

# Alexander E Pogonin

## List of Publications by Year in descending order

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19  
papers

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docs citations

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times ranked

73  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Molecular structure and bonding in octamethylporphyrin tin(ii), SnN <sub>4</sub> C <sub>28</sub> H <sub>28</sub> . Dalton Transactions, 2012, 41, 7550.  | 3.3 | 23        |
| 2  | Conformation analysis of copper(II) etioporphyrin-II by combined gas electron diffraction/mass-spectrometry methods and DFT calculations. Journal of Molecular Structure, 2015, 1085, 276-285.   | 3.6 | 11        |
| 3  | Vibrational Spectra of Cobalt (II), Nickel(II), Copper(II), Zinc(II) Etioporphyrins-II, MN <sub>4</sub> C <sub>32</sub> H <sub>36</sub> . Macroheterocycles, 2014, 7, 60-72.   | 0.5 | 8         |
| 4  | Combined gas-phase electron diffraction/mass spectrometry and DFT study of the molecular structure of zinc(II) etioporphyrin-II. Structural Chemistry, 2015, 26, 1521-1530.  | 2.0 | 8         |
| 5  | Mass-Spectrometric Study of Cobalt, Nickel, Copper and Zinc Etioporphyrin-II Sublimation. Macroheterocycles, 2012, 5, 315-320.   | 0.5 | 8         |
| 6  | Gas-phase structures of hemiporphyrazine and dicarbahemiporphyrazine: Key role of interactions inside coordination cavity. Journal of Molecular Structure, 2019, 1184, 576-582.  | 3.6 | 5         |
| 7  | Hydrogen bonds determine the signal arrangement in <sup>13</sup> C NMR spectra of nicotinate. Journal of Molecular Structure, 2018, 1154, 565-569.   | 3.6 | 4         |
| 8  | Quantum Chemical Study Aimed at Modeling Efficient Aza-BODIPY NIR Dyes: Molecular and Electronic Structure, Absorption, and Emission Spectra. Molecules, 2020, 25, 5361.   | 3.8 | 4         |
| 9  | Molecular structure of cobalt(II) etioporphyrin-II determined by combined gas-phase electron diffraction/mass-spectrometry and quantum chemical calculations: Searching a ruffling and saddling effects. Journal of Molecular Structure, 2020, 1216, 128319. | 3.6 | 4         |
| 10 | CONFORMATIONAL BEHAVIOR OF HYDRAZONE DERIVED FROM PYRIDOXAL 5- <sup>α</sup> -PHOSPHATE AND ISONIAZID. ChemChemTech, 2018, 61, 101-107.   | 0.3 | 4         |
| 11 | Molecular Structure of Nickel Octamethylporphyrin—Rare Experimental Evidence of a Ruffling Effect in Gas Phase. International Journal of Molecular Sciences, 2022, 23, 320.  | 4.1 | 4         |
| 12 | Structure and energetical properties of metal pivalate chelates M(piv) <sub>3</sub> (M=Al, Ga, In, Tl) by DFT calculations. Structural Chemistry, 2015, 26, 1443-1450.   | 2.0 | 2         |
| 13 | An alternative approach to structural analysis for gas electron diffraction method. Computational and Theoretical Chemistry, 2018, 1123, 149-153.  | 2.5 | 2         |
| 14 | Molecular structure of 5,10,15,20-tetrakis(4-fluorophenyl)porphyrin by combined gas-phase electron diffraction/mass spectrometry experiment and DFT calculations. Journal of Molecular Structure, 2020, 1221, 128662.  | 3.6 | 2         |
| 15 | Molecular and electronic structure of substituted BODIPY dyes: Quantum chemical study. Computational and Theoretical Chemistry, 2022, 1212, 113719.  | 2.5 | 1         |
| 16 | Energy of Solvation and a Quantum-Chemical Model of the Structure of 18-Crown-6 Ether in Nonaqueous Solvents. Russian Journal of Physical Chemistry A, 2018, 92, 1494-1498.  | 0.6 | 0         |
| 17 | Intramolecular Hydrogen Bonding and Electronic Structure of Thiadiazole Annulated Hemihexaphyrazine. Macroheterocycles, 2018, 11, 67-72.   | 0.5 | 0         |
| 18 | MOLECULAR STRUCTURE AND VIBRATION SPECTRA OF PIVALIC ACID. ChemChemTech, 2018, 59, 17.   | 0.3 | 0         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | DFT STUDY OF MOLECULAR STRUCTURE OF 5,10,15,20-TETRAKIS(4- <sup>TM</sup> -HALOGENOPHENYL)PORPHYRINS AND THEIR ISOMERS. ChemChemTech, 2019, 63, 51-57. | 0.3 | 0         |