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List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	The effect of deoxyfluorination and <i>O</i> -acylation on the cytotoxicity of <i>N</i> -acetyl- <i>D</i> -gluco- and <i>D</i> -galactosamine hemiacetals. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 4497-4506.	2.8	4
5	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
6	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
7	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
8	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
9	Imidazolium Based Fluorous <i>N</i> -Heterocyclic Carbenes as Effective and Recyclable Organocatalysts for Redox Esterification. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 3591-3598.	2.4	7
10	Use of remote acyl groups for stereoselective 1,2- <i>cis</i> -glycosylation with fluorinated glucosazide thiondonors. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 5427-5434.	2.8	8
11	Stereoselectivity in Glycosylation with Deoxyfluorinated Glucosazide and Galactosazide Thiondonors. <i>Journal of Organic Chemistry</i> , 2019, 84, 6405-6431.	3.2	10
12	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
13	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
14	Improving cytotoxic properties of ferrocenes by incorporation of saturated N-heterocycles. <i>Journal of Organometallic Chemistry</i> , 2017, 846, 141-151.	1.8	11
15	Phosphonium carbosilane dendrimers for biomedical applications – synthesis, characterization and cytotoxicity evaluation. <i>RSC Advances</i> , 2017, 7, 18724-18744.	3.6	20
16	Synthesis and <i>in vitro</i> 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
17	Separation of azeotropic mixture acetone + hexane by using polydimethylsiloxane membrane. <i>Separation and Purification Technology</i> , 2016, 170, 256-263.	7.9	10
18	Synthesis and characterization of carbosilane dendrimer-sodium montmorillonite clay nanocomposites. <i>Experimental and theoretical studies. RSC Advances</i> , 2016, 6, 43356-43366.	3.6	8

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19	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
20	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
21	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
22	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
23	Electrochemical analysis of a novel ferrocene derivative as a potential antitumor drug. <i>Analyst</i> , The, 2015, 140, 5864-5867.	3.5	12
24	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
25	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
26	A Convenient Route to Peracetylated 3-Deoxy-3-fluoro Analogues of d-Glucosamine and d-Galactosamine from a $\frac{1}{2}$ Epoxide. <i>Synlett</i> , 2014, 25, 1253-1256.	1.8	3
27	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
28	Synthesis of substituted titanocene dichloride derivatives by hydrosilylation. <i>Journal of Organometallic Chemistry</i> , 2014, 768, 115-120.	1.8	1
29	Titanocene Dihalides and Ferrocenes Bearing a Pendant \pm -Xylofuranos-5-yl or \pm -Ribofuranos-5-yl Moiety. Synthesis, Characterization, and Cytotoxic Activity. <i>Organometallics</i> , 2014, 33, 2059-2070.	2.3	18
30	Skeletal rearrangements resulting from reactions of 1,6:2,3- and 1,6:3,4-dianhydro- $\hat{2}$ -d-hexopyranoses with diethylaminosulphur trifluoride. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 394-403.	2.8	19
31	Synthesis and fluxional behaviour of new α -heavy fluorous-cyclopentadienes. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 537-545.	1.8	9
32	Fluorophilic properties of (perfluorooctyl)ethyldimethylsilyl 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
33	Trimethylsilylcyclopentadienes with Polyfluorinated Ponytails and Mono- and Bis($\hat{5}$ -cyclopentadienyl)titanium(IV) Complexes Derived from Them. <i>Organometallics</i> , 2004, 23, 2850-2854.	2.3	25