

# Ana Jaklenec

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

2,805  
citations

393982

19  
h-index

676716

22  
g-index

22  
all docs

22  
docs citations

22  
times ranked

4352  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lipid Nanoparticle Assisted mRNA Delivery for Potent Cancer Immunotherapy. <i>Nano Letters</i> , 2017, 17, 1326-1335.	4.5	506
2	mRNA vaccine delivery using lipid nanoparticles. <i>Therapeutic Delivery</i> , 2016, 7, 319-334.	1.2	414
3	Layer-by-Layer Encapsulation of Probiotics for Delivery to the Microbiome. <i>Advanced Materials</i> , 2016, 28, 9486-9490.	11.1	239
4	Biocompatible Semiconductor Quantum Dots as Cancer Imaging Agents. <i>Advanced Materials</i> , 2018, 30, e1706356.	11.1	227
5	Sequential release of bioactive IGF-I and TGF- $\beta$ 1 from PLGA microsphere-based scaffolds. <i>Biomaterials</i> , 2008, 29, 1518-1525.	5.7	167
6	Fabrication of fillable microparticles and other complex 3D microstructures. <i>Science</i> , 2017, 357, 1138-1142.	6.0	163
7	Great Expectations: Private Sector Activity in Tissue Engineering, Regenerative Medicine, and Stem Cell Therapeutics. <i>Tissue Engineering - Part A</i> , 2008, 14, 305-315.	1.6	159
8	Novel scaffolds fabricated from protein-loaded microspheres for tissue engineering. <i>Biomaterials</i> , 2008, 29, 185-192.	5.7	135
9	Engineered PLGA microparticles for long-term, pulsatile release of STING agonist for cancer immunotherapy. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	117
10	A Potential Approach for Decreasing the Burst Effect of Protein from PLGA Microspheres. <i>Journal of Pharmaceutical Sciences</i> , 2003, 92, 1582-1591.	1.6	116
11	Progress in the Tissue Engineering and Stem Cell Industry – Are we there yet? <i>Tissue Engineering - Part B: Reviews</i> , 2012, 18, 155-166.	2.5	105
12	Biocompatible near-infrared quantum dots delivered to the skin by microneedle patches record vaccination. <i>Science Translational Medicine</i> , 2019, 11, .	5.8	95
13	Single-injection vaccines: Progress, challenges, and opportunities. <i>Journal of Controlled Release</i> , 2015, 219, 596-609.	4.8	80
14	Vaccine delivery systems toward lymph nodes. <i>Advanced Drug Delivery Reviews</i> , 2021, 179, 113914.	6.6	62
15	Thermostabilization of inactivated polio vaccine in PLGA-based microspheres for pulsatile release. <i>Journal of Controlled Release</i> , 2016, 233, 101-113.	4.8	48
16	Stabilized single-injection inactivated polio vaccine elicits a strong neutralizing immune response. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E5269-E5278.	3.3	44
17	Modeling, design, and machine learning-based framework for optimal injectability of microparticle-based drug formulations. <i>Science Advances</i> , 2020, 6, eabb6594.	4.7	42
18	Immunogenicity of pulsatile-release PLGA microspheres for single-injection vaccination. <i>Vaccine</i> , 2018, 36, 3161-3168.	1.7	41

#	ARTICLE	IF	CITATIONS
19	A heat-stable microparticle platform for oral micronutrient delivery. <i>Science Translational Medicine</i> , 2019, 11, .	5.8	20
20	Experimental and computational understanding of pulsatile release mechanism from biodegradable core-shell microparticles. <i>Science Advances</i> , 2022, 8, .	4.7	16
21	Micromolding of Thermoplastic Polymers for Direct Fabrication of Discrete, Multilayered Microparticles. <i>Small Methods</i> , 2022, 6, .	4.6	6
22	From Molecule to Patient: A Biotech Perspective. <i>Clinical Pharmacology and Therapeutics</i> , 2020, 107, 65-67.	2.3	3