

James I Andorko

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,055
citations

471509

17
h-index

677142

22
g-index

25
all docs

25
docs citations

25
times ranked

1544
citing authors

#	ARTICLE	IF	CITATIONS
1	Designing biomaterials with immunomodulatory properties for tissue engineering and regenerative medicine. <i>Bioengineering and Translational Medicine</i> , 2017, 2, 139-155.	7.1	154
2	Reprogramming the Local Lymph Node Microenvironment Promotes Tolerance that Is Systemic and Antigen Specific. <i>Cell Reports</i> , 2016, 16, 2940-2952.	6.4	127
3	Interleukin 17 and senescent cells regulate the foreign body response to synthetic material implants in mice and humans. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	99
4	Intrinsic immunogenicity of rapidly-degradable polymers evolves during degradation. <i>Acta Biomaterialia</i> , 2016, 32, 24-34.	8.3	81
5	Harnessing Biomaterials to Engineer the Lymph Node Microenvironment for Immunity or Tolerance. <i>AAPS Journal</i> , 2015, 17, 323-338.	4.4	74
6	Design of Polyelectrolyte Multilayers to Promote Immunological Tolerance. <i>ACS Nano</i> , 2016, 10, 9334-9345.	14.6	68
7	Engineering Immunological Tolerance Using Quantum Dots to Tune the Density of Self-Antigen Display. <i>Advanced Functional Materials</i> , 2017, 27, 1700290.	14.9	67
8	Modular Vaccine Design Using Carrier-Free Capsules Assembled from Polyionic Immune Signals. <i>ACS Biomaterials Science and Engineering</i> , 2015, 1, 1200-1205.	5.2	57
9	Polyplexes assembled from self-peptides and regulatory nucleic acids blunt toll-like receptor signaling to combat autoimmunity. <i>Biomaterials</i> , 2017, 118, 51-62.	11.4	52
10	Computational reconstruction of the signalling networks surrounding implanted biomaterials from single-cell transcriptomics. <i>Nature Biomedical Engineering</i> , 2021, 5, 1228-1238.	22.5	40
11	Assembly and Immunological Processing of Polyelectrolyte Multilayers Composed of Antigens and Adjuvants. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 18722-18731.	8.0	38
12	Intra-lymph Node Injection of Biodegradable Polymer Particles. <i>Journal of Visualized Experiments</i> , 2014, , e50984.	0.3	33
13	Impact of molecular weight on the intrinsic immunogenic activity of poly(beta amino esters). <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 1219-1229.	4.0	33
14	Polyplex interaction strength as a driver of potency during cancer immunotherapy. <i>Nano Research</i> , 2018, 11, 5642-5656.	10.4	24
15	Type 2 immunity induced by bladder extracellular matrix enhances corneal wound healing. <i>Science Advances</i> , 2021, 7, .	10.3	22
16	Impact of dose, route, and composition on the immunogenicity of immune polyelectrolyte multilayers delivered on gold templates. <i>Biotechnology and Bioengineering</i> , 2017, 114, 423-431.	3.3	21
17	Balancing stealth and echogenic properties in an ultrasound contrast agent with drug delivery potential. <i>Biomaterials</i> , 2016, 103, 197-206.	11.4	20
18	Targeted Programming of the Lymph Node Environment Causes Evolution of Local and Systemic Immunity. <i>Cellular and Molecular Bioengineering</i> , 2016, 9, 418-432.	2.1	13

#	ARTICLE	IF	CITATIONS
19	Lipid tethering of breast tumor cells enables real-time imaging of free-floating cell dynamics and drug response. <i>Oncotarget</i> , 2016, 7, 10486-10497.	1.8	10
20	Extracting microtentacle dynamics of tumor cells in a non-adherent environment. <i>Oncotarget</i> , 2017, 8, 111567-111580.	1.8	9
21	Spatial delivery of immune cues to lymph nodes to define therapeutic outcomes in cancer vaccination. <i>Biomaterials Science</i> , 2022, 10, 4612-4626.	5.4	2