Gillie Agmon

List of Publications by Year
in descending order

22 papers	1,419 citations	471061 17 h-index	676716 22 g-index
25 all docs	25 docs citations	25 times ranked	1823 citing authors

#	Article	IF	Citations
1	Designing spatial and temporal control of vaccine responses. Nature Reviews Materials, 2022, 7, 174-195.	23.3	130
2	Delivery of CAR-T cells in a transient injectable stimulatory hydrogel niche improves treatment of solid tumors. Science Advances, 2022, 8, eabn8264.	4.7	80
3	Prolonged Codelivery of Hemagglutinin and a TLR7/8 Agonist in a Supramolecular Polymerâ€“Nanoparticle Hydrogel Enhances Potency and Breadth of Influenza Vaccination. ACS Biomaterials Science and Engineering, 2021, 7, 1889-1899.	2.6	38
4	Enhanced Humoral Immune Response by High Density TLR Agonist Presentation on Hyperbranched Polymers. Advanced Therapeutics, 2021, 4, 2000081.	1.6	8
5	Full closed loop openâ€source algorithm performance comparison in pigs with diabetes. Clinical and Translational Medicine, 2021, 11, e387.	1.7	11
6	Modulation of injectable hydrogel properties for slow coâ€delivery of influenza subunit vaccine components enhance the potency of humoral immunity. Journal of Biomedical Materials Research - Part A, 2021, 109, 2173-2186.	2.1	24
7	Hydrogelâ€Based Slow Release of a Receptorâ€Binding Domain Subunit Vaccine Elicits Neutralizing Antibody Responses Against SARSâ€CoVâ€2. Advanced Materials, 2021, 33, e2104362.	11.1	48
8	Injectable supramolecular polymerâ€“nanoparticle hydrogels enhance human mesenchymal stem cell delivery. Bioengineering and Translational Medicine, 2020, 5, e10147.	3.9	55
9	A Nanoparticle Platform for Improved Potency, Stability, and Adjuvanticity of Poly(I:C). Advanced Therapeutics, 2020, 3, 1900174.	1.6	13
10	Injectable Hydrogels for Sustained Codelivery of Subunit Vaccines Enhance Humoral Immunity. ACS Central Science, 2020, 6, 1800-1812.	5.3	113
11	Nanoparticles Presenting Potent TLR7/8 Agonists Enhance Anti-PD-L1 Immunotherapy in Cancer Treatment. Biomacromolecules, 2020, 21, 3704-3712.	2.6	44
12	A co-formulation of supramolecularly stabilized insulin and pramlintide enhances mealtime glucagon suppression in diabetic pigs. Nature Biomedical Engineering, 2020, 4, 507-517.	11.6	52
13	Site-selective modification of proteins using cucurbit[7]uril as supramolecular protection for N-terminal aromatic amino acids. Organic and Biomolecular Chemistry, 2020, 18, 4371-4375.	1.5	7
14	An ultrafast insulin formulation enabled by high-throughput screening of engineered polymeric excipients. Science Translational Medicine, 2020, 12, .	5.8	46
15	Use of a supramolecular polymeric hydrogel as an effective post-operative pericardial adhesion barrier. Nature Biomedical Engineering, 2019, 3, 611-620.	11.6	154
16	Nonâ€Newtonian Polymerâ€“Nanoparticle Hydrogels Enhance Cell Viability during Injection. Macromolecular Bioscience, 2019, 19, e1800275.	2.1	49
17	Supramolecular polymeric biomaterials. Biomaterials Science, 2018, 6, 10-37.	2.6	129
18	Engineering an Injectable Muscle-Specific Microenvironment for Improved Cell Delivery Using a Nanofibrous Extracellular Matrix Hydrogel. ACS Nano, 2017, 11, 3851-3859.	7.3	62

#	Article	IF	Citations
19	Distinguishing relaxation dynamics in transiently crosslinked polymeric networks. Polymer Chemistry, 2017, 8, 5336-5343.	1.9	49
20	Scalable manufacturing of biomimetic moldable hydrogels for industrial applications. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 14255-14260.	3.3	78
21	Controlling stem cell behavior with decellularized extracellular matrix scaffolds. Current Opinion in Solid State and Materials Science, 2016, 20, 193-201.	5.6	135
22	Delivery of an engineered HGF fragment in an extracellular matrix-derived hydrogel prevents negative LV remodeling post-myocardial infarction. Biomaterials, 2015, 45, 56-63.	5.7	90