

Gábor Balázs

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,351
citations

361413

20
h-index

361022

35
g-index

50
all docs

50
docs citations

50
times ranked

562
citing authors

#	ARTICLE	IF	CITATIONS
1	Rhodium-Based Metal-Organic Polyhedra Assemblies for Selective CO ₂ Photoreduction. <i>Journal of the American Chemical Society</i> , 2022, 144, 3626-3636.	13.7	57
2	Binding, Release and Functionalization of Intact Pnictogen Tetrahedra Coordinated to Dicopper Complexes. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	4
3	The "Hidden" Reductive [2+2+1] Cycloaddition Chemistry of Phosphaethynolate Revealed by Reduction of a P-As Linkage. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 1197-1202.	13.8	10
4	The "Hidden" Reductive [2+2+1] Cycloaddition Chemistry of Phosphaethynolate Revealed by Reduction of a P-As Linkage. <i>Angewandte Chemie</i> , 2021, 133, 1217-1222.	2.0	2
5	Reactivity of Cu(I) Nacnac Complexes Toward Polypnictogen Compounds. <i>Inorganic Chemistry</i> , 2021, 60, 5840-5850.	4.0	7
6	Halogenation of Diphosphorus Complexes. <i>Inorganic Chemistry</i> , 2021, 60, 5163-5171.	4.0	4
7	Synthesis of Tetrahedranes Containing the Unique Bridging Heterodipnictogen Ligand E ₂ (E = P, As). <i>Inorganic Chemistry</i> , 2021, 60, 11649-11655.	3.3	12
8	Coordination Behavior of [Cp* ₂ Zr(μ _{1,1} -As ₄)] towards Lewis Acids. <i>Molecules</i> , 2021, 26, 2966.	3.8	1
9	E ₄ Transfer (E=P, As) to Ni Complexes. <i>Chemistry - A European Journal</i> , 2021, 27, 11649-11655.	3.3	5
10	Insertion of Phosphenium Ions into a Bicyclo[1.1.0]Tetraphosphabutane Iron Complex. <i>Molecules</i> , 2021, 26, 3920.	3.8	1
11	Pentaphosphaferrocene-mediated synthesis of asymmetric organo-phosphines starting from white phosphorus. <i>Nature Communications</i> , 2021, 12, 5774.	12.8	31
12	Substituted aromatic pentaphosphole ligands " a journey across the p-block. <i>Chemical Science</i> , 2021, 12, 13037-13044.	7.4	10
13	Structural diversity of mixed polypnictogen complexes: dicationic E ₂ E ₂ (E = P, As). <i>Inorganic Chemistry</i> , 2021, 60, 14531-14539.	7.4	4
14	Iron(II)-diimine complexes with As ₂ -, As ₄ - and As ₈ -ligands. <i>Chemical Communications</i> , 2020, 56, 13209-13212.	4.1	7
15	Cationic Functionalisation by Phosphenium Ion Insertion. <i>Chemistry - A European Journal</i> , 2020, 26, 17165-17170.	3.3	19
16	Stabilization of Pentaphospholes as Coordinating Ligands. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 23879-23884.	13.8	11
17	The Parent Diarsene HAs=AsH as Side-Bound Ligand in an Iron Carbonyl Complex. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 16092-16096.	13.8	8
18	Trapping of a Highly Bent and Reduced Form of Phosphaethynolate in a Mixed-Valence Diuranium-Triamidoamine Complex. <i>Angewandte Chemie</i> , 2019, 131, 10321-10325.	2.0	7

