

Thomas R Fuerst

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

621
citations

567281

15
h-index

642732

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23
all docs

23
docs citations

23
times ranked

730
citing authors

#	ARTICLE	IF	CITATIONS
1	An Antigenically Diverse, Representative Panel of Envelope Glycoproteins for Hepatitis C Virus Vaccine Development. <i>Gastroenterology</i> , 2022, 162, 562-574.	1.3	20
2	Induction of broadly neutralizing antibodies using a secreted form of the hepatitis C virus E1E2 heterodimer as a vaccine candidate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2112008119.	7.1	7
3	<i>In Vivo</i> and <i>In Vitro</i> Potency of Polyphosphazene Immunoadjuvants with Hepatitis C Virus Antigen and the Role of Their Supramolecular Assembly. <i>Molecular Pharmaceutics</i> , 2021, 18, 726-734.	4.6	16
4	Crystal Structure of a Bivalent Antibody Fab Fragment. <i>Journal of Molecular Biology</i> , 2021, 433, 166714.	4.2	2
5	Intracellular Delivery of Active Proteins by Polyphosphazene Polymers. <i>Pharmaceutics</i> , 2021, 13, 249.	4.5	9
6	Engineering subtilisin proteases that specifically degrade active RAS. <i>Communications Biology</i> , 2021, 4, 299.	4.4	10
7	Immunopotentiating and Delivery Systems for HCV Vaccines. <i>Viruses</i> , 2021, 13, 981.	3.3	7
8	Structural and Biophysical Characterization of the HCV E1E2 Heterodimer for Vaccine Development. <i>Viruses</i> , 2021, 13, 1027.	3.3	5
9	Design of a native-like secreted form of the hepatitis C virus E1E2 heterodimer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	19
10	Protein-loaded soluble and nanoparticulate formulations of ionic polyphosphazenes and their interactions on molecular and cellular levels. <i>Materials Science and Engineering C</i> , 2020, 106, 110179.	7.3	15
11	Structure-Based Design of Hepatitis C Virus E2 Glycoprotein Improves Serum Binding and Cross-Neutralization. <i>Journal of Virology</i> , 2020, 94, .	3.4	17
12	Supramolecular Assembly of Toll-like Receptor 7/8 Agonist into Multimeric Water-Soluble Constructs Enables Superior Immune Stimulation <i>In Vitro</i> and <i>In Vivo</i> . <i>ACS Applied Bio Materials</i> , 2020, 3, 3187-3195.	4.6	23
13	Antigenicity and Immunogenicity of Differentially Glycosylated Hepatitis C Virus E2 Envelope Proteins Expressed in Mammalian and Insect Cells. <i>Journal of Virology</i> , 2019, 93, .	3.4	51
14	In vivo combination of human anti-envelope glycoprotein E2 and -Claudin-1 monoclonal antibodies for prevention of hepatitis C virus infection. <i>Antiviral Research</i> , 2019, 162, 136-141.	4.1	4
15	Structural basis for broad neutralization of ebolaviruses by an antibody targeting the glycoprotein fusion loop. <i>Nature Communications</i> , 2018, 9, 3934.	12.8	25
16	Hydrolytically Degradable PEGylated Polyelectrolyte Nanocomplexes for Protein Delivery. <i>Biomacromolecules</i> , 2018, 19, 3467-3478.	5.4	29
17	Biodegradable "Smart" Polyphosphazenes with Intrinsic Multifunctionality as Intracellular Protein Delivery Vehicles. <i>Biomacromolecules</i> , 2017, 18, 2000-2011.	5.4	41
18	Designing a B Cell-Based Vaccine against a Highly Variable Hepatitis C Virus. <i>Frontiers in Microbiology</i> , 2017, 8, 2692.	3.5	43

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19	Affinity maturation of a broadly neutralizing human monoclonal antibody that prevents acute hepatitis C virus infection in mice. <i>Hepatology</i> , 2016, 64, 1922-1933.	7.3	60
20	Global mapping of antibody recognition of the hepatitis C virus E2 glycoprotein: Implications for vaccine design. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E6946-E6954.	7.1	86
21	Molecular-Level Interactions of Polyphosphazene Immunoadjuvants and Their Potential Role in Antigen Presentation and Cell Stimulation. <i>Biomacromolecules</i> , 2016, 17, 3732-3742.	5.4	43
22	Self-assembly of polyphosphazene immunoadjuvant with poly(ethylene oxide) enables advanced nanoscale delivery modalities and regulated pH-dependent cellular membrane activity. <i>Heliyon</i> , 2016, 2, e00102.	3.2	20
23	Structural Basis for Penetration of the Glycan Shield of Hepatitis C Virus E2 Glycoprotein by a Broadly Neutralizing Human Antibody. <i>Journal of Biological Chemistry</i> , 2015, 290, 10117-10125.	3.4	69