

Gábor Benkovics

List of Publications by Year in descending order

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23
papers

359
citations

687363

13
h-index

839539

18
g-index

23
all docs

23
docs citations

23
times ranked

478
citing authors

#	ARTICLE	IF	CITATIONS
1	Facile synthesis of per(6-O-tert-butyltrimethylsilyl)- β -, γ -, and δ -cyclodextrin as protected intermediates for the functionalization of the secondary face of the macrocycles. <i>Nature Protocols</i> , 2021, 16, 965-987.	12.0	6
2	Single isomer cyclodextrins as chiral selectors in capillary electrophoresis. <i>Journal of Chromatography A</i> , 2020, 1627, 461375.	3.7	47
3	Comparative analysis of the full set of methylated β -cyclodextrins as chiral selectors in capillary electrophoresis. <i>Electrophoresis</i> , 2019, 40, 2789-2798.	2.4	23
4	Homo- and hetero-difunctionalized β -cyclodextrins: Short direct synthesis in gram scale and analysis of regiochemistry. <i>Beilstein Journal of Organic Chemistry</i> , 2019, 15, 710-720.	2.2	7
5	Synthesis of the chiral selector heptakis(6-O-methyl)- β -cyclodextrin by phase-transfer catalysis and hydrazine-mediated transfer-hydrogenation. <i>Electrophoresis</i> , 2019, 40, 1941-1950.	2.4	14
6	Enhanced single-isomer separation and pseudoenantiomer resolution of new primary rim heterobifunctionalized β -cyclodextrin derivatives. <i>Beilstein Journal of Organic Chemistry</i> , 2018, 14, 2829-2837.	2.2	1
7	Widening the Therapeutic Perspectives of Clofazimine by Its Loading in Sulfobutylether β -Cyclodextrin Nanocarriers: Nanomolar IC ₅₀ Values against MDR <i>S. epidermidis</i> . <i>Molecular Pharmaceutics</i> , 2018, 15, 3823-3836.	4.6	19
8	Mannoside and 1,2-mannobioside β -cyclodextrin-scaffolded NO-photodonors for targeting antibiotic resistant bacteria. <i>Carbohydrate Polymers</i> , 2018, 199, 649-660.	10.2	10
9	A multifunctional β -cyclodextrin-conjugate photodelivering nitric oxide with fluorescence reporting. <i>International Journal of Pharmaceutics</i> , 2017, 531, 614-620.	5.2	15
10	Designed positively charged cyclodextrin hosts with enhanced binding of penicillins as carriers for the delivery of antibiotics: The case of oxacillin. <i>International Journal of Pharmaceutics</i> , 2017, 531, 480-491.	5.2	20
11	The "Visualized"™ macrocycles: Chemistry and application of fluorophore tagged cyclodextrins. <i>International Journal of Pharmaceutics</i> , 2017, 531, 689-700.	5.2	14
12	Delivery of cyclodextrin polymers to bacterial biofilms " An exploratory study using rhodamine labelled cyclodextrins and multiphoton microscopy. <i>International Journal of Pharmaceutics</i> , 2017, 531, 650-657.	5.2	18
13	Efficient loading of ethionamide in cyclodextrin-based carriers offers enhanced solubility and inhibition of drug crystallization. <i>International Journal of Pharmaceutics</i> , 2017, 531, 568-576.	5.2	17
14	Cyclodextrin-mesoporous silica particle composites for controlled antibiotic release. A proof of concept toward colon targeting. <i>International Journal of Pharmaceutics</i> , 2017, 531, 595-605.	5.2	18
15	Characterization of a single-isomer carboxymethyl- β -cyclodextrin in chiral capillary electrophoresis. <i>Electrophoresis</i> , 2017, 38, 1869-1877.	2.4	19
16	Design and evaluation of artificial receptors for the reversal of neuromuscular block. <i>International Journal of Pharmaceutics</i> , 2017, 531, 512-520.	5.2	4
17	Synthesis, analytical characterization and capillary electrophoretic use of the single-isomer heptakis-(6-O-sulfobutyl)- β -cyclodextrin. <i>Journal of Chromatography A</i> , 2017, 1514, 127-133.	3.7	18
18	Novel β -cyclodextrin-eosin conjugates. <i>Beilstein Journal of Organic Chemistry</i> , 2017, 13, 543-551.	2.2	14

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19	Supramolecular structures based on regioisomers of cinnamyl- β -cyclodextrins – new media for capillary separation techniques. Beilstein Journal of Organic Chemistry, 2016, 12, 97-109.	2.2	6
20	New synthetic strategies for xanthene-dye-appended cyclodextrins. Beilstein Journal of Organic Chemistry, 2016, 12, 537-548.	2.2	11
21	Single-isomer carboxymethyl- β -cyclodextrin as chiral resolving agent for capillary electrophoresis. Journal of Chromatography A, 2016, 1467, 445-453.	3.7	34
22	Comparative evaluation of the chiral recognition potential of single-isomer sulfated beta-cyclodextrin synthesis intermediates in non-aqueous capillary electrophoresis. Journal of Chromatography A, 2016, 1467, 454-462.	3.7	20
23	Use of 6-O-mono-substituted derivatives of β -cyclodextrin-bearing substituent with two permanent positive charges in capillary electrophoresis. Chemical Papers, 2016, 70, .	2.2	4