

Ingo Krossing

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

377
papers

13,815
citations

61
h-index

99
g-index

429
ext. papers

15,267
ext. citations

6.4
avg, IF

6.85
L-index

#	Paper	IF	Citations
377	Ga-catalyzed hydrosilylation? About the surprising system Ga/HSiR/olefin, proof of oxidation with subvalent Ga and silylium catalysis with perfluoroalkoxyaluminate anions.. <i>Chemical Science</i> , 2022 , 13, 439-453	9.4	2
376	Copper-Catalyzed Monooxygenation of Phenols: Evidence for a Mononuclear Reaction Mechanism.. <i>Angewandte Chemie - International Edition</i> , 2022 ,	16.4	1
375	A unified pH scale for all solvents: part I Intention and reasoning (IUPAC Technical Report). <i>Pure and Applied Chemistry</i> , 2021 , 93, 1049-1060	2.1	2
374	Fluorination of Methanol Catalysts to improve Productivity and Selectivity 2021 , 579-587	0.3	
373	Critical role of H-aggregation for high-efficiency photoinduced charge generation in pristine pentamethine cyanine salts. <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 23886-23895	3.6	2
372	Starke Lewis- und Brønsted-saure Zentren im Borosulfat $Mg_3[H_2O \rightarrow B(SO_4)_3]_2$. <i>Angewandte Chemie</i> , 2021 , 133, 10738-10741	3.6	5
371	Strong Lewis and Brønsted Acidic Sites in the Borosulfate $Mg [H_2O \rightarrow B(SO_4)_3]$. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 10643-10646	16.4	8
370	Metal-CO Bonding in Mononuclear Transition Metal Carbonyl Complexes. <i>Jacs Au</i> , 2021 , 1, 623-645		7
369	Chasing the Mond Cation: Synthesis and Characterization of the Homoleptic Nickel Tetracarbonyl Cation and its Tricarbonyl-Nitrosyl Analogue. <i>Angewandte Chemie</i> , 2021 , 133, 14926-14931	3.6	0
368	Chasing the Mond Cation: Synthesis and Characterization of the Homoleptic Nickel Tetracarbonyl Cation and its Tricarbonyl-Nitrosyl Analogue. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 14800-14805	16.4	5
367	Investigations toward a Non-Aqueous Hybrid Redox-Flow Battery with a Manganese-Based Anolyte and Catholyte. <i>Advanced Energy Materials</i> , 2021 , 11, 2101261	21.8	1
366	The Coordination Chemistry and Clustering of Subvalent Ga^+ and In^+ upon Addition of π -Donor Ligands. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2021 , 647, 1660-1673	1.3	4
365	A Simple Homoleptic Gallium(I) Olefin Complex: Mimicking Transition-Metal Chemistry at a Main-Group Metal?. <i>Angewandte Chemie</i> , 2021 , 133, 210-213	3.6	1
364	Fluorination of Ni-Rich Lithium-Ion Battery Cathode Materials by Fluorine Gas: Chemistry, Characterization, and Electrochemical Performance in Full-cells. <i>Batteries and Supercaps</i> , 2021 , 4, 632-645	5.6	4
363	Extending the chemistry of weakly basic ligands: solvates of Ag and Cu stabilized by $[Al\{OC(CF_3)_2\}]^-$ anion as model examples in the screening of useful weakly interacting solvents. <i>Dalton Transactions</i> , 2021 , 50, 2050-2056	4.3	1
362	A Simple Homoleptic Gallium(I) Olefin Complex: Mimicking Transition-Metal Chemistry at a Main-Group Metal?. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 208-211	16.4	10
361	Cationic Niobium-Sandwich and Piano-Stool Complexes. <i>Chemistry - A European Journal</i> , 2021 , 27, 758-765	5.8	1

