ€“Metal Bond and Mixed-Valence Hg^I/Hg^{II}. ACS Omega, 2018, 3, 10273-10277.	1.6	3
44	Comparing the Halogen Bond to the Hydrogen Bond by Solidâ€State NMR Spectroscopy: Anion Coordinated Dimers from 2â€•and 3â€•Iodoethynylpyridine Salts. Chemistry - A European Journal, 2018, 24, 11364-11376.	1.7	35
45	Reaction of CO₂ with a Vanadium(II) Aryl Oxide: Synergistic Activation of CO₂/Oxo Groups towards Hâ€Atom Radical Abstraction. Angewandte Chemie - International Edition, 2018, 57, 10928-10932.	7.2	6
46	Distinct Palladium(II) Carbene Complexes Supported by Six-Membered 1,3-Disubstituted Permidin-2-ylidene, Six-Membered N-Heterocyclic Carbenes. ACS Omega, 2018, 3, 6587-6594.	1.6	7
47	[Ln₁₆] complexes (Ln = Gd^{III}, Dy^{III}): molecular analogues of natural minerals such as hydrotalcite. Dalton Transactions, 2018, 47, 12847-12851.	1.6	10
48	Dimers, monomers and pentacoordination in a series of earth-abundant transition metal dibromido complexes supported by a neutral SNS ligand framework. Polyhedron, 2018, 154, 252-258.	1.0	1
49	N,Nâ€²-Diamidonaphthalene as a Versatile Ligand to Stabilize Mono- and Bimetallic Complexes of Group 13. European Journal of Inorganic Chemistry, 2018, 2018, 2702-2708.	1.0	3
50	3-(1,2,2-Triiodoethenyl)benzoic acid. IUCrData, 2018, 3, .	0.1	1
51	S-Functionalization of 3,5-bis(2-pyridyl)-1,2,4,6-thiatriazine: probing the effect of alkyl chain length in the development of tethered materials. New Journal of Chemistry, 2017, 41, 2268-2276.	1.4	1
52	Prospects for ²⁰⁷Pb solid-state NMR studies of lead tetrel bonds. Faraday Discussions, 2017, 203, 165-186.	1.6	31
53	¹³C and¹⁹F solid-state NMR and X-ray crystallographic study of halogen-bonded frameworks featuring nitrogen-containing heterocycles. Acta Crystallographica Section C, Structural Chemistry, 2017, 73, 157-167.	0.2	34
54	Transition-Metal-Free Formation of Câ€“E Bonds (E = C, N, O, S) and Formation of Câ€“M Bonds (M = Mn,) Tj ETQq0 0 0 rgBT /Overlock Organometallics, 2017, 36, 849-857.	1.1	12

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55	Unusual Reactions of NacNacAl with Urea and Phosphine Oxides. Inorganic Chemistry, 2017, 56, 5993-5997.	1.9	29
56	Oxidative Cleavage of the Câ•N Bond on Al(I). Journal of the American Chemical Society, 2017, 139, 8804-8807.	6.6	37
57	1,3,5-Tri(iodoethynyl)-2,4,6-trifluorobenzene: halogen-bonded frameworks and NMR spectroscopic analysis. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2017, 73, 153-162.	0.5	17
58	Generation of Hydrofluoronickelacycles from Trifluoroethylene and Ni(0): Ligand Effects on Regio-/Stereoselectivity and Reactivity. Journal of the American Chemical Society, 2017, 139, 4075-4086.	6.6	18
59	Probing the Coordination Chemistry of N-2-Pyridylimidoyl-2-pyridylamidine: A Versatile Ligand with Multiple Coordination Sites. Crystal Growth and Design, 2017, 17, 6572-6578.	1.4	8
60	Zinc-Catalyzed Hydrosilylation and Hydroboration of N-Heterocycles. ACS Catalysis, 2017, 7, 8454-8459.	5.5	77
61	Electroâ€•and Photocatalytic Generation of H₂ Using a Distinctive Co^{II} â€œPN₃Pâ€•Pincer Supported Complex with Water or Saturated Saline as a Hydrogen Source. Chemistry - A European Journal, 2017, 23, 16763-16767.	1.7	9
