

# David Havlák-Äek

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6632646/publications.pdf>

Version: 2024-02-01

43  
papers

422  
citations

840585

11  
h-index

752573

20  
g-index

44  
all docs

44  
docs citations

44  
times ranked

609  
citing authors

#	ARTICLE	IF	CITATIONS
1	Facile Conversion of Electrospun TiO <sub>2</sub> into Titanium Nitride/Oxynitride Fibers. <i>Chemistry of Materials</i> , 2010, 22, 4045-4055.	3.2	104
2	Sol-gel Titanium Dioxide Blocking Layers for Dye-sensitized Solar Cells: Electrochemical Characterization. <i>ChemPhysChem</i> , 2014, 15, 1056-1061.	1.0	38
3	Preparation, crystal structure, vibrational spectra and thermal behaviour of piperazinium(2+) selenite monohydrate and piperazinium(2+) diselenite. <i>Journal of Molecular Structure</i> , 2002, 606, 101-116.	1.8	34
4	The Crystal Structure, Vibrational Spectra, and Thermal Behavior of Piperazinium(2+) Selenate Monohydrate and N,N-Dimethylpiperazinium(2+) Selenate Dihydrate. <i>Journal of Solid State Chemistry</i> , 2000, 150, 305-315.	1.4	31
5	Crystallization and characterization of the compounds Gly·MSO <sub>4</sub> ·mH <sub>2</sub> O (M = Mg <sup>2+</sup> , Mn <sup>2+</sup> , Fe <sup>2+</sup> , Co <sup>2+</sup> ), Tj ETQ <sub>01</sub> 1 0.784314 rgB	1.8	22
6	The crystal structure, vibrational spectra, and thermal behavior of dilithium piperazinium(2+) selenate tetrahydrate and dilithium N,N-dimethylpiperazinium(2+) selenate tetrahydrate. <i>Journal of Solid State Chemistry</i> , 2003, 170, 308-319.	1.4	18
7	Structural and spectral characterization of the compounds nGly·ZnCl <sub>2</sub> ·mH <sub>2</sub> O (n= 1,2,3; m= 0,2). <i>Journal of Molecular Structure</i> , 2009, 918, 55-63.	1.8	17
8	S-( $\alpha$ )-1-phenyl ethyl ammonium(1+) sulphate and S-( $\alpha$ )-1-phenyl ethyl ammonium(1+) hydrogen phosphate 2.5 hydrate, preparation and characterization of crystallographic, optical and dielectric properties. <i>Journal of Molecular Structure</i> , 2010, 980, 31-38.	1.8	15
9	The chemical and mineralogical composition of the water-soluble fraction of power-plant ash and its effect on the process of crystallization of water. <i>Atmospheric Environment Part A General Topics</i> , 1993, 27, 655-660.	1.3	14
10	Calcium selenites. <i>Collection of Czechoslovak Chemical Communications</i> , 1981, 46, 1740-1747.	1.0	11
11	Crystal Structure, Thermoanalytical Properties and Infrared Spectra of Double Magnesium Selenates. <i>Collection of Czechoslovak Chemical Communications</i> , 1996, 61, 1295-1306.	1.0	11
12	Combination of phosphonium and ammonium pendant groups in cationic conjugated polyelectrolytes based on regioregular poly(3-hexylthiophene) polymer chains. <i>European Polymer Journal</i> , 2018, 100, 200-208.	2.6	11
13	Lithium and Ammonium Selenates. <i>Collection of Czechoslovak Chemical Communications</i> , 1995, 60, 969-976.	1.0	10
14	New zinc-glycine-iodide complexes as a product of equilibrium and non-equilibrium crystallization in the Gly · ZnI <sub>2</sub> · H <sub>2</sub> O system. <i>Journal of Molecular Structure</i> , 2016, 1120, 42-49.	1.8	9
15	Content of quartz and mullite in some selected power-plant fly ash in Czechoslovakia. <i>Atmospheric Environment</i> , 1989, 23, 701-706.	1.1	8
16	A mixture of nitrogen dioxide and oxygen as a Lux acid in nitrate melts. <i>Electrochimica Acta</i> , 1983, 28, 1761-1766.	2.6	7
17	Preparation, Crystal Structure, Vibrational Spectra, and Thermal Behavior of N,N-Dimethylpiperazinium(2+) Hydrogen Selenite. <i>Journal of Solid State Chemistry</i> , 2001, 161, 312-318.	1.4	7
18	Strontium and barium selenites. Synthesis and some properties. <i>Collection of Czechoslovak Chemical Communications</i> , 1982, 47, 1923-1930.	1.0	6

