

# Myroslav O Vysotsky

## List of Publications by Year in descending order

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54  
papers

1,810  
citations

201575

27  
h-index

265120

42  
g-index

60  
all docs

60  
docs citations

60  
times ranked

1480  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Merocyanine Dyes with Extended Polymethine Chains by Simple Two-Step Condensation Sequence. <i>Synthesis</i> , 2021, 53, 318-325.   | 1.2 | 1         |
| 2  | 1,1'-Bi(2-naphthol-4,5-dicarboximide)s: blue emissive axially chiral scaffolds with aggregation-enhanced emission properties. <i>Organic Chemistry Frontiers</i> , 2019, 6, 3731-3740.                | 2.3 | 7         |
| 3  | Columnar supramolecular architecture of crystals of 2-(4-iodophenyl)-1,10-phenanthroline derived from values of intermolecular interaction energy. <i>CrystEngComm</i> , 2011, 13, 800-805.           | 1.3 | 36        |
| 4  | Classification of the Mechanical Bonds. <i>International Journal of Chemistry</i> , 2011, 3, .  | 0.3 | 0         |
| 5  | Phenanthroline Ligands with Divergent Pyridine Units. <i>Journal of Chemical Research</i> , 2009, 2009, 133-136.  | 0.6 | 2         |
| 6  | On sublinks and their connections within the graphs of the mechanically bound molecules. <i>Arkivoc</i> , 2009, 2009, 289-316.  | 0.3 | 1         |
| 7  | OH $\cdots$ and halogen $\cdots$ interactions as driving forces in the crystal organisations of tri-bromo and tri-iodo trityl alcohols. <i>CrystEngComm</i> , 2008, 10, 715.                          | 1.3 | 87        |
| 8  | Guest exchange in dimeric capsules formed by tetra-urea calix[4]arenes. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 998.   | 1.5 | 15        |
| 9  | Tetraurea Calix[4]arenes. , 2007, , 21-46.  |     | 0         |
| 10 | Calix[4]arene-Based Bis[2]catenanes: Synthesis and Chiral Resolution. <i>Chemistry - A European Journal</i> , 2007, 13, 6157-6170.  | 1.7 | 47        |
| 11 | 2,7-Di-tert-butyl-9,9-dimethyl-4,5-bis(4-tritylanilinocarbonyl)-9H-xanthene methanol trisolvate monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o169-o171. | 0.2 | 0         |
| 12 | Oriental preferences of aromatic guests in dimeric capsules of tetraurea calix[4]arenes $\cdots$ MD and NMR studies. <i>Organic and Biomolecular Chemistry</i> , 2006, 4, 2424-2432.                  | 1.5 | 13        |
| 13 | Energy Transfer in Calixarene-Based Cofacial-Positioned Perylene Bisimide Arrays. <i>Journal of the American Chemical Society</i> , 2006, 128, 3870-3871.   | 6.6 | 109       |
| 14 | Topologically novel multiple rotaxanes and catenanes based on tetraurea calix[4]arenes. <i>Chemical Communications</i> , 2006, , 2941-2952.   | 2.2 | 77        |
| 15 | Wide Rim Urethanes Derived from Calix[4]arenes: Synthesis and Self-Assembly. <i>Journal of Organic Chemistry</i> , 2006, 71, 3429-3434.   | 1.7 | 8         |
| 16 | Guest exchange in dimeric capsules of a tetraurea calix[4]arene in the solid state. <i>Chemical Communications</i> , 2006, , 3897-3899.   | 2.2 | 21        |
| 17 | Fourfold [2]Rotaxanes of Calix[4]arenes by Ring Closure. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 8051-8055.  | 7.2 | 33        |
| 18 | Do pentaurea calix[5]arenes form hydrogen bonded dimeric capsules?. <i>Journal of Structural Chemistry</i> , 2005, 46, S39-S45.   | 0.3 | 2         |

