GÃ–khan Yilmaz

List of Publications by Year
in descending order

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35	917	393982	454577
papers	citations	19 h-index	30 g-index

38	38	38	1162
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Tobramycin-loaded complexes to prevent and disrupt Pseudomonas aeruginosa biofilms. Drug Delivery and Translational Research, 2022, 12, 1788-1810.	3.0	7
2	Hierarchy of Complex Glycomacromolecules: From Controlled Topologies to Biomedical Applications. Biomacromolecules, 2022, 23, 543-575.	2.6	12
3	Stimuli-responsive glycopolymers and their biological applications. European Polymer Journal, 2021, 142, 110147.	2.6	8
4	Hyaluronan (HA)-inspired glycopolymers as molecular tools for studying HA functions. RSC Chemical Biology, 2021, 2, 568-576.	2.0	4
5	One-pot synthesis of amphiphilic multiblock poly(2-oxazoline)s via para-fluoro-thiol click reactions. Polymer Chemistry, 2021, 12, 6392-6403.	1.9	8
6	Combining Inducible Lectin Expression and Magnetic Glyconanoparticles for the Selective Isolation of Bacteria from Mixed Populations. ACS Applied Materials & Interfaces, 2021, 13, 19230-19243.	4.0	4
7	Synthetic Routes to Single Chain Polymer Nanoparticles (SCNPs): Current Status and Perspectives. Macromolecular Rapid Communications, 2021, 42, e2100035.	2.0	32
8	Synthetic Glycomacromolecules of Defined Valency, Absolute Configuration, and Topology Distinguish between Human Lectins. Jacs Au, 2021, 1, 1621-1630.	3.6	23
9	Self-Assembled Multi- and Single-Chain Glyconanoparticles and Their Lectin Recognition. Biomacromolecules, 2021, 22, 661-670.	2.6	12
10	Carbohydrates from Pseudomonas aeruginosa biofilms interact with immune C-type lectins and interfere with their receptor function. Npj Biofilms and Microbiomes, 2021, 7, 87.	2.9	16
11	Synthesis of Brushâ€Like Glycopolymers with Monodisperse, Sequenceâ€Defined Side Chains and Their Interactions with Plant and Animal Lectins. Macromolecular Rapid Communications, 2020, 41, e1900459.	2.0	16
12	Natural cyclodextrins and their derivatives for polymer synthesis. Polymer Chemistry, 2020, 11, 7582-7602.	1.9	59
13	Effect of Arm Number and Length of Star-Shaped Glycopolymers on Binding to Dendritic and Langerhans Cell Lectins. Biomacromolecules, 2020, 21, 3756-3764.	2.6	11
14	Precisely targeted gene delivery in human skin using supramolecular cationic glycopolymers. Polymer Chemistry, 2020, 11, 3768-3774.	1.9	8
15	Glycopolymer Code: Programming Synthetic Macromolecules for Biological Targeting. Macromolecular Chemistry and Physics, 2020, 221, 2000006.	1.1	9
16	Mannosylated Poly(ethylene imine) Copolymers Enhance saRNA Uptake and Expression in Human Skin Explants. Biomacromolecules, 2020, 21, 2482-2492.	2.6	30
17	Bottlebrush Glycopolymers from 2-Oxazolines and Acrylamides for Targeting Dendritic Cell-Specific Intercellular Adhesion Molecule-3-Grabbing Nonintegrin and Mannose-Binding Lectin. Biomacromolecules, 2020, 21, 2298-2308.	2.6	22
18	Magnetic glyconanoparticles for selective lectin separation and purification. Polymer Chemistry, 2019, 10, 3351-3361.	1.9	25

#	ARTICLE	IF	CITATIONS
19	Poly(triazolyl methacrylate) glycopolymers as potential targeted unimolecular nanocarriers. Nanoscale, 2019, 11, 21155-21166.	2.8	11
20	The effect of linker length on ConA and DC-SIGN binding of S-glucosyl functionalized poly(2-oxazoline)s. Polymer Chemistry, 2018, 9, 611-618.	1.9	29
21	One Size Does Not Fit All: The Effect of Chain Length and Charge Density of Poly(ethylene imine) Based Copolymers on Delivery of pDNA, mRNA, and RepRNA Polyplexes. Biomacromolecules, 2018, 19, 2870-2879.	2.6	51
22	pH responsive glycopolymer nanoparticles for targeted delivery of anti-cancer drugs. Molecular Systems Design and Engineering, 2018, 3, 150-158.	1.7	43
23	Single-Chain Glycopolymer Folding via Hostâ€“Guest Interactions and Its Unprecedented Effect on DC-SIGN Binding. Biomacromolecules, 2018, 19, 3040-3047.	2.6	49
24	Block-Sequence-Specific Glycopolypeptides with Selective Lectin Binding Properties. Biomacromolecules, 2017, 18, 1928-1936.	2.6	45
25	Sequence and Architectural Control in Glycopolymer Synthesis. Macromolecular Rapid Communications, 2017, 38, 1700212.	2.0	38
26	Sequence Controlled Polymers from a Novel Î²â€Cyclodextrin Core. Macromolecular Rapid Communications, 2017, 38, 1700501.	2.0	12
27	Glyconanoparticles with controlled morphologies and their interactions with a dendritic cell lectin. Polymer Chemistry, 2016, 7, 6293-6296.	1.9	21
28	Poly(methacrylic acid)-Coated Gold Nanoparticles: Functional Platforms for Theranostic Applications. Biomacromolecules, 2016, 17, 2901-2911.	2.6	22
29	Precise insertion of clickable monomer along polymer backbone by dynamic temperature controlled radical polymerization. European Polymer Journal, 2015, 62, 347-351.	2.6	12
30	Glyconanoparticles and their interactions with lectins. Polymer Chemistry, 2015, 6, 5503-5514.	1.9	78
31	Glycopolymer Code Based on Well-Defined Glycopolymers or Glyconanomaterials and Their Biomolecular Recognition. Frontiers in Bioengineering and Biotechnology, 2014, 2, 39.	2.0	33
32	Absolut â€œcopper catalyzation perfectedâ€; robust living polymerization of NIPAM: Guinness is good for SET-LRP. Polymer Chemistry, 2014, 5, 57-61.	1.9	80
33	A new proton sponge polymer synthesized by RAFT polymerization for intracellular delivery of biotherapeutics. Polymer Chemistry, 2014, 5, 1593-1604.	1.9	20
34	Precision glycopolymers and their interactions with lectins. European Polymer Journal, 2013, 49, 3046-3051.	2.6	59
35	Design of Magnetic Graphene Oxide Containing Magnetically Stabilized Fluidized Bed System for Dopamine Adsorption in the Presence of Ascorbic Acid and Uric Acid. Separation Science and Technology, 2013, 48, 2608-2615.	1.3	1