

# GaÅiper TavÄar

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2342606/publications.pdf>

Version: 2024-02-01

38  
papers

875  
citations

567281

15  
h-index

477307

29  
g-index

40  
all docs

40  
docs citations

40  
times ranked

1391  
citing authors

#	ARTICLE	IF	CITATIONS
1	Crystal structure, lattice dynamics and superexchange in $\text{MAgF}_3$ 1D antiferromagnets ( $M = \text{Tj, ET, Qq}$ ). <i>CrystEngComm</i> , 2022, 24, 1068-1077.	1.0784314	2
2	Discrete Organofluoroaluminate Anions: Synthetic, Structural, and Spectroscopic Aspects. <i>Organometallics</i> , 2022, 41, 41-51.	2.3	2
3	Renewable Reagent for Nucleophilic Fluorination. <i>Journal of Organic Chemistry</i> , 2022, 87, 5987-5993.	3.2	6
4	Synthesis and characterization of partially substituted NHC supported alane adducts using triflate or chloride salts. <i>Polyhedron</i> , 2021, 196, 115009.	2.2	6
5	Coordination of a Neutral Ligand to a Metal Center of Oxohalido Anions: Fact or Fiction?. <i>Inorganic Chemistry</i> , 2021, 60, 11932-11947.	4.0	1
6	Influence of Anodization-Electrolyte Aging on the Photocatalytic Activity of $\text{TiO}_2$ Nanotube Arrays. <i>Journal of Physical Chemistry C</i> , 2020, 124, 4073-4080.	3.1	17
7	Surprisingly high fluorine content in some exotic superfoods. <i>Journal of Fluorine Chemistry</i> , 2020, 234, 109521.	1.7	6
8	Fluorine in vegetation due to an uncontrolled release of gaseous fluorides from a glassworks: A case study of measurement uncertainty, dispersion pattern and compliance with regulation. <i>Environmental Pollution</i> , 2019, 248, 958-964.	7.5	16
9	The peculiar case of conformations in coordination compounds of group V pentahalides with N-heterocyclic carbene and synthesis of their imidazolium salts. <i>Journal of Fluorine Chemistry</i> , 2019, 227, 109373.	1.7	4
10	Measurement uncertainty evaluation and traceability assurance for total fluorine determination in vegetation by fluoride ion selective electrode. <i>Journal of Fluorine Chemistry</i> , 2019, 217, 22-28.	1.7	13
11	Reactivity of $\text{VOF}_3$ with N-Heterocyclic Carbene and Imidazolium Fluoride: Analysis of Ligand- $\text{VOF}_3$ Bonding with Evidence of a Minute $\pi$ Back-Donation of Fluoride. <i>Inorganic Chemistry</i> , 2018, 57, 13866-13879.	4.0	14
12	Small molecule activation: $\text{SbF}_3$ auto-ionization supported by transfer and mesoionic NHC rearrangement. <i>Dalton Transactions</i> , 2017, 46, 3338-3346.	3.3	19
13	Discrete $\text{GeF}_5^+$ Anion Structurally Characterized with a Readily Synthesized Imidazolium Based Naked Fluoride Reagent. <i>Inorganic Chemistry</i> , 2017, 56, 10070-10077.	4.0	12
14	Domain-wall conduction in ferroelectric $\text{BiFeO}_3$ controlled by accumulation of charged defects. <i>Nature Materials</i> , 2017, 16, 322-327.	27.5	288
15	One dimensional group 12 metal undecafluoridoditantalates. <i>Journal of Fluorine Chemistry</i> , 2016, 189, 33-38.	1.7	6
16	Reaction of N-heterocyclic carbene (NHC) with different HF sources and ratios – A free fluoride reagent based on imidazolium fluoride. <i>Journal of Fluorine Chemistry</i> , 2016, 192, 141-146.	1.7	21
17	Stress syndrome response of nettle ( <i>Urtica dioica</i> L.) grown in fluoride contaminated substrate to fluoride and fluorine accumulation pattern. <i>Journal of Fluorine Chemistry</i> , 2015, 172, 7-12.	1.7	20
18	Influence of solvent chemistry on $^1\text{H}$ NMR spectral and relaxation properties of a long-chain ionic surfactant in chloroform-d. <i>Colloid and Polymer Science</i> , 2015, 293, 1409-1423.	2.1	3

