

Whitney Shatz

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8615630/publications.pdf>

Version: 2024-02-01

18
papers

587
citations

840119

11
h-index

996533

15
g-index

18
all docs

18
docs citations

18
times ranked

730
citing authors

#	ARTICLE	IF	CITATIONS
1	Bispecific antibodies with natural architecture produced by co-culture of bacteria expressing two distinct half-antibodies. <i>Nature Biotechnology</i> , 2013, 31, 753-758.	9.4	167
2	Knobs-into-holes antibody production in mammalian cell lines reveals that asymmetric afucosylation is sufficient for full antibody-dependent cellular cytotoxicity. <i>MABs</i> , 2013, 5, 872-881.	2.6	67
3	Contribution of Antibody Hydrodynamic Size to Vitreal Clearance Revealed through Rabbit Studies Using a Species-Matched Fab. <i>Molecular Pharmaceutics</i> , 2016, 13, 2996-3003.	2.3	62
4	Development of a Human IgG4 Bispecific Antibody for Dual Targeting of Interleukin-4 (IL-4) and Interleukin-13 (IL-13) Cytokines. <i>Journal of Biological Chemistry</i> , 2013, 288, 26583-26593.	1.6	59
5	Design and Pharmacokinetic Characterization of Novel Antibody Formats for Ocular Therapeutics. , 2015, 56, 5390.		58
6	Influence of Charge, Hydrophobicity, and Size on Vitreous Pharmacokinetics of Large Molecules. <i>Translational Vision Science and Technology</i> , 2019, 8, 1.	1.1	38
7	Strategies for modifying drug residence time and ocular bioavailability to decrease treatment frequency for back of the eye diseases. <i>Expert Opinion on Drug Delivery</i> , 2019, 16, 43-57.	2.4	22
8	Identification and characterization of an octameric PEG-protein conjugate system for intravitreal long-acting delivery to the back of the eye. <i>PLoS ONE</i> , 2019, 14, e0218613.	1.1	20
9	An efficient route to bispecific antibody production using single-reactor mammalian co-culture. <i>MABs</i> , 2016, 8, 1487-1497.	2.6	16
10	Protein engineering to increase the potential of a therapeutic antibody Fab for long-acting delivery to the eye. <i>MABs</i> , 2017, 9, 1297-1305.	2.6	16
11	Long-Range Structural and Dynamical Changes Induced by Cofactor Binding in DNA Methyltransferase M.HhaI. <i>Biochemistry</i> , 2007, 46, 7261-7268.	1.2	13
12	Impact of polymer geometry on the interactions of protein-PEG conjugates. <i>Biophysical Chemistry</i> , 2018, 236, 22-30.	1.5	13
13	Nanolipoprotein Particles as a Delivery Platform for Fab Based Therapeutics. <i>Bioconjugate Chemistry</i> , 2020, 31, 1995-2007.	1.8	11
14	Characterization of bispecific and mispaired IgGs by native charge-variant mass spectrometry. <i>International Journal of Mass Spectrometry</i> , 2019, 446, 116229.	0.7	10
15	Data on charge separation of bispecific and mispaired IgGs using native charge-variant mass spectrometry. <i>Data in Brief</i> , 2020, 30, 105435.	0.5	9
16	In Vivo Stability Profiles of Anti-factor D Molecules Support Long-Acting Delivery Approaches. <i>Molecular Pharmaceutics</i> , 2019, 16, 86-95.	2.3	6
17	Fab-Nanolipoprotein Conjugate Causes Vitreous Opacity and Cataracts Following a Single Intravitreal Administration in New Zealand White Rabbits. <i>Toxicologic Pathology</i> , 2021, 49, 647-655.	0.9	0
18	Nanolipoprotein particles for co-delivery of cystine-knot peptides and Fab-based therapeutics. <i>Nanoscale Advances</i> , 0, , .	2.2	0