

# Ryan Devine

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7703216/publications.pdf>

Version: 2024-02-01

10  
papers

285  
citations

933447

10  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

258  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioinspired ultra-low fouling coatings on medical devices to prevent device-associated infections and thrombosis. <i>Journal of Colloid and Interface Science</i> , 2022, 608, 1015-1024.	9.4	26
2	Bio-inspired hemocompatible surface modifications for biomedical applications. <i>Progress in Materials Science</i> , 2022, 130, 100997.	32.8	23
3	Characterization of a nitric oxide (NO) donor molecule and cerium oxide nanoparticle (CNP) interactions and their synergistic antimicrobial potential for biomedical applications. <i>Journal of Colloid and Interface Science</i> , 2021, 586, 163-177.	9.4	33
4	Highly hydrophobic polytetrafluoroethylene particle immobilization via polydopamine anchor layer on nitric oxide releasing polymer for biomedical applications. <i>Journal of Colloid and Interface Science</i> , 2021, 585, 716-728.	9.4	13
5	Development of Novel Amphotericin B-Immobilized Nitric Oxide-Releasing Platform for the Prevention of Broad-Spectrum Infections and Thrombosis. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 19613-19624.	8.0	17
6	Silk Nanoparticles: A Natural Polymeric Platform for Nitric Oxide Delivery in Biomedical Applications. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 53615-53623.	8.0	26
7	Fabrication of Bacteria- and Blood-Repellent Superhydrophobic Polyurethane Sponge Materials. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 51160-51173.	8.0	46
8	Mimicking the Endothelium: Dual Action Heparinized Nitric Oxide Releasing Surface. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 20158-20171.	8.0	31
9	Versatile biomimetic medical device surface: hydrophobin coated, nitric oxide-releasing polymer for antimicrobial and hemocompatible applications. <i>Biomaterials Science</i> , 2019, 7, 3438-3449.	5.4	23
10	Catalyzed Nitric Oxide Release via Cu Nanoparticles Leads to an Increase in Antimicrobial Effects and Hemocompatibility for Short-Term Extracorporeal Circulation. <i>ACS Applied Bio Materials</i> , 2019, 2, 2539-2548.	4.6	47