

Janna Shainsky-Roitman

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11332202/publications.pdf>

Version: 2024-02-01

19
papers

1,456
citations

623188

14
h-index

794141

19
g-index

20
all docs

20
docs citations

20
times ranked

2343
citing authors

#	ARTICLE	IF	CITATIONS
1	Biocompatibility, biodegradation and excretion of polylactic acid (PLA) in medical implants and theranostic systems. <i>Chemical Engineering Journal</i> , 2018, 340, 9-14.	6.6	482
2	Collagenase Nanoparticles Enhance the Penetration of Drugs into Pancreatic Tumors. <i>ACS Nano</i> , 2019, 13, 11008-11021.	7.3	209
3	Integrating Artificial Intelligence and Nanotechnology for Precision Cancer Medicine. <i>Advanced Materials</i> , 2020, 32, e1901989.	11.1	187
4	Therapeutic nanoparticles penetrate leaves and deliver nutrients to agricultural crops. <i>Scientific Reports</i> , 2018, 8, 7589.	1.6	145
5	Synthetic Cells Synthesize Therapeutic Proteins inside Tumors. <i>Advanced Healthcare Materials</i> , 2018, 7, e1701163.	3.9	100
6	Sodium bicarbonate nanoparticles modulate the tumor pH and enhance the cellular uptake of doxorubicin. <i>Journal of Controlled Release</i> , 2019, 296, 1-13.	4.8	61
7	Tailoring the lipid composition of nanoparticles modulates their cellular uptake and affects the viability of triple negative breast cancer cells. <i>Journal of Controlled Release</i> , 2019, 307, 331-341.	4.8	58
8	Autonomous bacterial nanoswimmers target cancer. <i>Journal of Controlled Release</i> , 2017, 257, 68-75.	4.8	39
9	A Simple and Rapid Method for Preparing a Cell-Free Bacterial Lysate for Protein Synthesis. <i>PLoS ONE</i> , 2016, 11, e0165137.	1.1	38
10	Nanoparticles target early-stage breast cancer metastasis <i>in vivo</i> . <i>Nanotechnology</i> , 2017, 28, 43LT01.	1.3	33
11	Synthetic cells with self-activating optogenetic proteins communicate with natural cells. <i>Nature Communications</i> , 2022, 13, 2328.	5.8	23
12	Targeting neurons in the tumor microenvironment with bupivacaine nanoparticles reduces breast cancer progression and metastases. <i>Science Advances</i> , 2021, 7, eabj5435.	4.7	21
13	Proteolytic Nanoparticles Replace a Surgical Blade by Controllably Remodeling the Oral Connective Tissue. <i>ACS Nano</i> , 2018, 12, 1482-1490.	7.3	18
14	Anti-viral RNAi nanoparticles protect shrimp against white spot disease. <i>Molecular Systems Design and Engineering</i> , 2018, 3, 38-48.	1.7	15
15	Nanoparticles Accumulate in the Female Reproductive System during Ovulation Affecting Cancer Treatment and Fertility. <i>ACS Nano</i> , 2022, 16, 5246-5257.	7.3	12
16	Preparing Protein Producing Synthetic Cells using Cell Free Bacterial Extracts, Liposomes and Emulsion Transfer. <i>Journal of Visualized Experiments</i> , 2020, , .	0.2	9
17	The Evolution of Tumor-Targeted Drug Delivery: From the EPR Effect to Nanoswimmers. <i>Israel Journal of Chemistry</i> , 2013, 53, 719-727.	1.0	2
18	Synthetic Cells: Synthetic Cells Synthesize Therapeutic Proteins inside Tumors (<i>Adv. Healthcare Mater.</i>)	Tj ETQq0 0.0,rgBT /O	verlock 10

#	ARTICLE	IF	CITATIONS
19	Cancer Treatment: Integrating Artificial Intelligence and Nanotechnology for Precision Cancer Medicine (Adv. Mater. 13/2020). Advanced Materials, 2020, 32, 2070100.	11.1	2