360	The First Year of B. Sc. Chemistry at the University of Freiburg, Germany: A Report from the Experimental Lecture on General and Inorganic Chemistry. <i>Chimia</i> , 2021 , 75, 9-13	1.3	
359	Cations and Anions of Dibenzo[a,e]pentalene and Reduction of a Dibenzo[a,e]pentalenophane. <i>Chemistry - A European Journal</i> , 2021 , 27, 4964-4970	4.8	9
358	Oxidative addition, reduction and reductive coupling: the versatile reactivity of subvalent gallium cations. <i>Dalton Transactions</i> , 2021 , 50, 15103-15110	4.3	2
357	Synthesis and characterization of crystalline niobium and tantalum carbonyl complexes at room temperature. <i>Nature Chemistry</i> , 2020 , 12, 647-653	17.6	12
356	Synthesis and Application of a Perfluorinated Ammoniumyl Radical Cation as a Very Strong Deelectronator. <i>Angewandte Chemie</i> , 2020 , 132, 9540-9546	3.6	4
355	Synthesis and Structural Characterization of Gallium(I) and Indium(I) Cations Coordinated by Pentamethylethylenediamine. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2020 , 646, 523-525	1.3	6
354	Synthesis and Application of a Perfluorinated Ammoniumyl Radical Cation as a Very Strong Deelectronator. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 9453-9459	16.4	13
353	Completing the triad: synthesis and full characterization of homoleptic and heteroleptic carbonyl and nitrosyl complexes of the group VI metals. <i>Chemical Science</i> , 2020 , 11, 3592-3603	9.4	11
352	Altering Charges on Heterobimetallic Transition-Metal Carbonyl Clusters. <i>Chemistry - A European Journal</i> , 2020 , 26, 12373-12381	4.8	5
351	Soft interactions with hard Lewis acids: generation of mono- and dicationic alkaline-earth metal arene-complexes by direct oxidation. <i>Chemical Science</i> , 2020 , 11, 2068-2076	9.4	19
350	Spectroscopic Signatures of Pressurized Carbon Dioxide in Diffuse Reflectance Infrared Spectroscopy of Heterogeneous Catalysts. <i>ChemCatChem</i> , 2020 , 12, 2622-2629	5.2	5
349	Review on Synthesis, Characterization, and Electrochemical Properties of Fluorinated Nickel-Cobalt-Manganese Cathode Active Materials for Lithium-Ion Batteries. <i>ChemElectroChem</i> , 2020 , 7, 1389-1430	4.3	7
348	Coating of NCM 851005 Cathode Material with AlO@Al ₂ O ₃ and Subsequent Treatment with Anhydrous HF. <i>Journal of the Electrochemical Society</i> , 2020 , 167, 070510	3.9	4
347	Building blocks for the chemistry of perfluorinated alkoxyaluminates [Al{OC(CF)}]: simplified preparation and characterization of Li-Cs, Ag, NH, NH and NH salts. <i>Dalton Transactions</i> , 2020 , 49, 7766-7773	4.3	9
346	Investigation of Mixtures of BF ₃ Carbonates and LiX (X = OCH ₂ CF ₃ , OC(H)(CF ₃) ₂ , CO ₂ CF ₃) as Novel Electrolyte Systems for Lithium Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2020 , 167, 080507	3.9	2
345	Coating of Li _{1+x} [Ni _{0.85} Co _{0.10} Mn _{0.05}] _{1-x} O ₂ Cathode Active Material with Gaseous BF ₃ . <i>Journal of the Electrochemical Society</i> , 2020 , 167, 120505	3.9	2
344	The Inverted Philosopher's Stone: how to turn silver to a base metal. <i>Journal of Solid State Electrochemistry</i> , 2020 , 24, 2847-2852	2.6	
343	Synthesis of Oxymethylene Ether (OME) as 2nd generation E-fuel 2020 , 405-414	0.3	1

