

# Jan Svoboda

## List of Publications by Citations

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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.

61  
papers

546  
citations

13  
h-index

20  
g-index

67  
ext. papers

634  
ext. citations

4.4  
avg, IF

3.62  
L-index

#	Paper	IF	Citations
61	Synthesis and characterization of new calcium phenylphosphonates and 4-carboxyphenylphosphonates. <i>Inorganic Chemistry</i> , <b>2005</b> , 44, 9968-76	5.1	50
60	Synthesis and characterization of new zirconium 4-sulfophenylphosphonates. <i>Solid State Ionics</i> , <b>2010</b> , 181, 705-713	3.3	40
59	Effect of intercalation and chromophore arrangement on the linear and nonlinear optical properties of model aminopyridine push-pull molecules. <i>Journal of Materials Chemistry C</i> , <b>2016</b> , 4, 468-478	7.1	37
58	Lead Halide Residue as a Source of Light-Induced Reversible Defects in Hybrid Perovskite Layers and Solar Cells. <i>ACS Energy Letters</i> , <b>2019</b> , 4, 3011-3017	20.1	29
57	Intercalation chemistry of layered vanadyl phosphate: a review. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , <b>2012</b> , 73, 33-53		28
56	Synthesis and characterization of new strontium 4-carboxyphenylphosphonates. <i>Journal of Solid State Chemistry</i> , <b>2007</b> , 180, 929-939	3.3	26
55	New strontium phenylphosphonate: synthesis and characterization. <i>Solid State Sciences</i> , <b>2006</b> , 8, 1380-1385	3.5	25
54	Recent Advances in C-C and C-N Bond Forming Reactions Catalysed by Polystyrene-Supported Copper Complexes. <i>Molecules</i> , <b>2017</b> , 22,	4.8	20
53	Synthesis and characterization of new potential intercalation hosts Barium arylphosphonates. <i>Journal of Physics and Chemistry of Solids</i> , <b>2008</b> , 69, 1439-1443	3.9	20
52	Organization and intramolecular charge-transfer enhancement in tripodal tris[(pyridine-4-yl)phenyl]amine push-pull molecules by intercalation into layered materials bearing acidic functionalities. <i>Dalton Transactions</i> , <b>2014</b> , 43, 10462-70	4.3	18
51	Role of -Benzoquinone in the Synthesis of a Conducting Polymer, Polyaniline. <i>ACS Omega</i> , <b>2019</b> , 4, 7128-7139	3.9	16
50	Singlet fission in thin films of metallo-supramolecular polymers with ditopic thiophene-bridged terpyridine ligands. <i>Journal of Materials Chemistry C</i> , <b>2017</b> , 5, 8041-8051	7.1	13
49	New barium 4-carboxyphenylphosphonates: Synthesis, characterization and interconversions. <i>Solid State Sciences</i> , <b>2008</b> , 10, 1533-1542	3.4	13
48	Poly(2-oxazoline)s One-Pot Polymerization and Surface Coating: From Synthesis to Antifouling Properties Out-Performing Poly(ethylene oxide). <i>Biomacromolecules</i> , <b>2019</b> , 20, 3453-3463	6.9	12
47	Synthesis and characterization of copper 4-carboxyphenylphosphonates. <i>Journal of Solid State Chemistry</i> , <b>2009</b> , 182, 3155-3161	3.3	12
46	Intercalation chemistry of zirconium 4-sulfophenylphosphonate. <i>Journal of Solid State Chemistry</i> , <b>2013</b> , 208, 58-64	3.3	10
45	Intercalation of Dyes Containing SO <sub>3</sub> H Groups into ZnAl Layered Double Hydroxide. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , <b>2005</b> , 51, 97-101		10

