

Ali ouasri

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.

54
papers

591
citations

15
h-index

21
g-index

56
ext. papers

684
ext. citations

2.7
avg, IF

3.78
L-index

#	Paper	IF	Citations
54	Structural characterisation, Hirshfeld surfaces, DSC, periodic DFT modeling, vibrational and optical study of heptylenediammonium pentachlorobismuthate $\text{H}_3\text{N}(\text{CH}_2)_7\text{NH}_3\text{BiCl}_5$. <i>Journal of Solid State Chemistry</i> , 2022 , 306, 122805	3.3	0
53	Crystal structure, powder X-Ray diffraction, Hirshfeld, thermal, Infrared-Raman studies, and symmetry analysis of the relationship between the novel tetragonal $[(\text{CH}_3)_4\text{N}]_2\text{SiF}_6$ and the cubic $\text{Fm}\bar{3}\text{m}$ antifluorite structure. <i>Journal of Molecular Structure</i> , 2022 , 1248, 131455	3.4	4
52	A new organic-inorganic hybrid compound based on sulfate: Structural characterization, DFT study, Hirshfeld analysis, and electrical, vibrational and thermal properties. <i>Journal of Physics and Chemistry of Solids</i> , 2022 , 165, 110654	3.9	
51	Investigation of catalytic performance of Bis [hydrazinium (1+)] hexafluoridosilicate: $(\text{N}_2\text{H}_5)_2\text{SiF}_6$ in synthesis of 2,4,5-triaryl-1H-imidazoles and 2,3-dihydroquinazolin-4 (1H)-ones under Green conditions. <i>Inorganica Chimica Acta</i> , 2022 , 536, 120915	2.7	0
50	Crystal structure, Hirshfeld surfaces and vibrational studies of tetrachlorocobaltate hybrid perovskite salts $\text{NH}_3(\text{CH}_2)_n\text{NH}_3\text{CoCl}_4$ ($n=4, 9$). <i>Journal of Molecular Structure</i> , 2021 , 131997	3.4	0
49	Raman-Infrared spectroscopy, thermal behaviour, dielectric, and UV-fluorescence studies of $[\text{C}_6\text{H}_5\text{NH}_3]_3\text{BiCl}_6\cdot\text{H}_2\text{O}$. <i>Solid State Communications</i> , 2021 , 340, 114541	1.6	2
48	Bis [hydrazinium (1+)] hexafluoridosilicate: $(\text{N}_2\text{H}_5)_2\text{SiF}_6$ novel hybrid crystal as an efficient, reusable and environmentally friendly heterogeneous catalyst for Knoevenagel condensation and synthesis of biscoumarin derivatives. <i>Journal of Molecular Structure</i> , 2021 , 1230, 129890	3.4	5
47	Structural, Vibrational, Thermal, Phase Transitions, and Properties Review of Alkylammonium, Alkylenediammonium, and Aminoacid Hexafluorosilicate Salts. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2021 , 47, 502-517	1.6	2