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|----|--|-----|-----------|
| 19 | 5,11,17,23-Tetranitro-25,26,27,28-tetrapentyloxy-calix[4]arene. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, o3526-o3528.                                 | 0.2 | 1         |
| 20 | Fourfold [2]Rotaxanes Based on Calix[4]arenes. Journal of the American Chemical Society, 2005, 127, 13136-13137.   | 6.6 | 46        |
| 21 | Synthesis of huge macrocycles using two calix[4]arenes as templates. Chemical Communications, 2005, , 3132.  | 2.2 | 28        |
| 22 | Multiple Catenanes Derived from Calix[4]arenes. Science, 2004, 304, 1312-1314.   | 6.0 | 192       |
| 23 | Template Synthesis of Multi-Macrocycles by Metathesis Reactions.. ChemInform, 2004, 35, no.  | 0.1 | 0         |
| 24 | Sterically and Guest-Controlled Self-Assembly of Calix[4]arene Derivatives. Chemistry - A European Journal, 2004, 10, 2138-2148.   | 1.7 | 49        |
| 25 | Rational Synthesis of Multicyclic Bis[2]catenanes. Chemistry - A European Journal, 2004, 10, 3324-3330.  | 1.7 | 72        |
| 26 | Template synthesis of multi-macrocycles by metathesis reaction. Chemical Communications, 2004, , 1268-1269.  | 2.2 | 28        |
| 27 | Enhanced Thermodynamic and Kinetic Stability of Calix[4]arene Dimers Locked in the Cone Conformation. Journal of Organic Chemistry, 2004, 69, 6115-6120.                           | 1.7 | 38        |
| 28 | Preferred dimerization of tetra-tolyl- and tetra-tosylurea derivatives of flexible and rigidified calix[4]arenes. Organic and Biomolecular Chemistry, 2004, 2, 3080-3084.          | 1.5 | 18        |
| 29 | Selective Derivatization of Calix[4]arenes via Amino Groups Attached to the Wide Rim. Collection of Czechoslovak Chemical Communications, 2004, 69, 1009-1026.                     | 1.0 | 2         |
| 30 | New Molecular Topologies by Fourfold Metathesis Reactions within a Hydrogen-Bonded Calix[4]arene Dimer. Chemistry - A European Journal, 2003, 9, 3375-3382.                        | 1.7 | 60        |
| 31 | Compensation of steric demand by cation-π interactions, cobaltocenium cations as guests in tetraurea calix[4]arene dimers. Organic and Biomolecular Chemistry, 2003, 1, 2011-2014. | 1.5 | 45        |
| 32 | Self-assembled dimers with supramolecular chirality. Chemical Communications, 2003, , 1124-1125.   | 2.2 | 30        |
| 33 | Tropylium cation capsule of hydrogen-bonded tetraurea calix[4]arene dimers. Perkin Transactions II RSC, 2002, , 88-93.   | 1.1 | 3         |
| 34 | Calix[4]arene-Functionalized Naphthalene and Perylene Imide Dyes. Organic Letters, 2002, 4, 2901-2904.   | 2.4 | 26        |
| 35 | Symmetrical and inherently chiral water-soluble calix[4]arenes bearing dihydroxyphosphoryl groups. Journal of the Chemical Society, Perkin Transactions 1, 2002, , 1405-1411.      | 1.3 | 38        |
| 36 | Dimeric capsules of tetraurea calix[4]arenes. MD simulations and X-ray structure, a comparison. Perkin Transactions II RSC, 2002, , 1796-1800.                                     | 1.1 | 31        |