44	Intercalation of Tartrazine Into ZnAl and MgAl Layered Double Hydroxides. <i>Collection of Czechoslovak Chemical Communications</i> , <b>2005</b> , 70, 259-268		9
43	Copper(II) complexes of 2-(pyridine-2-yl)imidazolidine-4-thione derivatives for asymmetric Henry reactions. <i>Tetrahedron: Asymmetry</i> , <b>2017</b> , 28, 791-796		8
42	Multifunctional polypyrrole@maghemite@silver composites: synthesis, physico-chemical characterization and antibacterial properties. <i>Chemical Papers</i> , <b>2018</b> , 72, 1789-1797	1.9	8
41	Intercalation behavior of calcium phenylphosphonate dihydrate CaC <sub>6</sub> H <sub>5</sub> PO <sub>3</sub> ·2H <sub>2</sub> O. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , <b>2010</b> , 66, 279-284		8
40	New layered functionalized titanium(IV) phenylphosphonates. <i>Journal of Physics and Chemistry of Solids</i> , <b>2012</b> , 73, 1452-1455	3.9	7
39	New copper aryl phosphonates with auxiliary nitrogen ligands. <i>CrystEngComm</i> , <b>2012</b> , 14, 3469	3.3	7
38	A Three-Dimensional Channel Supramolecular Architecture Based on 3-Amino-2-(4-dimethylaminophenyldiazenyl)-1-phenylbut-2-en-1-one and Aromatic Guests <i>Crystal Growth and Design</i> , <b>2010</b> , 10, 85-91	3.5	7
37	Geometry optimization of zirconium sulfophenylphosphonate layers by molecular simulation methods. <i>Journal of Molecular Modeling</i> , <b>2017</b> , 24, 10	2	7
36	Intercalation of 1,n-diols into strontium phenylphosphonate: how the shape of the host layers influences arrangement of the guest molecules. <i>Journal of Colloid and Interface Science</i> , <b>2015</b> , 460, 181-8	9.3	6
35	Conformation in Ultrathin Polymer Brush Coatings Resolved by Infrared Nanoscopy. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 4716-4720	7.8	6
34	Intercalates of Strontium Phenylphosphonate with Alcohols <i>Structure Analysis by Experimental and Molecular Modeling Methods. European Journal of Inorganic Chemistry</i> , <b>2015</b> , 2015, 1552-1561	2.3	6
33	Intercalation behavior of barium phenylphosphonate. <i>Journal of Physics and Chemistry of Solids</i> , <b>2010</b> , 71, 530-533	3.9	6
32	Intercalation of aminonaphthalenes into <i>Zirconium hydrogenphosphate. Journal of Physics and Chemistry of Solids</i> , <b>2007</b> , 68, 803-807	3.9	6
31	Preparation of ammonium intercalated vanadyl phosphate by redox intercalation and ion exchange. <i>Journal of Solid State Chemistry</i> , <b>2004</b> , 177, 1173-1178	3.3	6
30	Surface Design of Antifouling Vascular Constructs Bearing Biofunctional Peptides for Tissue Regeneration Applications. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	6
29	Strontium Methylphosphonate Trihydrate: An Example of a New Class of Host Materials for Intercalation Reactions <i>Synthesis, Structure and Intercalation Behavior. European Journal of Inorganic Chemistry</i> , <b>2011</b> , 2011, 850-859	2.3	5
28	Intercalation of 2-Naphthol-3,6-disulfonate, 9,10-Anthraquinone-2,6-disulfonate, and 9,10-Anthraquinone-2-sulfonate Anions into ZnAl Layered Double Hydroxide. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , <b>2005</b> , 53, 41-46		5
27	Hydrogen Bonding as a Tool to Control Chain Structure of PEDOT: Electrochemical Synthesis in the Presence of Different Electrolytes. <i>Macromolecules</i> , <b>2020</b> , 53, 2464-2473	5.5	4

