

Antons Sizovs

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10081270/publications.pdf>

Version: 2024-02-01

22
papers

1,166
citations

430874

18
h-index

642732

23
g-index

24
all docs

24
docs citations

24
times ranked

2062
citing authors

#	ARTICLE	IF	CITATIONS
1	Microbial Genetic Composition Tunes Host Longevity. <i>Cell</i> , 2017, 169, 1249-1262.e13.	28.9	256
2	Quantitative Imaging of Glutathione in Live Cells Using a Reversible Reaction-Based Ratiometric Fluorescent Probe. <i>ACS Chemical Biology</i> , 2015, 10, 864-874.	3.4	164
3	Diblock Glycopolymers Promote Colloidal Stability of Polyplexes and Effective pDNA and siRNA Delivery under Physiological Salt and Serum Conditions. <i>Biomacromolecules</i> , 2011, 12, 3015-3022.	5.4	85
4	Poly(trehalose): Sugar-Coated Nanocomplexes Promote Stabilization and Effective Polyplex-Mediated siRNA Delivery. <i>Journal of the American Chemical Society</i> , 2013, 135, 15417-15424.	13.7	82
5	Glucose-Functionalized, Serum-Stable Polymeric Micelles from the Combination of Anionic and RAFT Polymerizations. <i>Macromolecules</i> , 2012, 45, 4322-4332.	4.8	60
6	Tunable Thioesters as a Reduction-Responsive Functionality for Traceless Reversible Protein PEGylation. <i>Journal of the American Chemical Society</i> , 2013, 135, 10938-10941.	13.7	55
7	The N-terminal Domain of ALS-Linked TDP43 Assembles without Misfolding. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12590-12593.	13.8	52
8	2-Hydroxypropyl- β -cyclodextrin-enhanced pharmacokinetics of cabotegravir from a nanofluidic implant for HIV pre-exposure prophylaxis. <i>Journal of Controlled Release</i> , 2019, 306, 89-96.	9.9	49
9	Carbohydrate Polymers for Nonviral Nucleic Acid Delivery. <i>Topics in Current Chemistry</i> , 2010, 296, 131-190.	4.0	45
10	Carbon fiber reinforced polymers for implantable medical devices. <i>Biomaterials</i> , 2021, 271, 120719.	11.4	39
11	Electrostatically gated nanofluidic membrane for ultra-low power controlled drug delivery. <i>Lab on A Chip</i> , 2020, 20, 1562-1576.	6.0	37
12	Neovascularized implantable cell homing encapsulation platform with tunable local immunosuppressant delivery for allogeneic cell transplantation. <i>Biomaterials</i> , 2020, 257, 120232.	11.4	31
13	MAG versus PEG: Incorporating a Poly(MAG) Layer to Promote Colloidal Stability of Nucleic Acid-Click Cluster-Complexes. <i>ACS Macro Letters</i> , 2012, 1, 609-613.	4.8	29
14	Nanofluidic microsystem for sustained intraocular delivery of therapeutics. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 16, 1-9.	3.3	29
15	Preventive Efficacy of a Tenofovir Alafenamide Fumarate Nanofluidic Implant in SHIV-Challenged Nonhuman Primates. <i>Advanced Therapeutics</i> , 2021, 4, 2000163.	3.2	28
16	Precisely Tunable Engineering of Sub-30 nm Monodisperse Oligonucleotide Nanoparticles. <i>Journal of the American Chemical Society</i> , 2014, 136, 234-240.	13.7	25
17	Effects of Trehalose Polycation End-Group Functionalization on Plasmid DNA Uptake and Transfection. <i>Biomacromolecules</i> , 2012, 13, 2229-2239.	5.4	20
18	Genetically anchored fluorescent probes for subcellular specific imaging of hydrogen sulfide. <i>Analyst</i> , 2016, 141, 1209-1213.	3.5	20

#	ARTICLE	IF	CITATIONS
19	Viral load Reduction in SHIV-Positive Nonhuman Primates via Long-Acting Subcutaneous Tenofovir Alafenamide Fumarate Release from a Nanofluidic Implant. <i>Pharmaceutics</i> , 2020, 12, 981.	4.5	13
20	Trans-urocanic acid enhances tenofovir alafenamide stability for long-acting HIV applications. <i>International Journal of Pharmaceutics</i> , 2020, 587, 119623.	5.2	10
21	Extending Drug Release from Implants via Transcutaneous Refilling with Solid Therapeutics. <i>Advanced Therapeutics</i> , 2022, 5, .	3.2	7
22	The N-terminal Domain of ALS-Linked TDP-43 Assembles without Misfolding. <i>Angewandte Chemie</i> , 2017, 129, 12764-12767.	2.0	2