46	DFT computation, Hirshfeld surfaces analysis, non-linear optical and spectroscopic investigations of a novel non-centrosymmetric organic inorganic hybrid material $[(\text{CH}_3\text{CH}_2)_4\text{N}]\text{HSeO}_4(\text{H}_2\text{SeO}_4)_2$. <i>Journal of Solid State Chemistry</i> , 2021 , 299, 122134	3.3	2
45	Chemical preparation, crystal structure reinvestigation, and vibrational study of meta-carboxyphenyl ammonium dihydrogenomonophosphate $(\text{C}_7\text{H}_4\text{NH}_3\text{OOH})\text{H}_2\text{PO}_4$ (m-C AMP). <i>Molecular Crystals and Liquid Crystals</i> , 2021 , 714, 14-25	0.5	3
44	X-ray, Hirshfeld surfaces analyses, DSC-TGA thermal stability, infrared, and optical properties studies of phenylammonium tetrachlorozincate hydrate $(\text{C}_6\text{H}_5\text{NH}_3)_2\text{ZnCl}_4\cdot\text{H}_2\text{O}$. <i>Journal of Solid State Chemistry</i> , 2021 , 300, 122280	3.3	2
43	Synthesis, crystal structure, IR spectroscopy, and DFT computation of the new variety of 2-carboxyanilinium dihydrogen phosphate $(\text{C}_7\text{H}_8\text{NO}_2^+ \cdot \text{H}_2\text{PO}_4^-)$. <i>Journal of Molecular Structure</i> , 2021 , 1242, 130707	3.4	
42	Crystal structure, Hirshfeld surfaces analysis, infrared-raman, and UV spectra of octylenediammonium pentachlorobismuthate $\text{NH}_3(\text{CH}_2)_8\text{NH}_3\text{BiCl}_5$. <i>Journal of Molecular Structure</i> , 2021 , 1241, 130641	3.4	3
41	Synthesis, molecular structure, vibrational studies, optical properties and electrical conduction mechanism of the new hybrid compound based on selenate. <i>Journal of Saudi Chemical Society</i> , 2020 , 24, 996-1009	4.3	3
40	Disordered structures, vibrational spectroscopy, thermal behavior, and electrical properties of two new tetrachlorometallates complexes $[(\text{CH}_3\text{CH}_2\text{CH}_2)_4\text{N}]_2\text{MIICl}_4$ with $\text{MII}=\text{Co}$ and Mn . <i>Journal of Saudi Chemical Society</i> , 2020 , 24, 567-583	4.3	4
39	Crystal structure, DSC, TGA and electrical studies of Bis (1,12-dodecamethylenediammonium hexachlorobismuthate chloride dihydrate $(\text{C}_{12}\text{H}_{30}\text{N}_2)_2\text{BiCl}_6\cdot\text{Cl}_2\cdot\text{H}_2\text{O}$. <i>Journal of Molecular Structure</i> , 2020 , 1207, 127806	3.4	7
38	$\text{NH}_3(\text{CH}_2)_5\text{NH}_3\text{BiCl}_5$ as a new hybrid and efficient catalyst for the synthesis of 1-(benzothiazolylamino)methyl-2-naphthol derivatives under solvent-free conditions. <i>Journal of Molecular Structure</i> , 2020 , 1202, 127308	3.4	10