#	ARTICLE	IF	CITATIONS
19	Preparation, crystal structure, vibrational spectra and thermal behavior of selenites of ethylene diamine, 1,3-propylene diamine and 1,4-butylene diamine. <i>Journal of Solid State Chemistry</i> , 2003, 170, 390-403.	1.4	6
20	1,4-diazabicyclo[2.2.2]octane-1,4-dium dihydrogen phosphate monohydrate from X-ray and neutron data. <i>Zeitschrift für Kristallographie</i> , 2009, 224, .	1.1	5
21	Synthesis and characterization of metallo-supramolecular polymers from thiophene-based unimers bearing pybox ligands. <i>RSC Advances</i> , 2017, 7, 10718-10728.	1.7	5
22	Chemical and mineralogical composition of solid fraction of ambient aerosol at different levels (Kopisty near Most, NW Bohemia). <i>Atmospheric Environment</i> , 2000, 34, 3237-3244.	1.9	4
23	Anilinium dihydrogen phosphate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2012, 68, o57-o60.	0.4	4
24	Cesium and Cesium-Lithium Selenates. <i>Collection of Czechoslovak Chemical Communications</i> , 2000, 65, 167-178.	1.0	3
25	Dihydrogen Phosphate and Hydrogen Sulphate of 1,4-Dimethyl-1,4-diazabicyclo[2.2.2]octane-1,4-dium: Crystal Structures, Hydrogen Bonding and Infrared Spectra. <i>Journal of Chemical Crystallography</i> , 2011, 41, 1539-1546.	0.5	3
26	Vibrational Spectroscopic and X-Ray Single Crystal Diffraction Investigation of Tetra-n-Alkylammonium Hydrogen Selenates. <i>Journal of Chemical Crystallography</i> , 2017, 47, 59-68.	0.5	3
27	Synthesis and Catalytic Properties of Polymer-Immobilized Nanoparticles of Cobalt and Nickel. <i>Catalysis in Industry</i> , 2018, 10, 270-278.	0.3	3
28	New comprehensive approach for airborne asbestos characterisation and monitoring. <i>Environmental Science and Pollution Research</i> , 2018, 25, 30488-30496.	2.7	3
29	Preparation, Solubility, Infrared Spectra and Radiolysis of Tetramethylammonium Hydrogenselenate Monohydrate and Lithium Tetramethylammonium Selenate Tetrahydrate. <i>Collection of Czechoslovak Chemical Communications</i> , 2006, 71, 411-422.	1.0	2
30	Preparation of quaternary pyridinium salts as possible proton conductors. <i>Chemical Papers</i> , 2015, 69, .	1.0	2
31	Synthesis, Characterization, and Catalytic Properties of Metal-Polymer Complexes Based on Copolymers of Polyethylene(propylene) Glycol Maleates with Acrylic Acid. <i>Russian Journal of Applied Chemistry</i> , 2019, 92, 1-8.	0.1	2
32	The acid-base reactions of mixtures of nitrogen dioxide and oxygen with polyacid lux bases. <i>Electrochimica Acta</i> , 1984, 29, 1695-1700.	2.6	1
33	Solid phases in the systems glycine-ZnX <sub>2</sub> -H <sub>2</sub> O (X=Cl <sup>-</sup> , Br <sup>-</sup> , I <sup>-</sup> ) at 25°C. <i>Monatshefte für Chemie</i> , 2018, 149, 299-311.	0.9	1
34	Formation of salts of heteropolyacids in nitrate melts. <i>Collection of Czechoslovak Chemical Communications</i> , 1985, 50, 317-328.	1.0	1
35	A study of copper leaching from the tailings of the Karagaily (Republic of Kazakhstan) concentrating factory using an electric hydropulse discharge. <i>Journal of the Serbian Chemical Society</i> , 2022, 87, 925-937.	0.4	1
36	Calculation of the solubility curves in ternary salt systems with compound formation. <i>Electrochimica Acta</i> , 1986, 31, 1609-1616.	2.6	0

#	ARTICLE	IF	CITATIONS
37	Synthesis and radical copolymerization of 2-((4-(isocyanophenyl)diazanyl)phenoxy)ethylacrylate with maleic anhydride. <i>Polymers for Advanced Technologies</i> , 2021, 32, 2753-2760.	1.6	0
38	Acid phosphates of 1-(1-naphthyl)ethylamine – importance of symmetry relation between enantiomers. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2008, 64, C481-C481.	0.3	0
39	Mineralogical composition of atmospheric dust in Pilsen studied by X-ray powder diffraction. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2012, 68, s191-s191.	0.3	0
40	Extraction of copper from the waste of the Karagayly concentrator under the action of an electric hydro-pulse discharge depending on the pH of the medium in the cell. <i>Bulletin of the Karaganda University Chemistry Series</i> , 2019, 93, 96-99.	0.2	0
41	MOLECULAR STRUCTURE AND QUANTUM CHEMICAL CALCULATIONS 4-ETHYL-5-(2-HYDROXYPHENYL)-1,2,4-TRIAZOL-3-THIONE. <i>Series Chemistry and Technology</i> , 2019, 6, 21-29.	0.1	0
42	Antiradical activity and bioprediction of o- and p-hydroxybenzoic acid hydrazide derivatives. <i>Bulletin of the Karaganda University Chemistry Series</i> , 2020, 97, 35-42.	0.2	0
43	Possibility of enrichment of ore processing waste from Karagaily and Zheskazgan mining plants by dry separation method. <i>Bulletin of the Karaganda University Chemistry Series</i> , 2020, 97, 117-123.	0.2	0