

# Jitendra Pant

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

901  
citations

567144

15  
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677027

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23  
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23  
docs citations

23  
times ranked

1005  
citing authors

#	ARTICLE	IF	CITATIONS
1	Physicochemical properties and cytotoxicity of brown carbon produced under different combustion conditions. <i>Atmospheric Environment</i> , 2021, 244, 117881.	1.9	14
2	Covalently Bound <i>S</i> -Nitroso- <i>N</i> -Acetylpenicillamine to Electrospun Polyacrylonitrile Nanofibers for Multifunctional Tissue Engineering Applications. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 5279-5287.	2.6	7
3	Highly Efficient Antimicrobial Activity of $Cu_xFe_yO_z$ Nanoparticles against Important Human Pathogens. <i>Nanomaterials</i> , 2020, 10, 2294.	1.9	6
4	Electrospun Bioabsorbable Fibers Containing <i>S</i> -Nitrosoglutathione for Tissue Engineering Applications. <i>ACS Applied Bio Materials</i> , 2020, 3, 7677-7686.	2.3	8
5	H <sub>2</sub> S-Releasing Composite: a Gasotransmitter Platform for Potential Biomedical Applications. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 2062-2071.	2.6	9
6	Antibacterial and Cellular Response Toward a Gasotransmitter-Based Hybrid Wound Dressing. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 4002-4012.	2.6	20
7	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.	2.3	47
8	Zinc oxide nanoparticles act catalytically and synergistically with nitric oxide donors to enhance antimicrobial efficacy. <i>Journal of Biomedical Materials Research - Part A</i> , 2019, 107, 1425-1433.	2.1	28
9	Antibacterial 3D bone scaffolds for tissue engineering application. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019, 107, 1068-1078.	1.6	18
10	Nitric oxide-releasing antibacterial albumin plastic for biomedical applications. <i>Journal of Biomedical Materials Research - Part A</i> , 2018, 106, 1535-1542.	2.1	7
11	4D Biofabrication: 3D Cell Patterning Using Shape-Changing Films. <i>Advanced Functional Materials</i> , 2018, 28, 1706248.	7.8	55
12	Nitric oxide releasing vascular catheters for eradicating bacterial infection. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018, 106, 2849-2857.	1.6	58
13	Biotemplated Synthesis and Characterization of Mesoporous Nitric Oxide-Releasing Diatomaceous Earth Silica Particles. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 2291-2301.	4.0	32
14	Achieving Long-Term Biocompatible Silicone via Covalently Immobilized <i>S</i> -Nitroso- <i>N</i> -acetylpenicillamine (SNAP) That Exhibits 4 Months of Sustained Nitric Oxide Release. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 27316-27325.	4.0	57
15	Tunable Nitric Oxide Release from <i>S</i> -Nitroso- <i>N</i> -acetylpenicillamine via Catalytic Copper Nanoparticles for Biomedical Applications. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 15254-15264.	4.0	110
16	Enhanced antibacterial efficacy of nitric oxide releasing thermoplastic polyurethanes with antifouling hydrophilic topcoats. <i>Biomaterials Science</i> , 2017, 5, 1246-1255.	2.6	62
17	Liquid-infused nitric oxide-releasing (LINORel) silicone for decreased fouling, thrombosis, and infection of medical devices. <i>Scientific Reports</i> , 2017, 7, 13623.	1.6	93
18	A multi-defense strategy: Enhancing bactericidal activity of a medical grade polymer with a nitric oxide donor and surface-immobilized quaternary ammonium compound. <i>Acta Biomaterialia</i> , 2017, 58, 421-431.	4.1	78

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19	Characterization of an S-nitroso-N-acetylpenicillamine-based nitric oxide releasing polymer from a translational perspective. International Journal of Polymeric Materials and Polymeric Biomaterials, 2016, 65, 769-778.	1.8	53
20	Surface Grafted Antimicrobial Polymer Networks with High Abrasion Resistance. ACS Biomaterials Science and Engineering, 2016, 2, 1169-1179.	2.6	49
21	Antimicrobial and Physicochemical Characterization of Biodegradable, Nitric Oxide-Releasing Nanocellulose-Chitosan Packaging Membranes. Journal of Agricultural and Food Chemistry, 2016, 64, 5260-5266.	2.4	78
22	Nitric oxide-releasing polyurethanes. , 2016, , 417-449.		10