

Janna Shainsky-Roitman

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,456
citations

623574

14
h-index

794469

19
g-index

20
all docs

20
docs citations

20
times ranked

2343
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanoparticles Accumulate in the Female Reproductive System during Ovulation Affecting Cancer Treatment and Fertility. ACS Nano, 2022, 16, 5246-5257.	7.3	12
2	Synthetic cells with self-activating optogenetic proteins communicate with natural cells. Nature Communications, 2022, 13, 2328.	5.8	23
3	Targeting neurons in the tumor microenvironment with bupivacaine nanoparticles reduces breast cancer progression and metastases. Science Advances, 2021, 7, eabj5435.	4.7	21
4	Integrating Artificial Intelligence and Nanotechnology for Precision Cancer Medicine. Advanced Materials, 2020, 32, e1901989.	11.1	187
5	Preparing Protein Producing Synthetic Cells using Cell Free Bacterial Extracts, Liposomes and Emulsion Transfer. Journal of Visualized Experiments, 2020, , .	0.2	9
6	Cancer Treatment: Integrating Artificial Intelligence and Nanotechnology for Precision Cancer Medicine (Adv. Mater. 13/2020). Advanced Materials, 2020, 32, 2070100.	11.1	2
7	Collagenase Nanoparticles Enhance the Penetration of Drugs into Pancreatic Tumors. ACS Nano, 2019, 13, 11008-11021.	7.3	209
8	Tailoring the lipid composition of nanoparticles modulates their cellular uptake and affects the viability of triple negative breast cancer cells. Journal of Controlled Release, 2019, 307, 331-341.	4.8	58
9	Sodium bicarbonate nanoparticles modulate the tumor pH and enhance the cellular uptake of doxorubicin. Journal of Controlled Release, 2019, 296, 1-13.	4.8	61
10	Proteolytic Nanoparticles Replace a Surgical Blade by Controllably Remodeling the Oral Connective Tissue. ACS Nano, 2018, 12, 1482-1490.	7.3	18
11	Synthetic Cells Synthesize Therapeutic Proteins inside Tumors. Advanced Healthcare Materials, 2018, 7, e1701163.	3.9	100
12	Biocompatibility, biodegradation and excretion of polylactic acid (PLA) in medical implants and theranostic systems. Chemical Engineering Journal, 2018, 340, 9-14.	6.6	482
13	Anti-viral RNAi nanoparticles protect shrimp against white spot disease. Molecular Systems Design and Engineering, 2018, 3, 38-48.	1.7	15
14	Therapeutic nanoparticles penetrate leaves and deliver nutrients to agricultural crops. Scientific Reports, 2018, 8, 7589.	1.6	145
15	Synthetic Cells: Synthetic Cells Synthesize Therapeutic Proteins inside Tumors (Adv. Healthcare Mater.) Tj ETQq1 1,0,784314,rgBT /Ower	3.9	100
16	Nanoparticles target early-stage breast cancer metastasis <i>in vivo</i> . Nanotechnology, 2017, 28, 43LT01.	1.3	33
17	Autonomous bacterial nanoswimmers target cancer. Journal of Controlled Release, 2017, 257, 68-75.	4.8	39
18	A Simple and Rapid Method for Preparing a Cell-Free Bacterial Lysate for Protein Synthesis. PLoS ONE, 2016, 11, e0165137.	1.1	38

#	ARTICLE	IF	CITATIONS
19	The Evolution of Tumor-Targeted Drug Delivery: From the EPR Effect to Nanoswimmers. Israel Journal of Chemistry, 2013, 53, 719-727.	1.0	2