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|----|--|-----|-----------|
| 37 | Surface plasmon resonance properties and gas response in porphyrin Langmuir-Blodgett films. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2002, 198-200, 811-816.  | 2.3 | 36        |
| 38 | Gas sensing properties of porphyrin assemblies prepared using ultra-fast LB deposition. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2002, 198-200, 843-857.  | 2.3 | 36        |
| 39 | Thermal characteristics of porphyrin entrapped sol-gels during exposure to toxic gases. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2002, 198-200, 859-867.  | 2.3 | 12        |
| 40 | Vibrational spectroscopy of a tetraureidocalix[4]arene based molecular capsule<br>Electronic supplementary information (ESI) available: three tables containing fully assigned IR data of tetraureido calix[4]arene 1, its complex with cyclohexane and benzene, and the corresponding model substances 2-5 as well as 1H NMR spectra of the capsules 1-C6H6-1 and 1-C6H12-1 in solution. See <a href="http://www.rsc.org/suppdata/p2/b1/b108055p/">http://www.rsc.org/suppdata/p2/b1/b108055p/</a> . <i>Perkin Transactions II RSC</i> , 2002, , 83-87. | 1.1 | 1         |
| 41 | Nitrogen dioxide sensing characteristics at elevated temperature of sol-gel glass thin films containing substituted porphyrin dyes. <i>Journal of Materials Chemistry</i> , 2001, 11, 399-403.   | 6.7 | 41        |
| 42 | Hydrogen bonded calixarene capsules kinetically stable in DMSO. <i>Chemical Communications</i> , 2001, , 1890-1891.  | 2.2 | 36        |
| 43 | Fast, reversible optical sensing of NO2 using 5,10,15,20-tetrakis[3,4-bis(2-ethylhexyloxy)phenyl]-21H,23H-porphine assemblies. <i>Journal of Materials Chemistry</i> , 2001, 11, 392-398.  | 6.7 | 59        |
| 44 | Taking advantage of optical and electrical properties of organic molecules for gas sensing applications. <i>Thin Solid Films</i> , 2001, 393, 259-266.   | 0.8 | 23        |
| 45 | O-Phosphorylated calix[4]arenes as Li+-selective receptors. <i>Journal of Physical Organic Chemistry</i> , 2001, 14, 468-473.  | 0.9 | 23        |
| 46 | Molecular Motions within Self-Assembled Dimeric Capsules with Tetraethylammonium Cations as Guest. <i>Chemistry - A European Journal</i> , 2001, 7, 4403-4410.   | 1.7 | 70        |
| 47 | Title is missing!. <i>Australian Journal of Chemistry</i> , 2001, 54, 671.   | 0.5 | 58        |
| 48 | Self-Assembled Hydrogen-Bonded Dimeric Capsules with High Kinetic Stability. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 1264-1267.   | 7.2 | 85        |
| 49 | Guest-Enhanced Kinetic Stability of Hydrogen-Bonded Dimeric Capsules of Tetraurea Calix[4]arenes. <i>Organic Letters</i> , 2000, 2, 3571-3574.   | 2.4 | 41        |
| 50 | Chirality in calixarenes and calixarene assemblies. <i>Advances in Supramolecular Chemistry</i> , 2000, , 139-233.   | 1.8 | 30        |
| 51 | X-ray and NMR investigation of 25,27-dihydroxy-26,28-bis(diethoxyphosphoryloxy)-tert-butylcalix[4]arene in the 1,2-alternate conformation. <i>Journal of Physical Organic Chemistry</i> , 1998, 11, 63-70.   | 0.9 | 4         |
| 52 | Inherently chiral calix[4]arenes with asymmetrical superposition of substituents at the lower and the upper rims of macrocycle. <i>Tetrahedron Letters</i> , 1998, 39, 6057-6060.  | 0.7 | 24        |
| 53 | Synthesis and Structure of Hexa(Diethoxyphosphoryloxy)calix[6]arene. <i>Supramolecular Chemistry</i> , 1997, 8, 85-91.   | 1.5 | 7         |
| 54 | Phosphorotropic rearrangement in synthesis of asymmetrically-substituted calix[4]arenes. <i>Chemical Communications</i> , 1996, , 69.  | 2.2 | 25        |