

# Gillie Agmon

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4048161/publications.pdf>

Version: 2024-02-01

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	Use of a supramolecular polymeric hydrogel as an effective post-operative pericardial adhesion barrier. <i>Nature Biomedical Engineering</i> , 2019, 3, 611-620.	11.6	154
2	Controlling stem cell behavior with decellularized extracellular matrix scaffolds. <i>Current Opinion in Solid State and Materials Science</i> , 2016, 20, 193-201.	5.6	135
3	Designing spatial and temporal control of vaccine responses. <i>Nature Reviews Materials</i> , 2022, 7, 174-195.	23.3	130
4	Supramolecular polymeric biomaterials. <i>Biomaterials Science</i> , 2018, 6, 10-37.	2.6	129
5	Injectable Hydrogels for Sustained Codelivery of Subunit Vaccines Enhance Humoral Immunity. <i>ACS Central Science</i> , 2020, 6, 1800-1812.	5.3	113
6	Delivery of an engineered HGF fragment in an extracellular matrix-derived hydrogel prevents negative LV remodeling post-myocardial infarction. <i>Biomaterials</i> , 2015, 45, 56-63.	5.7	90
7	Delivery of CAR-T cells in a transient injectable stimulatory hydrogel niche improves treatment of solid tumors. <i>Science Advances</i> , 2022, 8, eabn8264.	4.7	80
8	Scalable manufacturing of biomimetic moldable hydrogels for industrial applications. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 14255-14260.	3.3	78
9	Engineering an Injectable Muscle-Specific Microenvironment for Improved Cell Delivery Using a Nanofibrous Extracellular Matrix Hydrogel. <i>ACS Nano</i> , 2017, 11, 3851-3859.	7.3	62
10	Injectable supramolecular polymer-nanoparticle hydrogels enhance human mesenchymal stem cell delivery. <i>Bioengineering and Translational Medicine</i> , 2020, 5, e10147.	3.9	55
11	A co-formulation of supramolecularly stabilized insulin and pramlintide enhances mealtime glucagon suppression in diabetic pigs. <i>Nature Biomedical Engineering</i> , 2020, 4, 507-517.	11.6	52
12	Distinguishing relaxation dynamics in transiently crosslinked polymeric networks. <i>Polymer Chemistry</i> , 2017, 8, 5336-5343.	1.9	49
13	Non-Newtonian Polymer-Nanoparticle Hydrogels Enhance Cell Viability during Injection. <i>Macromolecular Bioscience</i> , 2019, 19, e1800275.	2.1	49
14	Hydrogel-Based Slow Release of a Receptor-Binding Domain Subunit Vaccine Elicits Neutralizing Antibody Responses Against SARS-CoV-2. <i>Advanced Materials</i> , 2021, 33, e2104362.	11.1	48
15	An ultrafast insulin formulation enabled by high-throughput screening of engineered polymeric excipients. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	46
16	Nanoparticles Presenting Potent TLR7/8 Agonists Enhance Anti-PD-L1 Immunotherapy in Cancer Treatment. <i>Biomacromolecules</i> , 2020, 21, 3704-3712.	2.6	44
17	Prolonged Codelivery of Hemagglutinin and a TLR7/8 Agonist in a Supramolecular Polymer-Nanoparticle Hydrogel Enhances Potency and Breadth of Influenza Vaccination. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 1889-1899.	2.6	38
18	Modulation of injectable hydrogel properties for slow co-delivery of influenza subunit vaccine components enhance the potency of humoral immunity. <i>Journal of Biomedical Materials Research - Part A</i> , 2021, 109, 2173-2186.	2.1	24

#	ARTICLE	IF	CITATIONS
19	A Nanoparticle Platform for Improved Potency, Stability, and Adjuvanticity of Poly(I:C). <i>Advanced Therapeutics</i> , 2020, 3, 1900174.	1.6	13
20	Full closed loop open-source algorithm performance comparison in pigs with diabetes. <i>Clinical and Translational Medicine</i> , 2021, 11, e387.	1.7	11
21	Enhanced Humoral Immune Response by High Density TLR Agonist Presentation on Hyperbranched Polymers. <i>Advanced Therapeutics</i> , 2021, 4, 2000081.	1.6	8
22	Site-selective modification of proteins using cucurbit[7]uril as supramolecular protection for N-terminal aromatic amino acids. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 4371-4375.	1.5	7