#	ARTICLE	IF	CITATIONS
19	Crystal structure determination of Pb <sub>2</sub> F <sub>2</sub> (HF)(SbF <sub>6</sub> ) <sub>2</sub> , PbFSbF <sub>6</sub> and Ba(HF)(AF <sub>6</sub> ) <sub>2</sub> : (A=As, Sb). Journal of Fluorine Chemistry, 2015, 175, 18-21.	1.7	6
20	XeF <sub>2</sub> as a ligand to a metal center, an interesting field of noble gas chemistry. Journal of Fluorine Chemistry, 2015, 174, 14-21.	1.7	16
21	[Li(XeF <sub>2</sub> ) <sub>2</sub> ] <sup>+</sup> (AF <sub>6</sub> ) <sup>-</sup> (A = P, As, Ru, Ir), the First Xenon(II) Compounds of Lithium. Synthesis, Raman Spectrum, and Crystal Structure of [Li(XeF <sub>2</sub> ) <sub>2</sub> ] <sub>3</sub> (AsF <sub>6</sub> ) <sub>6</sub> . Inorganic Chemistry, 2013, 52, 4319-4323.	4.0	9
22	Fluoride in teas of different types and forms and the exposure of humans to fluoride with tea and diet. Food Chemistry, 2012, 130, 286-290.	8.2	61
23	Crystal structures of mixed oxonium-cadmium(II) salts with [SbF <sub>6</sub> ] <sup>-</sup> /[Sb <sub>2</sub> F <sub>11</sub> ] <sup>-</sup> anions: From complex chains to layers and three-dimensional frameworks. Inorganica Chimica Acta, 2011, 377, 69-76.	2.4	8
24	Effects of airborne fluoride on soil and vegetation. Journal of Fluorine Chemistry, 2011, 132, 755-759.	1.7	34
25	XeF <sub>4</sub> as a Ligand for a Metal Ion. Angewandte Chemie - International Edition, 2009, 48, 1432-1434.	13.8	26
26	Recent developments in the preparation of high surface area metal fluorides. Journal of Fluorine Chemistry, 2009, 130, 1086-1092.	1.7	26
27	Syntheses, crystal structures and Raman spectra of Ba(BF <sub>4</sub> )(PF <sub>6</sub> ), Ba(BF <sub>4</sub> )(AsF <sub>6</sub> ) and Ba <sub>2</sub> (BF <sub>4</sub> ) <sub>2</sub> (AsF <sub>6</sub> )(H <sub>3</sub> F <sub>4</sub> ); the first examples of metal salts containing simultaneously tetrahedral BF <sub>4</sub> <sup>-</sup> and octahedral AF <sub>6</sub> <sup>-</sup> anions. Journal of Solid State Chemistry, 2009, 182, 2897-2903.	2.9	10
28	Neutral Penta- and Hexacoordinate N-Heterocyclic Carbene Complexes Derived from SiX <sub>4</sub> (X = F, Br). Organometallics, 2009, 28, 6374-6377.	2.3	59
29	Weak ferromagnetism and ferroelectricity in K <sub>3</sub> Fe <sub>5</sub> F <sub>15</sub> . Journal of Applied Physics, 2008, 103, .	2.5	28
30	Metal(II) Hexafluorophosphates(V) (M = Sr, Pb) Containing XeF <sub>2</sub> -Coordinated Metal Ions [M(XeF <sub>2</sub> ) <sub>3</sub> ](PF <sub>6</sub> ) <sub>2</sub> , [Pb <sub>3</sub> (XeF <sub>2</sub> ) <sub>11</sub> ](PF <sub>6</sub> ) <sub>6</sub> , and [Sr <sub>3</sub> (XeF <sub>2</sub> ) <sub>10</sub> ](PF <sub>6</sub> ) <sub>6</sub> . Inorganic Chemistry, 2007, 46, 5276-5282.	4.0	13
31	Strontium tetrafluoridoborate and barium tetrafluoridoborate. Acta Crystallographica Section C: Crystal Structure Communications, 2007, 63, i75-i76.	0.4	5
32	Coordination of XeF <sub>2</sub> to Calcium and Cadmium Hexafluorophosphates(V). Inorganic Chemistry, 2006, 45, 1038-1042.	4.0	23
33	Homoleptic [M(XeF <sub>2</sub> ) <sub>6</sub> ] <sup>2+</sup> cations of copper(II) and zinc(II) – Syntheses and crystal structures of [M(XeF <sub>2</sub> ) <sub>6</sub> ](SbF <sub>6</sub> ) <sub>2</sub> (M=Cu, Zn). Journal of Fluorine Chemistry, 2006, 127, 1368-1373.	1.7	19
34	Synthesis and transformations of new dihydro- $\beta$ -campholenolactone derivatives. Tetrahedron: Asymmetry, 2006, 17, 1715-1727.	1.8	9
35	Alkaline earth metal poly(hydrogen fluorides) hexafluoroarsenates(V) and hexafluorophosphate(V): M <sub>2</sub> (H <sub>2</sub> F <sub>3</sub> )(HF <sub>2</sub> ) <sub>2</sub> (AF <sub>6</sub> ) (M=Ca, A=As; M=Sr, A=As, P). Journal of Fluorine Chemistry, 2005, 126, 1088-1094.	1.7	10
36	XeF <sub>2</sub> as a Ligand in a Coordination Compound with the BF <sub>4</sub> <sup>-</sup> Anion.. ChemInform, 2005, 36, no.	0.0	0

#	ARTICLE	IF	CITATIONS
37	XeF <sub>2</sub> as a Ligand in a Coordination Compound with the BF <sub>4</sub> -Anion. <i>Inorganic Chemistry</i> , 2005, 44, 1525-1529.	4.0	22
38	New Coordination Compounds of Cd(AsF <sub>6</sub> ) <sub>2</sub> with HF and XeF <sub>2</sub> . <i>Inorganic Chemistry</i> , 2004, 43, 1452-1457.	4.0	31