

# Eric M Sussman

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2485166/publications.pdf>

Version: 2024-02-01

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