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19	Ring Contraction by NHCâ€induced Pnictogen Abstraction. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 16563-16568.	13.8	35
20	Photolytic and Reductive Activations of 2â€Arsaethynolate in a Uraniumâ€Triamidoamine Complex: Decarbonylative Arsenicâ€Group Transfer Reactions and Trapping of a Highly Bent and Reduced Form. <i>Chemistry - A European Journal</i> , 2019, 25, 14246-14252.	3.3	18
21	Trapping of a Highly Bent and Reduced Form of 2â€Phosphaethynolate in a Mixedâ€Valence Diuraniumâ€Triamidoamine Complex. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 10215-10219.	13.8	24
22	The Parent Diarsene HAs=AsH as Sideâ€on Bound Ligand in an Iron Carbonyl Complex. <i>Angewandte Chemie</i> , 2019, 131, 16238-16242.	2.0	1
23	The Influence of Î²â€diimino Ligands on As₄ Activation by Cobalt Complexes. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8760-8764.	13.8	14
24	Actinideâ€Pnictide (An~Pn) Bonds Spanning Nonâ€Metal, Metalloid, and Metal Combinations (An=U, Th); Tj ETQg0.0.0 rgBT/Overlock	2.0	11
25	Dicationic E₄ Chains (E=P, As, Sb, Bi) Embedded in the Coordination Sphere of Transition Metals. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3256-3261.	13.8	25
26	Actinideâ€Pnictide (An~Pn) Bonds Spanning Nonâ€Metal, Metalloid, and Metal Combinations (An=U, Th); Tj ETQg0.0.0 rgBT/Overlock	13.8	33
27	Triamidoamine thorium-arsenic complexes with parent arsenide, arsinidiide and arsenido structural motifs. <i>Nature Communications</i> , 2017, 8, 14769.	12.8	50
28	Terminal Parent Phosphanide and Phosphinidene Complexes of Zirconium(IV). <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7669-7673.	13.8	33
29	Terminal Parent Phosphanide and Phosphinidene Complexes of Zirconium(IV). <i>Angewandte Chemie</i> , 2017, 129, 7777-7781.	2.0	9
30	Coordination Behavior of [Cpâ€ ² ₂Zr(Î·^{1:1}â€P₄)] towards Different Lewis Acids. <i>Chemistry - A European Journal</i> , 2017, 23, 10319-10327.	3.3	16
31	Isomerization, Ring Expansion, and Ring Contraction of 1,3â€Diphosphete Complexes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9592-9596.	13.8	15
32	Transfer Reagent for Bonding Isomers of Iron Complexes. <i>Journal of the American Chemical Society</i> , 2017, 139, 13981-13984.	13.7	31
33	Crystalline Diuranium Phosphinidiide and Î¼â€Phosphido Complexes with Symmetric and Asymmetric UPU Cores. <i>Angewandte Chemie</i> , 2017, 129, 10631-10636.	2.0	21
34	Crystalline Diuranium Phosphinidiide and Î¼â€Phosphido Complexes with Symmetric and Asymmetric UPU Cores. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 10495-10500.	13.8	62
35	Oxidation Chemistry of Inorganic Benzene Complexes. <i>Chemistry - A European Journal</i> , 2016, 22, 15248-15251.	3.3	15
36	Homoleptic Phosphaalkyne Complexes of Silver(I). <i>Angewandte Chemie - International Edition</i> , 2016, 55, 13301-13305.	13.8	7

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37	Cp ² As ⁴ ”An Organicâ€Substituted As ⁴ Butterfly Compound. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15524-15527.	13.8	17
38	Thoriumâ€phosphorus triamidoamine complexes containing Thâ€P single- and multiple-bond interactions. <i>Nature Communications</i> , 2016, 7, 12884.	12.8	87
39	Homoleptic Phosphaalkyne Complexes of Silver(I). <i>Angewandte Chemie</i> , 2016, 128, 13495-13499.	2.0	3
40	Isolation of Elusive HAsAsH in a Crystalline Diuranium(IV) Complex. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 15250-15254.	13.8	50
41	Isolation of Elusive HAsAsH in a Crystalline Diuranium(IV) Complex. <i>Angewandte Chemie</i> , 2015, 127, 15465-15469.	2.0	16
42	Redox and Coordination Behavior of the Hexaphosphabenzene Ligand in [(Cp*Mo) ² (I ^{1/4} ,I ⁶ :I ⁶ â€P ⁶)] Towards the â€Nakedâ€Cations Cu ⁺ , Ag ⁺ , and Tl ⁺ . <i>Angewandte Chemie - International Edition</i> , 2015, 54, 13110-13115.	13.8	32
43	Isolation and Characterization of Lewis Base Stabilized Monomeric Parent Stibanylboranes. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 13122-13125.	13.8	33
44	Triamidoamine uranium(IV)â€arsenic complexes containing one-, two- and threefold Uâ€As bonding interactions. <i>Nature Chemistry</i> , 2015, 7, 582-590.	13.6	114
45	Functionalization of a cycloâ€P ⁵ Ligand by Mainâ€Group Element Nucleophiles. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 7643-7646.	13.8	55
46	Triamidoamineâ€Uranium(IV)â€Stabilized Terminal Parent Phosphide and Phosphinidene Complexes. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 4484-4488.	13.8	130
47	Ferrocene and Pentaphosphaferrocene: A Comparative Study Regarding Redox Chemistry. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 2972-2976.	13.8	75
48	The potential of a cyclo-As ₅ ligand complex in coordination chemistry. <i>Chemical Science</i> , 2010, 1, 337.	7.4	58