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List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Selective removal of butanol from aqueous solution by pervaporation with a PIM-1 membrane and membrane aging. <i>Separation and Purification Technology</i> , 2015, 151, 108-114. | 7.9 | 59 |
| 2 | Trimethylsilylcyclopentadienes with Polyfluorinated Ponytails and Mono- and Bis(β -5-cyclopentadienyl)titanium(IV) Complexes Derived from Them. <i>Organometallics</i> , 2004, 23, 2850-2854. | 2.3 | 25 |
| 3 | Multivalent Bifunctional Carbosilane Dendrimer-Supported Ammonium and Phosphonium Organocatalysts for the Coupling of CO ₂ and Epoxides. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 11692-11703. | 6.7 | 23 |
| 4 | Synthesis and in vitro cytotoxicity of acetylated 3-fluoro, 4-fluoro and 3,4-difluoro analogs of D-glucosamine and D-galactosamine. <i>Beilstein Journal of Organic Chemistry</i> , 2016, 12, 750-759. | 2.2 | 20 |
| 5 | Phosphonium carbosilane dendrimers for biomedical applications – synthesis, characterization and cytotoxicity evaluation. <i>RSC Advances</i> , 2017, 7, 18724-18744. | 3.6 | 20 |
| 6 | Skeletal rearrangements resulting from reactions of 1,6:2,3- and 1,6:3,4-dianhydro- β -d-hexopyranoses with diethylaminosulphur trifluoride. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 394-403. | 2.8 | 19 |
| 7 | Titanocene Dihalides and Ferrocenes Bearing a Pendant β -Xylofuranos-5-yl or β -Ribofuranos-5-yl Moiety. Synthesis, Characterization, and Cytotoxic Activity. <i>Organometallics</i> , 2014, 33, 2059-2070. | 2.3 | 18 |
| 8 | Evaluation of toxicological and teratogenic effects of carbosilane glucose glycodendrimers in zebrafish embryos and model rodent cell lines. <i>Nanotoxicology</i> , 2018, 12, 797-818. | 3.0 | 15 |
| 9 | Fluorophilic properties of (perfluorooctyl)ethyl dimethylsilyl substituted and tetramethyl(perfluoroalkyl) substituted cyclopentadienes and their Ti(IV), Rh(III), and Rh(I) complexes. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 1974-1982. | 1.8 | 12 |
| 10 | Electrochemical analysis of a novel ferrocene derivative as a potential antitumor drug. <i>Analyst</i> , 2015, 140, 5864-5867. | 3.5 | 12 |
| 11 | Biocompatible Size-Defined Dendrimer-Albumin Binding Protein Hybrid Materials as a Versatile Platform for Biomedical Applications. <i>Macromolecular Bioscience</i> , 2016, 16, 553-566. | 4.1 | 12 |
| 12 | Cobalt(I) and cobalt(III) cyclopentadienyl complexes with new silicon-branched fluorous tags. <i>Journal of Fluorine Chemistry</i> , 2014, 159, 15-20. | 1.7 | 11 |
| 13 | Improving cytotoxic properties of ferrocenes by incorporation of saturated N-heterocycles. <i>Journal of Organometallic Chemistry</i> , 2017, 846, 141-151. | 1.8 | 11 |
| 14 | Separation of azeotropic mixture acetone + hexane by using polydimethylsiloxane membrane. <i>Separation and Purification Technology</i> , 2016, 170, 256-263. | 7.9 | 10 |
| 15 | Stereoselectivity in Glycosylation with Deoxofluorinated Glucosazide and Galactosazide Thiodonors. <i>Journal of Organic Chemistry</i> , 2019, 84, 6405-6431. | 3.2 | 10 |
| 16 | Synthesis and fluxional behaviour of new α -heavy fluorous-cyclopentadienes. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 537-545. | 1.8 | 9 |
| 17 | Synthesis and characterization of carbosilane dendrimer-sodium montmorillonite clay nanocomposites. Experimental and theoretical studies. <i>RSC Advances</i> , 2016, 6, 43356-43366. | 3.6 | 8 |
