Antons Sizovs

List of Publications by Year
in descending order

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

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22	1,166	430874	642732
papers	citations	18 h-index	23 g-index

24	24	24	2062
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Extending Drug Release from Implants via Transcutaneous Refilling with Solid Therapeutics. Advanced Therapeutics, 2022, 5, .	3.2	7
2	Carbon fiber reinforced polymers for implantable medical devices. Biomaterials, 2021, 271, 120719.	11.4	39
3	Preventive Efficacy of a Tenofovir Alafenamide Fumarate Nanofluidic Implant in SHIVâ€Challenged Nonhuman Primates. Advanced Therapeutics, 2021, 4, 2000163.	3.2	28
4	Neovascularized implantable cell homing encapsulation platform with tunable local immunosuppressant delivery for allogeneic cell transplantation. Biomaterials, 2020, 257, 120232.	11.4	31
5	Viral load Reduction in SHIV-Positive Nonhuman Primates via Long-Acting Subcutaneous Tenofovir Alafenamide Fumarate Release from a Nanofluidic Implant. Pharmaceutics, 2020, 12, 981.	4.5	13
6	Trans-urocanic acid enhances tenofovir alafenamide stability for long-acting HIV applications. International Journal of Pharmaceutics, 2020, 587, 119623.	5.2	10
7	Electrostatically gated nanofluidic membrane for ultra-low power controlled drug delivery. Lab on A Chip, 2020, 20, 1562-1576.	6.0	37
8	2-Hydroxypropyl-Î²-cyclodextrin-enhanced pharmacokinetics of cabotegravir from a nanofluidic implant for HIV pre-exposure prophylaxis. Journal of Controlled Release, 2019, 306, 89-96.	9.9	49
9	Nanofluidic microsystem for sustained intraocular delivery of therapeutics. Nanomedicine: Nanotechnology, Biology, and Medicine, 2019, 16, 1-9.	3.3	29
10	Microbial Genetic Composition Tunes Host Longevity. Cell, 2017, 169, 1249-1262.e13.	28.9	256
11	The Nâ€Terminal Domain of ALSâ€Linked TDPâ€43 Assembles without Misfolding. Angewandte Chemie, 2017, 129, 12764-12767.	2.0	2
12	The Nâ€Terminal Domain of ALSâ€Linked TDPâ€43 Assembles without Misfolding. Angewandte Chemie - International Edition, 2017, 56, 12590-12593.	13.8	52
13	Genetically anchored fluorescent probes for subcellular specific imaging of hydrogen sulfide. Analyst, The, 2016, 141, 1209-1213.	3.5	20
14	Quantitative Imaging of Glutathione in Live Cells Using a Reversible Reaction-Based Ratiometric Fluorescent Probe. ACS Chemical Biology, 2015, 10, 864-874.	3.4	164
15	Precisely Tunable Engineering of Sub-30 nm Monodisperse Oligonucleotide Nanoparticles. Journal of the American Chemical Society, 2014, 136, 234-240.	13.7	25
16	Tunable Thioesters as â€œReductionâ€•Responsive Functionality for Traceless Reversible Protein PEGylation. Journal of the American Chemical Society, 2013, 135, 10938-10941.	13.7	55
17	Poly(trehalose): Sugar-Coated Nanocomplexes Promote Stabilization and Effective Polyplex-Mediated siRNA Delivery. Journal of the American Chemical Society, 2013, 135, 15417-15424.	13.7	82
18	Effects of Trehalose Polycation End-Group Functionalization on Plasmid DNA Uptake and Transfection. Biomacromolecules, 2012, 13, 2229-2239.	5.4	20

#	Article	IF	Citations
19	Glucose-Functionalized, Serum-Stable Polymeric Micelles from the Combination of Anionic and RAFT Polymerizations. Macromolecules, 2012, 45, 4322-4332.	4.8	60
20	MAG versus PEG: Incorporating a Poly(MAG) Layer to Promote Colloidal Stability of Nucleic Acid/â€œClick Clusterâ€•Complexes. ACS Macro Letters, 2012, 1, 609-613.	4.8	29
21	Diblock Glycopolymers Promote Colloidal Stability of Polyplexes and Effective pDNA and siRNA Delivery under Physiological Salt and Serum Conditions. Biomacromolecules, 2011, 12, 3015-3022.	5.4	85
22	Carbohydrate Polymers for Nonviral Nucleic Acid Delivery. Topics in Current Chemistry, 2010, 296, 131-190.	4.0	45