

Eric M Sussman

List of Publications by Year in descending order

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16
papers

1,194
citations

759233

12
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

2197
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical Characterization and Non-targeted Analysis of Medical Device Extracts: A Review of Current Approaches, Gaps, and Emerging Practices. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 939-963.	5.2	16
2	Temperature dependence of nickel ion release from nitinol medical devices. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2021, 109, 1188-1197.	3.4	8
3	Aseptic and septic prosthetic joint loosening: Impact of biomaterial wear on immune cell function, inflammation, and infection. <i>Biomaterials</i> , 2021, 278, 121127.	11.4	67
4	An Introduction to the Benchmarking and Publications for Non-Targeted Analysis Working Group. <i>Analytical Chemistry</i> , 2021, 93, 16289-16296.	6.5	30
5	Screening for extractables in additive-manufactured acrylonitrile butadiene styrene orthopedic cast. <i>Talanta</i> , 2020, 212, 120464.	5.5	9
6	Leveraging Extraction Testing to Predict Patient Exposure to Polymeric Medical Device Leachables Using Physics-based Models. <i>Toxicological Sciences</i> , 2020, 178, 201-211.	3.1	14
7	Cytotoxicity, cellular uptake and apoptotic responses in human coronary artery endothelial cells exposed to ultrasmall superparamagnetic iron oxide nanoparticles. <i>Journal of Applied Toxicology</i> , 2020, 40, 918-930.	2.8	25
8	Predicting patient exposure to nickel released from cardiovascular devices using multi-scale modeling. <i>Acta Biomaterialia</i> , 2018, 70, 304-314.	8.3	15
9	Different cytotoxicity responses to antimicrobial nanosilver coatings when comparing extract-based and direct-contact assays. <i>Journal of Applied Toxicology</i> , 2015, 35, 631-639.	2.8	22
10	Assessment of total silver and silver nanoparticle extraction from medical devices. <i>Food and Chemical Toxicology</i> , 2015, 85, 10-19.	3.6	20
11	Porous Implants Modulate Healing and Induce Shifts in Local Macrophage Polarization in the Foreign Body Reaction. <i>Annals of Biomedical Engineering</i> , 2014, 42, 1508-1516.	2.5	325
12	Amphiphilic Self-Assembled "Polymeric Drugs": Morphology, Properties, and Biological Behavior of Nanoparticles. <i>Biomacromolecules</i> , 2012, 13, 624-635.	5.4	12
13	Proangiogenic scaffolds as functional templates for cardiac tissue engineering. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 15211-15216.	7.1	575
14	Functionalized Solid Lipid Nanoparticles for Transendothelial Delivery. <i>IEEE Transactions on Nanobioscience</i> , 2008, 7, 28-34.	3.3	21
15	Single-Step Process to Produce Surface-Functionalized Polymeric Nanoparticles. <i>Langmuir</i> , 2007, 23, 12275-12279.	3.5	32
16	Nitinol Release of Nickel under Physiological Conditions: Effects of Surface Oxide, pH, Hydrogen Peroxide, and Sodium Hypochlorite. <i>Shape Memory and Superelasticity</i> , 0, , .	2.2	3