342	Stabile Salze heteroleptischer Eisen-Carbonyl/Nitrosylkationen. <i>Angewandte Chemie</i> , 2020 , 132, 5629-5638	8
341	Stable Salts of Heteroleptic Iron Carbonyl/Nitrosyl Cations. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 5581-5585	16.4 13
340	A Highly Lewis Acidic Strontium ansa-Arene Complex for Lewis Acid Catalysis and Isobutylene Polymerization. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 22023-22027	16.4 17
339	Symmetric Potentiometric Cells for the Measurement of Unified pH Values. <i>Symmetry</i> , 2020 , 12, 1150	2.7 4
338	Stack by Stack: From the Free Cyclopentadienylgermanium Cation Via Heterobimetallic Main-Group Sandwiches to Main-Group Sandwich Coordination Polymers. <i>Chemistry - A European Journal</i> , 2020 , 26, 14109-14117	4.8 3
337	Group 6 Hexacarbonyls as Ligands for the Silver Cation: Syntheses, Characterization, and Analysis of the Bonding Compared with the Isoelectronic Group 5 Hexacarbonylates. <i>Chemistry - A European Journal</i> , 2020 , 26, 17203-17211	4.8 8
336	A Highly Lewis Acidic Strontium ansa-Arene Complex for Lewis Acid Catalysis and Isobutylene Polymerization. <i>Angewandte Chemie</i> , 2020 , 132, 22207-22211	3.6 3
335	Asymmetric Imides as Electrolyte Additive for Lithium-Ion Batteries with NCM111 Cathode. <i>ChemElectroChem</i> , 2020 , 7, 2107-2113	4.3 1
334	Preparation of BF ₃ Carbonates and their Electrochemical Investigation as Additives in Lithium Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2020 , 167, 060514	3.9 4
333	Facile Two-Phase Catalysis: From Dimethoxymethane and Monomeric Formaldehyde towards Oxymethylene Ethers (OMEs). <i>ChemCatChem</i> , 2020 , 12, 2416-2420	5.2 4
332	Why Do Five Ga ⁺ Cations Form a Ligand-Stabilized [Ga ₅] ⁵⁺ Pentagon and How Does a 5:1 Salt Pack in the Solid State?. <i>Angewandte Chemie</i> , 2019 , 131, 14300-14304	3.6 1
331	Investigations on silylium ions leading to a cyclobutenyl cation. <i>Chemical Science</i> , 2019 , 10, 2821-2829	9.4 14
330	Fluorination of Li-Rich Lithium-Ion-Battery Cathode Materials by Fluorine Gas: Chemistry, Characterization, and Electrochemical Performance in Half Cells. <i>ChemElectroChem</i> , 2019 , 6, 3337-3349	4.3 20
329	Oxidative Fluorination of Cu/ZnO Methanol Catalysts. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 12935-12939	16.4 11
328	As ^B vs. P ^B Insertion in AsP ₃ : Kinetic Control of the Formation of [AsP ₃ NO] ⁺ . <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 2607-2612	2.3 3
327	Oxidative Fluorination of Cu/ZnO Methanol Catalysts. <i>Angewandte Chemie</i> , 2019 , 131, 13069-13073	3.6 3
326	Endlich homoleptisch: Synthese und vollständige Charakterisierung stabiler Salze des Mangantetranitrosylkations. <i>Angewandte Chemie</i> , 2019 , 131, 9687-9690	3.6 8
325	From Phosphidic to Phosphonium? Umpolung of the P-Bonding Situation in [CpFe(CO)(L)([P])] ⁺ Cations (L=CO or PPh). <i>Chemistry - A European Journal</i> , 2019 , 25, 10546-10551	4.8 7

324	Using Me ₃ SiEtAl(ORF) ₃ and Me ₃ SiCl as Methylating Agents [Synthesis and Characterization of SeMeCl ₂ [F{Al(ORF) ₃ }] ₂]. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2019 , 645, 64-71	1.3	2
323	Going Homoleptic: Synthesis and Full Characterization of Stable Manganese Tetranitrosyl Cation Salts. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 9586-9589	16.4	12
322	StructureFinder. <i>Journal of Applied Crystallography</i> , 2019 , 52, 468-471	3.8	
321	Stable salts of the hexacarbonyl chromium(I) cation and its pentacarbonyl-nitrosyl chromium(I) analogue. <i>Nature Communications</i> , 2019 , 10, 624	17.4	19
320	Coordination Chemistry of P S and P Se towards the Iron Fragments [Fe(Cp)(CO)] and [Fe(Cp)(PPh)(CO)]. <i>Chemistry - A European Journal</i> , 2019 , 25, 12159-12168	4.8	2
319	Why Do Five Ga Cations Form a Ligand-Stabilized [Ga] Pentagon and How Does a 5:1 Salt Pack in the Solid State?. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 14162-14166	16.4	10
318	Isolated Cationic Organometallic Nickel(I) Arene Complexes. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 3309-3317	2.3	4
317	Homogen katalysierte Synthese von Oxymethylenethern (OME) durch Aufnahme von molekularem Formaldehyd 2019 , 371-379		2
316	First experimental evidence for the elusive tetrahedral cations [EP] (E = S, Se, Te) in the condensed phase. <i>Chemical Science</i> , 2019 , 10, 10779-10788	9.4	6
315	Towards Weakly Coordinating Anions with the Extremely Electron Withdrawing Perfluoropyridinoxy Ligand DC5F4N. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 59-67	2.3	8
314	Perfluorinated tert-Butoxides of Tin(II): The Dimeric Alkoxide and Its Monomeric Ate Complex. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2019 , 645, 301-308	1.3	2
313	Homoleptic Silver Complexes of the Cages P ₄ Se ₃ and As ₄ S ₃ . <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 1657-1668	2.3	6
312	Ab initio study of CO ₂ hydrogenation mechanisms on inverse ZnO/Cu catalysts. <i>Journal of Catalysis</i> , 2018 , 360, 168-174	7.3	32
311	Homoleptic Trichloroacetonitrile Complexes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2018 , 644, 652-656	1.3	2
310	Simple Green Synthesis and Electrochemical Performance of a New Fluorinated Carbonate as Additive for Lithium-Ion Batteries. <i>ChemElectroChem</i> , 2018 , 5, 1415-1420	4.3	3
309	The Ideal Ionic Liquid Salt Bridge for the Direct Determination of Gibbs Energies of Transfer of Single Ions, Part I: The Concept. <i>Angewandte Chemie</i> , 2018 , 130, 2368-2371	3.6	2
308	Reactivity of [Ni(cod) ₂][Al(ORF) ₄] towards Small Molecules and Elements. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2018 , 644, 50-57	1.3	4
307	More Stable Template Localization for an Incremental Focal-Point Approach-Implementation and Application to the Intramolecular Decomposition of Tris-perfluoro-tert-butoxyalane. <i>Journal of Chemical Theory and Computation</i> , 2018 , 14, 557-571	6.4	

