

# 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

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1372567

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docs citations

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times ranked

258  
citing authors

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