37	Synthesis, crystal structure, IR, Raman-spectroscopy and DFT computation of monostrontium phosphate monohydrate, $\text{Sr}(\text{H}_2\text{PO}_4)_2 \cdot \text{H}_2\text{O}$. <i>Journal of Coordination Chemistry</i> , 2020 , 73, 2328-2346	1.6	5
36	Crystal structure, DSC, TGA, Hirshfeld and infrared study at ambient temperature of phenylammonium hexachlorobismuthate trihydrate $[\text{C}_6\text{H}_5\text{NH}_3]^+ \text{BiCl}_6^- \cdot 3\text{H}_2\text{O}$. <i>Journal of Molecular Structure</i> , 2019 , 1188, 110-120	3.4	8
35	Structural and vibrational study of titanium Monophosphates $\text{Na}_0.5\text{M}_0.25\text{Ti}_2(\text{PO}_4)_3$ ($\text{M} = \text{Mn, Ni}$). <i>Mediterranean Journal of Chemistry</i> , 2019 , 9, 355-362	1.8	5
34	Vibrational study and thermal behavior of dihydrogenotriphosphate trihydrate of 4-aminobenzoic acid and its anhydrous new form fertilizer type NP. <i>Mediterranean Journal of Chemistry</i> , 2019 , 8, 270-282	1.8	2
33	Crystal structure and Hirshfeld surface analysis of bis-[hydrazinium(1+)] hexa-fluorido-silicate: $(\text{NH})\text{SiF}_6$. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019 , 75, 1507-1510	0.7	1
32	X-ray structures, solid state periodic DFT modeling and vibrational study of alkylidendiammonium hexachlorostannates compounds $\text{NH}_3(\text{CH}_2)_n\text{NH}_3\text{SnCl}_6$ ($n = 3, 4, 5$). <i>Journal of Molecular Structure</i> , 2019 , 1177, 55-67	3.4	4
31	Structural and vibrational study of diphenylhydrazine dihydrogenophosphate single crystal (C 6 H 9 N 2) 2 H 2 P 2 O 7 (DPHDP). <i>Chemical Data Collections</i> , 2018 , 13-14, 73-83	2.1	2
30	TGA, Hirshfeld, Raman spectroscopy and computational studies of diethylammonium hexachloroplumbate $[(\text{C}_2\text{H}_5)_2\text{NH}_2]^+ \text{PbCl}_6^-$. <i>Journal of Molecular Structure</i> , 2018 , 1157, 621-630	3.4	4
29	Structural, vibrational and electrical studies of tetramethylammonium trichloromercurate $[(\text{CH}_3)_4\text{N}]^+ \text{HgCl}_3^-$. <i>Journal of Molecular Structure</i> , 2018 , 1173, 865-875	3.4	8
28	$\text{NH}_3(\text{CH}_2)_5\text{NH}_3\text{BiCl}_5$: an efficient and recyclable catalyst for the synthesis of benzoxazole, benzimidazole and benzothiazole heterocycles. <i>Journal of the Iranian Chemical Society</i> , 2018 , 15, 2781-2787	2.1	6
27	Crystal structure, Hirshfeld and vibrational study at ambient temperature of propylammonium pentachlorobismuthate [n -C 3 H 7 NH 3] 2 BiCl 5 (III). <i>Journal of Molecular Structure</i> , 2017 , 1142, 275-284	3.4	9
26	A study of Moroccan pupils difficulties at second Baccalaureat year in solving chemistry problems relating to the reactivity of ethanoate ions and to copper-aluminium cells. <i>Chemistry Education Research and Practice</i> , 2017 , 18, 737-748	2.1	2
25	Solid state DFT modeling and vibrational characterisation of butylenediammonium and hexylenediammonium hexafluorosilicate, $\text{NH}_3(\text{CH}_2)_n\text{NH}_3\text{SiF}_6$ ($n = 4$ and 6). <i>Vibrational Spectroscopy</i> , 2017 , 88, 83-93	2.1	8
24	The Crystal Structure of Bis(diethylammonium) Hexachloridoplumbate(IV) Derived From Powder Diffraction Data and its Relation to Structurally Related Hexachloridometallate Salts. <i>Journal of Chemical Crystallography</i> , 2017 , 47, 173-181	0.5	2
23	$\text{NH}_3(\text{CH}_2)_6\text{NH}_3\text{SiF}_6$ catalyzed highly efficient synthesis of benzimidazoles, benzoxazoles, benzothiazoles, quinoxalines and pyrimidin-2-ones/thiones. <i>French-Ukrainian Journal of Chemistry</i> , 2017 , 5, 60-71	0.3	8
22	Hybrid crystal $\text{NH}_3(\text{CH}_2)_4\text{NH}_3\text{SiF}_6$ as an efficient catalyst for the synthesis of benzoxazoles, benzimidazoles and benzothiazoles under solvent-free conditions. <i>Green Chemistry Letters and Reviews</i> , 2016 , 9, 223-228	4.7	14
21	Hexane-1,6-di-ammonium hexa-fluoro-silicate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014 , 70, o92-3	9	
20	Butane-1,4-di-ammonium hexa-fluoro-silicate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014 , 70, o174	6	

