

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	Triamidoamine-Uranium(IV)-Stabilized Terminal Parent Phosphide and Phosphinidene Complexes. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 4484-4488.	13.8	130
2	Triamidoamine uranium(IV)-arsenic complexes containing one-, two- and threefold U-As bonding interactions. <i>Nature Chemistry</i> , 2015, 7, 582-590.	13.6	114
3	Thorium-phosphorus triamidoamine complexes containing Th-P single- and multiple-bond interactions. <i>Nature Communications</i> , 2016, 7, 12884.	12.8	87
4	Ferrocene and Pentaphosphaferrocene: A Comparative Study Regarding Redox Chemistry. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 2972-2976.	13.8	75
5	Crystalline Diuranium Phosphinidide and U_2P Phosphido Complexes with Symmetric and Asymmetric UPU Cores. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 10495-10500.	13.8	62
6	The potential of a cyclo-As ₅ ligand complex in coordination chemistry. <i>Chemical Science</i> , 2010, 1, 337.	7.4	58
7	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
8	Functionalization of a cyclo-P ₅ Ligand by Main-Group Element Nucleophiles. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 7643-7646.	13.8	55
9	Actinide-Pnictide (An-Pn) Bonds Spanning Non-Metal, Metalloid, and Metal Combinations (An=U, Th; Tj ETQ ₁ 1 0.784314 rgB	13.8	53
10	Isolation of Elusive HAsAsH in a Crystalline Diuranium(IV) Complex. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 15250-15254.	13.8	50
11	Triamidoamine thorium-arsenic complexes with parent arsenide, arsinidide and arsenido structural motifs. <i>Nature Communications</i> , 2017, 8, 14769.	12.8	50
12	Ring Contraction by NHC-Induced Pnictogen Abstraction. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 16563-16568.	13.8	35
13	Isolation and Characterization of Lewis Base Stabilized Monomeric Parent Stibanylboranes. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 13122-13125.	13.8	33
14	Terminal Parent Phosphanide and Phosphinidene Complexes of Zirconium(IV). <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7669-7673.	13.8	33
15	Redox and Coordination Behavior of the Hexaphospha-benzene Ligand in $[(\text{Cp}^*\text{Mo})_2(\text{I}^4, \text{I}^6)_6\text{P}_6]$ Towards the "Naked" Cations Cu ⁺ , Ag ⁺ , and Tl ⁺ . <i>Angewandte Chemie - International Edition</i> , 2015, 54, 13110-13115.	13.8	32
16	Transfer Reagent for Bonding Isomers of Iron Complexes. <i>Journal of the American Chemical Society</i> , 2017, 139, 13981-13984.	13.7	31
17	Pentaphosphaferrocene-mediated synthesis of asymmetric organo-phosphines starting from white phosphorus. <i>Nature Communications</i> , 2021, 12, 5774.	12.8	31
18	Dicationic E ₄ 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

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19	Trapping of a Highly Bent and Reduced Form of 2-Phosphaethynolate in a Mixed-Valence Diuranium-Triamidoamine Complex. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 10215-10219.	13.8	24
20	Crystalline Diuranium Phosphinidide and 1/4-Phosphido Complexes with Symmetric and Asymmetric UPU Cores. <i>Angewandte Chemie</i> , 2017, 129, 10631-10636.	2.0	21
21	Cationic Functionalisation by Phosphenium Ion Insertion. <i>Chemistry - A European Journal</i> , 2020, 26, 17165-17170.	3.3	19
22	Photolytic and Reductive Activations of 2-Arsaethynolate in a Uranium-Triamidoamine Complex: Decarbonylative Arsenic-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