306	Die Schöne (WCA) und das (kationische) Biest: Neues aus der Chemie von und mit schwach koordinierenden Anionen. <i>Angewandte Chemie</i> , 2018 , 130, 14178-14221	3.6	78
305	Taming the Cationic Beast: Novel Developments in the Synthesis and Application of Weakly Coordinating Anions. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 13982-14024	16.4	198
304	The Ideal Ionic Liquid Salt Bridge for Direct Determination of Gibbs Energies of Transfer of Single Ions, Part II: Evaluation of the Role of Ion Solvation and Ion Mobilities. <i>Angewandte Chemie</i> , 2018 , 130, 2372-2376	3.6	1
303	Silver Coordination Chemistry of the Weakly Basic Cage As ₄ S ₄ . <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 3203-3212	2.3	4
302	Catalytic Use of Low-Valent Cationic Gallium(I) Complexes as π -Acids. <i>Advanced Synthesis and Catalysis</i> , 2018 , 360, 544-549	5.6	30
301	The Lewis superacid Al[N(CF) ₃] and its higher homolog Ga[N(CF) ₃] - structural features, theoretical investigation and reactions of a metal amide with higher fluoride ion affinity than SbF ₅ . <i>Chemical Science</i> , 2018 , 9, 245-253	9.4	28
300	From a (Pseudo) Aluminum Sesquihalide Al ₂ (Et) ₃ (ORF) ₃ to Me ₃ Si[Al(ORF) ₃] (RF = C(CF ₃) ₃). <i>Organometallics</i> , 2018 , 37, 706-711	3.8	9
299	Access to the Bis-benzene Cobalt(I) Sandwich Cation and its Derivatives: Synthons for a π -Naked Cobalt(I) Source?. <i>Angewandte Chemie</i> , 2018 , 130, 9454-9458	3.6	6
298	Facile and systematic access to the least-coordinating WCA [(RO)Al-F-Al(OR)] and its more Lewis-basic brother [F-Al(OR)] (R = C(CF ₃)). <i>Chemical Science</i> , 2018 , 9, 7058-7068	9.4	34
297	Guilty and charged: a stable solution of the hexamethylbenzene radical cation as a ligand forming oxidising agent. <i>Chemical Communications</i> , 2018 , 54, 10036-10039	5.8	13
296	The perfluorinated alcohols c-CFOH, c-CF-1,1-(OH) and c-CF-1-(CF)OH. <i>Chemical Communications</i> , 2018 , 54, 9294-9297	5.8	1
295	Towards a Sustainable Synthesis of Oxymethylene Dimethyl Ether by Homogeneous Catalysis and Uptake of Molecular Formaldehyde. <i>Angewandte Chemie</i> , 2018 , 130, 9605-9608	3.6	10
294	Recent improvements inDSR. <i>Journal of Applied Crystallography</i> , 2018 , 51, 928-934	3.8	26
293	Lithium Bis(2,2,2-trifluoroethyl)phosphate Li[O ₂ P(OCH ₂ CF ₃) ₂]: A High Voltage Additive for LNMO/Graphite Cells. <i>Journal of the Electrochemical Society</i> , 2018 , 165, A2569-A2576	3.9	20
292	Towards a Sustainable Synthesis of Oxymethylene Dimethyl Ether by Homogeneous Catalysis and Uptake of Molecular Formaldehyde. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 9461-9464	16.4	25
291	Basic Remarks on Acidity. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 4386-4411	16.4	29
290	Grundlegende Bemerkungen zur Azidität. <i>Angewandte Chemie</i> , 2018 , 130, 4471-4498	3.6	10
289	The Ideal Ionic Liquid Salt Bridge for the Direct Determination of Gibbs Energies of Transfer of Single Ions, Part I: The Concept. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 2344-2347	16.4	12