19	Structures and phases transition in hexylenediammonium pentachlorobismuthate (III) [NH ₃ (CH ₂) ₆ NH ₃]BiCl ₅ crystal. <i>Journal of Solid State Chemistry</i> , 2013 , 200, 22-29	3.3	25
18	catena-Poly[heptyl-enedi-ammonium [[tetra-chloridobismuthate(III)]- \AA chlorido]]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, m437		11
17	X-ray, thermal and vibrational studies of two structural phases transition in hexylenediammonium pentachlorobismuthate (III) [NH ₃ (CH ₂) ₆ NH ₃]BiCl ₅ . <i>Journal of Molecular Structure</i> , 2012 , 1028, 79-87	3.4	17
16	Crystal structure and vibrational studies of butylenediammonium pentachlorobismuthate (III) hydrate [NH ₃ (CH ₂) ₄ NH ₃]BiCl ₅ ?H ₂ O. <i>Journal of Molecular Structure</i> , 2011 , 990, 95-101	3.4	40
15	Experimental and theoretical studies of monoalkylammonium hexafluorosilicate [CH ₃ (CH ₂) _n NH ₃] ₂ SiF ₆ ($n = 2, 3$) and ethylammonium hexafluorosilicate [(C ₂ H ₅) ₂ NH ₂] ₂ SiF ₆ . <i>Vibrational Spectroscopy</i> , 2007 , 44, 94-100	2.1	20
14	Thermal and vibrational studies of propylenediammonium hexachlorobismuthate dihydrate, [NH ₃ (CH ₂) ₃ NH ₃] ₃ (BiCl ₆) ₂ ?H ₂ O. <i>Journal of Raman Spectroscopy</i> , 2005 , 36, 791-796	2.3	24
13	Structural phase transition in [NH ₃ (CH ₂) ₅ NH ₃]BiCl ₅ : thermal and vibrational studies. <i>Journal of Raman Spectroscopy</i> , 2005 , 36, 1023-1028	2.3	30
12	Differential scanning calorimetric and Raman studies of a phase transition in [C ₃ H ₇ NH ₃] ₂ SiF ₆ . <i>Journal of Raman Spectroscopy</i> , 2004 , 35, 261-265	2.3	11
11	Vibrational spectroscopic study of alkylenediammonium hexachlorostannate compounds, NH ₃ (CH ₂) _n NH ₃ SnCl ₆ ($n = 3$ and 4). <i>Journal of Raman Spectroscopy</i> , 2004 , 35, 1056-1062	2.3	21
10	Structural phase transitions in [C ₆ H ₅ NH ₃] ₂ SiF ₆ : differential scanning calorimetry and Raman studies. <i>Journal of Raman Spectroscopy</i> , 2003 , 34, 399-403	2.3	15
9	Structural phase transition in (n-C ₄ H ₉ NH ₃) ₂ SiF ₆ : DSC and Raman studies. <i>Journal of Raman Spectroscopy</i> , 2003 , 34, 126-130	2.3	21
8	Theoretical and experimental vibrational analysis of [C ₆ H ₅ NH ₃] ₂ SiF ₆ . <i>Vibrational Spectroscopy</i> , 2003 , 33, 21-30	2.1	28
7	The infrared and Raman spectra of ethylammonium hexafluorosilicate [C ₂ H ₅ NH ₃] ₂ SiF ₆ . <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2003 , 59, 357-62	4.4	28
6	Structure and vibrational study of the trimethylammonium hexafluorosilicate [(CH ₃) ₃ NH] ₂ SiF ₆ compound. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2003 , 59, 851-7	4.4	17
5	Infrared and Dielectric Studies of [(C ₂ H ₅) ₄ N] ₂ SiF ₆ . <i>Phase Transitions</i> , 2003 , 76, 701-709	1.3	17
4	Structural phase transitions in [(C ₂ H ₅) ₄ N] ₂ SiF ₆ : differential scanning calorimetry and Raman studies. <i>Journal of Raman Spectroscopy</i> , 2002 , 33, 715-719	2.3	10
3	Structural and vibrational study of hydrazinium hexafluorosilicate. <i>Journal of Raman Spectroscopy</i> , 2002 , 33, 726-729	2.3	18
2	Vibrational study of (CH ₃) ₄ NSbCl ₆ and [(CH ₃) ₄ N] ₂ SiF ₆ . <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2002 , 58, 2779-88	4.4	48

- 1 Synthesis, DTA, IR and Raman spectra of pentylenediammonium hexachlorostannate
NH₃(CH₂)₅NH₃SnCl₆. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2001**, 57, 2593-8 4.4 40