23	Cp ^{PEt} ₂ As ₄ An Organic Substituted As ₄ Butterfly Compound. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15524-15527.	13.8	17
24	Isolation of Elusive HASAsH in a Crystalline Diuranium(IV) Complex. <i>Angewandte Chemie</i> , 2015, 127, 15465-15469.	2.0	16
25	Coordination Behavior of [Cp ² Zr(¹ P ₄)] towards Different Lewis Acids. <i>Chemistry - A European Journal</i> , 2017, 23, 10319-10327.	3.3	16
26	Oxidation Chemistry of Inorganic Benzene Complexes. <i>Chemistry - A European Journal</i> , 2016, 22, 15248-15251.	3.3	15
27	Isomerization, Ring Expansion, and Ring Contraction of 1,3-Diphosphete Complexes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9592-9596.	13.8	15
28	The Influence of 2-diiminato Ligands on As ₄ Activation by Cobalt Complexes. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8760-8764.	13.8	14
29	Synthesis of Tetrahedranes Containing the Unique Bridging Hetero-Dipnictogen Ligand E ₂ (E = P, As). <i>J. Am. Chem. Soc.</i> 2012, 134, 10784-10788.	3.3	12
30	Actinide-Pnictide (An ⁿ Pn) Bonds Spanning Non-Metal, Metalloid, and Metal Combinations (An=U, Th); <i>J. Am. Chem. Soc.</i> 2011, 133, 11000-11004.	2.0	11
31	Stabilization of Pentaphospholes as ⁵ -Coordinating Ligands. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 23879-23884.	13.8	11
32	The "Hidden" Reductive [2+2+1] Cycloaddition Chemistry of 2-Phosphaethynolate Revealed by Reduction of a Th-OCP Linkage. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 1197-1202.	13.8	10
33	Substituted aromatic pentaphosphole ligands - a journey across the p-block. <i>Chemical Science</i> , 2021, 12, 13037-13044.	7.4	10
34	Terminal Parent Phosphanide and Phosphinidene Complexes of Zirconium(IV). <i>Angewandte Chemie</i> , 2017, 129, 7777-7781.	2.0	9
35	The Parent Diarsene HAS=AsH as Side-on Bound Ligand in an Iron Carbonyl Complex. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 16092-16096.	13.8	8
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	Trapping of a Highly Bent and Reduced Form of 2â€Phosphaethynolate in a Mixedâ€Valence Diuraniumâ€Triamidoamine Complex. <i>Angewandte Chemie</i> , 2019, 131, 10321-10325.	2.0	7
38	Iron Î²-diiminate complexes with As₂-, As₄- and As₈-ligands. <i>Chemical Communications</i> , 2020, 56, 13209-13212.	4.1	7
39	Reactivity of Cu(I) Nacnac Complexes Toward Polypnictogen Compounds. <i>Inorganic Chemistry</i> , 2021, 60, 5840-5850.	4.0	7
40	E₄ Transfer (E=P, As) to Ni Complexes. <i>Chemistry - A European Journal</i> , 2021, 27, 11649-11655.	3.3	5
41	Halogenation of Diphosphorus Complexes. <i>Inorganic Chemistry</i> , 2021, 60, 5163-5171.	4.0	4
42	Structural diversity of mixed polypnictogen complexes: dicationic E₂Eâ€²₂ (E = As, Sb) Tj ETQq0 0 0 rgBT /O 14531-14539.	7.4	4
43	Binding, Release and Functionalization of Intact Pnictogen Tetrahedra Coordinated to Dicopper Complexes. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	4
44	Homoleptic Phosphaalkyne Complexes of Silver(I). <i>Angewandte Chemie</i> , 2016, 128, 13495-13499.	2.0	3
45	The â€Hiddenâ€Reductive [2+2+1]â€Cycloaddition Chemistry of 2â€Phosphaethynolate Revealed by Reduction of a Thâ€OCP Linkage. <i>Angewandte Chemie</i> , 2021, 133, 1217-1222.	2.0	2
46	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
47	Coordination Behavior of [Cpâ€³Zr(Î¼¹:1-As₄)] towards Lewis Acids. <i>Molecules</i> , 2021, 26, 2966.	3.8	1
48	Insertion of Phosphenium Ions into a Bicyclo[1.1.0]Tetraphosphabutane Iron Complex. <i>Molecules</i> , 2021, 26, 3920.	3.8	1