| 18 | Use of remote acyl groups for stereoselective 1,2-cis-glycosylation with fluorinated glucosazide thiodonors. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 5427-5434. | 2.8 | 8 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Permeability and diffusion coefficients of single methyl lactate enantiomers in Nafion [®] and cellophane membranes measured in diffusion cell. <i>Separation and Purification Technology</i> , 2016, 158, 322-332. | 7.9 | 7 |
| 20 | Ruthenium tetrazene complexes bearing glucose moieties on their periphery: Synthesis, characterization, and <i>in vitro</i> cytotoxicity. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5896. | 3.5 | 7 |
| 21 | Imidazolium Based Fluorous N ⁺ Heterocyclic Carbenes as Effective and Recyclable Organocatalysts for Redox Esterification. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 3591-3598. | 2.4 | 7 |
| 22 | Harmless glucose ⁺ -modified ruthenium complexes suppressing cell migration of highly invasive cancer cell lines. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5318. | 3.5 | 6 |
| 23 | Synthesis and fluorophilicity of compounds with tris(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)silyl substituent. <i>Journal of Fluorine Chemistry</i> , 2015, 178, 23-29. | 1.7 | 5 |
| 24 | Synthesis of multiply fluorinated <i>N</i> -acetyl-D-glucosamine and D-galactosamine analogs via the corresponding deoxyfluorinated glucosazide and galactosazide phenyl thioglycosides. <i>Beilstein Journal of Organic Chemistry</i> , 2021, 17, 1086-1095. | 2.2 | 5 |
| 25 | Describing the sorption characteristics of a ternary system of benzene (1) and alcohol (2) in a nonporous polymer membrane (3) by the F/H Uggins model. <i>Polymer Engineering and Science</i> , 2015, 55, 1187-1195. | 3.1 | 4 |
| 26 | ESI-TOF mass spectrometry of cationic carbosilane dendrimers: A potent tool for characterization of structural defects. <i>Journal of Mass Spectrometry</i> , 2018, 53, 986-996. | 1.6 | 4 |
| 27 | The effect of deoxyfluorination and <i>O</i> -acylation on the cytotoxicity of <i>N</i> -acetyl-d-gluco- and d-galactosamine hemiacetals. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 4497-4506. | 2.8 | 4 |
| 28 | Poly(imidazolium) Carbosilane Dendrimers: Synthesis, Catalytic Activity in Redox Esterification of α,β -Unsaturated Aldehydes and Recycling via Organic Solvent Nanofiltration. <i>Catalysts</i> , 2021, 11, 1317. | 3.5 | 4 |
| 29 | A Convenient Route to Peracetylated 3-Deoxy-3-fluoro Analogues of d-Glucosamine and d-Galactosamine from a β -Epoxide. <i>Synlett</i> , 2014, 25, 1253-1256. | 1.8 | 3 |
| 30 | Sorption of enantiomers and alcohols into Nafion [®] and the role of air humidity in the experimental data evaluation. <i>Separation and Purification Technology</i> , 2015, 144, 232-239. | 7.9 | 3 |
| 31 | Controlled Anchoring of (Phenylureido)sulfonamide-Based Receptor Moieties: An Impact of Binding Site Multiplication on Complexation Properties. <i>Molecules</i> , 2021, 26, 5670. | 3.8 | 3 |
| 32 | Adaptive Synthesis of Functional Amphiphilic Dendrons as a Novel Approach to Artificial Supramolecular Objects. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2114. | 4.1 | 2 |
| 33 | Synthesis of substituted titanocene dichloride derivatives by hydrosilylation. <i>Journal of Organometallic Chemistry</i> , 2014, 768, 115-120. | 1.8 | 1 |