62	Unprecedented Octanuclear Dy^{III} Cluster Exhibiting Single-Molecule Magnet Behavior. Crystal Growth and Design, 2017, 17, 5044-5048.	1.4	17
63	A closer look at the reactivity between N-heterocyclic carbenes and fluoroalkenes. Journal of Fluorine Chemistry, 2017, 203, 81-89.	0.9	6
64	Iron(II) Complexes of a Hemilabile SNS Amido Ligand: Synthesis, Characterization, and Reactivity. Inorganic Chemistry, 2017, 56, 13766-13776.	1.9	22
65	Synthesis of novel highly functionalized triazole-linked calix[4]resorcinols via click reaction. Mendeleev Communications, 2017, 27, 556-558.	0.6	12
66	New phosphorus-containing calix[4]pyridine based on para -thiophosphorylated derivative of benzaldehyde. Mendeleev Communications, 2017, 27, 287-289.	0.6	2
67	Selective Activation of Fluoroalkenes with Nâ€Heterocyclic Carbenes: Synthesis of Nâ€Heterocyclic Fluoroalkenes and Polyfluoroalkenyl Imidazolium Salts. Chemistry - A European Journal, 2016, 22, 8063-8067.	1.7	30
68	From discrete molecule, to polymer, to MOF: mapping the coordination chemistry of Cd^{II}using¹¹³Cd solid-state NMR. Chemical Communications, 2016, 52, 10680-10683.	2.2	18
69	Oxidative Cleavage of C=S and P=S Bonds at an Al^I Center: Preparation of Terminally Bound Aluminum Sulfides. Angewandte Chemie - International Edition, 2016, 55, 13306-13311.	7.2	61
70	Applying thieno[3,2-b]thiophene as a building block in the design of rigid extended thienoacenes. RSC Advances, 2016, 6, 97420-97429.	1.7	9
71	Oxidative Cleavage of C=S and P=S Bonds at an Al^I Center: Preparation of Terminally Bound Aluminum Sulfides. Angewandte Chemie, 2016, 128, 13500-13505.	1.6	20
72	Alkyl-functionalization of 3,5-bis(2-pyridyl)-1,2,4,6-thiatriazine. New Journal of Chemistry, 2016, 40, 4472-4479.	1.4	3

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73	Synthesis, structure and coordination properties of novel bifunctional carboxylic derivatives of 1,3-alternate tetrathiacalix[4]arene. RSC Advances, 2016, 6, 19531-19544.	1.7	1
74	Thiophosphorylated derivatives of meta- and ortho-hydroxybenzaldehydes in one-step syntheses of novel calix[4]resorcinols. Tetrahedron Letters, 2014, 55, 7209-7214.	0.7	10
75	A facile synthetic route to convert Tb(iii) complexes of novel tetra-1,3-diketone calix[4]resorcinarene into hydrophilic luminescent colloids. New Journal of Chemistry, 2014, 38, 4130-4140.	1.4	20
76	One-step synthesis of rccc- and rctt-diastereomers of novel calix[4]resorcinols based on a para-thiophosphorylated derivative of benzaldehyde. Tetrahedron Letters, 2013, 54, 3538-3542.	0.7	20
77	New bifunctional compounds obtained by selective hydrolysis of tetrathiacalix[4]arene tetraethyl esters with Cs2CO3. Tetrahedron Letters, 2012, 53, 3135-3139.	0.7	10
78	The role of preorganization of hydrazone moieties on tetrathiacalix[4]arene platform for their conformational and binding properties from the view of structural investigation. Journal of Molecular Structure, 2011, 1001, 125-133.	1.8	8
79	New Calix[4]Resorcinols with Thiophosphoryl-Containing Fragments. Phosphorus, Sulfur and Silicon and the Related Elements, 2011, 186, 1972-1980.	0.8	14