288	The Ideal Ionic Liquid Salt Bridge for Direct Determination of Gibbs Energies of Transfer of Single Ions, Part II: Evaluation of the Role of Ion Solvation and Ion Mobilities. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 2348-2352	16.4	10
287	Synthesis, Characterisation and Reactions of Truly Cationic Ni -Phosphine Complexes. <i>Chemistry - A European Journal</i> , 2018 , 24, 918-927	4.8	12
286	Tetracationic Gallium Cluster Cations. <i>Angewandte Chemie</i> , 2018 , 130, 14399-14402	3.6	13
285	How does the Environment Influence a Given Cation? A Systematic Investigation of [Co(CO)] in Gas Phase, Solution, and Solid State. <i>Chemistry - A European Journal</i> , 2018 , 24, 19348-19360	4.8	8
284	Tetracationic Gallium Cluster Cations. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 14203-14206	16.4	21
283	Access to the Bis-benzene Cobalt(I) Sandwich Cation and its Derivatives: Synthons for a "Naked" Cobalt(I) Source?. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 9310-9314	16.4	18
282	Ethylzinc- and Zincbisfluoroalkoxides. <i>ChemistrySelect</i> , 2017 , 2, 265-273	1.8	2
281	The Parent Cyclopentadienyltin Cation, Its Toluene Adduct, and the Quadruple-Decker [Sn Cp]. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 2880-2884	16.4	23
280	The Parent Cyclopentadienyltin Cation, Its Toluene Adduct, and the Quadruple-Decker [Sn ₃ Cp ₄] ²⁺ . <i>Angewandte Chemie</i> , 2017 , 129, 2926-2930	3.6	11
279	Highly correlated ab initio thermodynamics of oxymethylene dimethyl ethers (OME): formation and extension to the liquid phase. <i>Sustainable Energy and Fuels</i> , 2017 , 1, 1177-1183	5.8	9
278	Using the Lewis Acid Me Si-F-Al(OR) To Prepare Phosphino-Phosphonium Cations with the Least-Coordinating Anion [(R O) Al-F-Al(OR)]. <i>Chemistry - A European Journal</i> , 2017 , 23, 12305-12313	4.8	16
277	Inhibiting Polysulfide Shuttle in Lithium-Sulfur Batteries through Low-Ion-Pairing Salts and a Triflamide Solvent. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 6192-6197	16.4	86
276	Inhibiting Polysulfide Shuttle in Lithium-Sulfur Batteries through Low-Ion-Pairing Salts and a Triflamide Solvent. <i>Angewandte Chemie</i> , 2017 , 129, 6288-6293	3.6	19
275	Synthesis and Characterization of Bromoaluminate Ionic Liquids. <i>Chemistry - A European Journal</i> , 2017 , 23, 9821-9830	4.8	7
274	An Investigation of the Symmetric and Asymmetric Cleavage Products in the System Aluminum Trihalide/1-Butylimidazole. <i>Chemistry - A European Journal</i> , 2017 , 23, 11054-11066	4.8	10
273	Poly(oxymethylene) dimethyl ether synthesis by combined chemical equilibrium investigation towards an increasingly efficient and potentially sustainable synthetic route. <i>Reaction Chemistry and Engineering</i> , 2017 , 2, 50-59	4.9	32
272	First Investigations Towards the Feasibility of an Al/Br ₂ Battery Based on Ionic Liquids. <i>ChemElectroChem</i> , 2017 , 4, 2934-2942	4.3	8
271	Two synthetic approaches for the preparation of tin(ii) dications. <i>Chemical Communications</i> , 2017 , 53, 10914-10917	5.8	14