26	Structural Arrangement of 4-[4-(Dimethylamino)phenylazo]pyridine PushPull Molecules in Acidic Layered Hosts Solved by Experimental and Calculation Methods. <i>European Journal of Inorganic Chemistry</i> , <b>2017</b> , 2017, 115-123	2.3	4
25	Formation of Layered Proton-Conducting Zirconium and Titanium Organophosphonates by Topotactic Reaction: Physicochemical Properties, Proton Dynamics, and Atomic-Resolution Structure. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 505-513	5.1	4
24	Antifouling fluoropolymer-coated nanomaterials for F MRI. <i>Chemical Communications</i> , <b>2021</b> , 57, 4718-4728	3.8	4
23	Peroxidase-like activity of magnetic poly(glycidyl methacrylate-co-ethylene dimethacrylate) particles. <i>Scientific Reports</i> , <b>2019</b> , 9, 1543	4.9	3
22	Alkaline-earth metal phenylphosphonates and their intercalation chemistry. <i>Dalton Transactions</i> , <b>2018</b> , 47, 2867-2880	4.3	3
21	Influence of 1,2-alkanediols on the structure of their intercalates with strontium phenylphosphonate solved by molecular simulation and experimental methods. <i>Journal of Molecular Modeling</i> , <b>2016</b> , 22, 143	2	3
20	Intercalation of esters into vanadyl phosphate. <i>Journal of Physics and Chemistry of Solids</i> , <b>2007</b> , 68, 765-769	3.9	3
19	Unraveling the influence of substrate on the growth rate, morphology and covalent structure of surface adherent polydopamine films. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2021</b> , 205, 111897	6	3
18	Cerium(IV) phenylphosphonates and para-substituted phenylphosphonates: preparation and characterization. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , <b>2017</b> , 87, 331-339	1.7	2
17	Recoverable polystyrene-supported palladium catalyst for construction of all-carbon quaternary stereocenters via asymmetric 1,4-addition of arylboronic acids to cyclic enones. <i>Reactive and Functional Polymers</i> , <b>2020</b> , 153, 104615	4.6	2
16	Enantioselective Synthesis of Clavamamol A, Xestoaminol C and their Stereoisomers Exhibiting Cytotoxic Activity. <i>European Journal of Organic Chemistry</i> , <b>2020</b> , 2020, 3671-3679	3.2	2
15	Intercalation of lactones into vanadyl phosphate. <i>Journal of Physics and Chemistry of Solids</i> , <b>2006</b> , 67, 961-964	3.9	2
14	Intercalation of Dimethyl Carbonate, Diethyl Carbonate and Ethylene Carbonate into Vanadyl Phosphate. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , <b>2006</b> , 54, 271-274		2
13	How Intercalated Sodium, Copper, and Iron Cations Influence the Structural Arrangement of Zirconium Sulfophenylphosphonate Layers? Theoretical and Experimental Points of View. <i>Journal of Physical Chemistry C</i> , <b>2019</b> , 123, 2488-2495	3.8	2
12	Synthesis of (-)-3-[amino(phenyl)methylidene]-1,3-dihydro-2-indol-2-ones using an Eschenmoser coupling reaction. <i>Beilstein Journal of Organic Chemistry</i> , <b>2021</b> , 17, 527-539	2.5	2
11	Intercalation of alcohols into barium phenylphosphonate: Influence of the number and position of functional groups in the guests on their arrangement in the intercalates. <i>Journal of Solid State Chemistry</i> , <b>2017</b> , 251, 211-216	3.3	1
10	Intercalation of 1,2-Alkanediols into Zirconium Hydrogenphosphate. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , <b>2007</b> , 58, 95-101		1
9	Intercalation of Toluidines into Zirconium Hydrogenphosphate. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , <b>2006</b> , 55, 289-293		1

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|---|--|-----|---|
| 8 | Kinetics and Mechanism of Acetoxymercuration and Acid-Catalysed Hydration of $\alpha$ -Alkylstyrenes. <i>International Journal of Molecular Sciences</i> , <b>2005</b> , 6, 30-44  | 6.3 | 1 |
| 7 | Recent advances in palladium-catalysed asymmetric 1,4-additions of arylboronic acids to conjugated enones and chromones. <i>Beilstein Journal of Organic Chemistry</i> , <b>2021</b> , 17, 1048-1085   | 2.5 | 1 |
| 6 | Synthesis of the Kinase Inhibitors Nintedanib, Hesperadin, and Their Analogues Using the Eschenmoser Coupling Reaction. <i>Journal of Organic Chemistry</i> , <b>2021</b> , 86, 10621-10629  | 4.2 | 1 |
| 5 | Resonance Raman Excitation Profiles of Fe(II)-Terpyridine Complexes: Electronic Effects of Ligand Modifications. <i>Journal of Physical Chemistry B</i> , <b>2021</b> , 125, 12847-12858   | 3.4 | 0 |
| 4 | Synthesis and characterization of new barium methylphosphonates. <i>Dalton Transactions</i> , <b>2017</b> , 46, 5363-5372  | 4.3 | 1 |
| 3 | How N-(pyridin-4-yl)pyridin-4-amine and its methyl and nitro derivatives are arranged in the interlayer space of zirconium sulfophenylphosphonate: a problem solved by experimental and calculation methods. <i>Journal of Computer-Aided Molecular Design</i> , <b>2020</b> , 34, 683-695 | 4.2 | 0 |
| 2 | Synthesis and characterization of ester and amide derivatives of titanium(IV) carboxymethylphosphonate. <i>Journal of Solid State Chemistry</i> , <b>2013</b> , 202, 93-98   | 3.3 | 0 |
| 1 | The asymmetric Henry reaction as synthetic tool for the preparation of the drugs linezolid and rivaroxaban.. <i>Beilstein Journal of Organic Chemistry</i> , <b>2022</b> , 18, 438-445   | 2.5 | 0 |