270	Novel photoacid generators for cationic photopolymerization. <i>Polymer Chemistry</i> , 2017 , 8, 4414-4421	4.9	44
269	From an Easily Accessible Pentacarbonylcobalt(I) Salt to Piano-Stool Cations [(arene)Co(CO)]. <i>Chemistry - A European Journal</i> , 2017 , 23, 14658-14664	4.8	15
268	From Square-Planar [ICl] to Novel Chloroiodates(III)? A Systematic Experimental and Theoretical Investigation of Their Ionic Liquids. <i>Chemistry - A European Journal</i> , 2017 , 23, 11312-11322	4.8	11
267	Arene Complexes of Divalent Tin Bromoaluminates. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2017 , 643, 1374-1378	1.3	2
266	A unified view to Brønsted acidity scales: do we need solvated protons?. <i>Chemical Science</i> , 2017 , 8, 6964-6973	6.7	39
265	Laser rapid-prototyping and modular packaging of chip-based microreactors for direct fluorination reactions. <i>Chemical Engineering Research and Design</i> , 2017 , 128, 318-330	5.5	4
264	Silver Complexes of Dihalogen Molecules. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 9259-61	16.4	19
263	Coordination Chemistry of Diiodine and Implications for the Oxidation Capacity of the Synergistic Ag(+)/X ₂ (X=Cl, Br, I) System. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 9262-6	16.4	19
262	From Ion-Like Ethylzinc Aluminates to [EtZn(arene)] [Al(OR)] Salts. <i>Chemistry - A European Journal</i> , 2016 , 22, 15847-15855	4.8	21
261	A Ferrocenyl-Backboned Unsymmetric O,C-Coordinating Ligand and Its Tin Derivatives. <i>ChemistryOpen</i> , 2016 , 5, 319-24	2.3	7
260	Silver Complexes of Dihalogen Molecules. <i>Angewandte Chemie</i> , 2016 , 128, 9405-9407	3.6	6
259	Bermuda-clusters: On the interaction of chelating bipyridines with subvalent Ga ⁺ and In ⁺ salts of the [Al(ORF) ₄] ⁺ WCA. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016 , 191, 651-654	1	
258	Reactive p-block cations stabilized by weakly coordinating anions. <i>Chemical Society Reviews</i> , 2016 , 45, 789-899	58.5	195
257	Tunable Aryl Alkyl Ionic Liquids with Weakly Coordinating Tetrakis((1,1,1,3,3,3-hexafluoropropan-2-yl)oxy)borate [B(hfip) ₄] Anions. <i>Chemistry - A European Journal</i> , 2016 , 22, 10044-9	4.8	13
256	Synthesis, Characterization, and Electrochemical Investigation of Li[O ₂ P(OCH ₂ CF ₃) ₂] and Li[O ₂ P{OC(H)(CF ₃) ₂] ₂] and Use of the Former for Coordination-Polymer-Based Gel Electrolytes. <i>ChemElectroChem</i> , 2016 , 3, 774-782	4.3	4
255	Coordination Chemistry of Diiodine and Implications for the Oxidation Capacity of the Synergistic Ag ⁺ /X ₂ (X=Cl, Br, I) System. <i>Angewandte Chemie</i> , 2016 , 128, 9408-9412	3.6	7
254	Homoleptic Gold Acetonitrile Complexes with Medium to Very Weakly Coordinating Counterions: Effect on Auophilicity?. <i>Chemistry - A European Journal</i> , 2016 , 22, 15085-15094	4.8	25
253	Superacidity of closo-dodecaborate-based Brønsted acids: a DFT study. <i>Journal of Physical Chemistry A</i> , 2015 , 119, 735-43	2.8	35

252	: enhanced modelling and refinement of disordered structures with. <i>Journal of Applied Crystallography</i> , 2015 , 48, 933-938	3.8	96
251	Effect of Dimethyl Carbonate on the Dynamic Properties and Ionicities of Ionic Liquids with [M(III)(hfp) ₄] ⁻ (M=B, Al) Anions. <i>ChemPhysChem</i> , 2015 , 16, 1940-7	3.2	9
250	Fluoro- and perfluoroalkylsulfonylpentafluoroanilides: synthesis and characterization of NH acids for weakly coordinating anions and their gas-phase and solution acidities. <i>Chemistry - A European Journal</i> , 2015 , 21, 5769-82	4.8	17
249	Absolute Brønsted Acidities and pH Scales in Ionic Liquids. <i>ChemPhysChem</i> , 2015 , 16, 1428-39	3.2	22
248	In silico prediction of linear free energy relationship descriptors of neutral and ionic compounds. <i>RSC Advances</i> , 2015 , 5, 80634-80642	3.7	19
247	Cationic cluster formation versus disproportionation of low-valent indium and gallium complexes of 2,2'-bipyridine. <i>Nature Communications</i> , 2015 , 6, 8288	17.4	40
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