

Antibacterial and Antiviral Functional Materials: Chemi Tackling COVID-19-like Pandemics

ACS Pharmacology and Translational Science

4, 8-54

DOI: [10.1021/acsptsci.0c00174](https://doi.org/10.1021/acsptsci.0c00174)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Chemical design principles of next-generation antiviral surface coatings. <i>Chemical Society Reviews</i> , 2021, 50, 9741-9765.	38.1	31
2	Functionality of nanomaterials and its technological aspects – Used in preventing, diagnosing and treating COVID-19. <i>Materials Today: Proceedings</i> , 2021, 47, 2337-2344.	1.8	7
3	New Insights into Antibacterial and Antifungal Properties, Cytotoxicity and Aquatic Ecotoxicity of Flame Retardant PA6/DOPO-Derivative Nanocomposite Textile Fibers. <i>Polymers</i> , 2021, 13, 905.	4.5	5
4	Polymeric surfaces with biocidal action: challenges imposed by the SARS-CoV-2, technologies employed, and future perspectives. <i>Journal of Polymer Research</i> , 2021, 28, 1.	2.4	7
5	Antiviral Nanomaterials for Designing Mixed Matrix Membranes. <i>Membranes</i> , 2021, 11, 458.	3.0	16
6	Biodegradable Nanofibrous Membranes for Medical and Personal Protection Applications: Manufacturing, Anti-COVID-19 and Anti-Multidrug Resistant Bacteria Evaluation. <i>Materials</i> , 2021, 14, 3862.	2.9	11
7	Reactive Fibrous Materials for Decontamination of Chemical and Biological Threats. <i>Key Engineering Materials</i> , 0, 893, 3-10.	0.4	1
8	Natural and synthetic functional materials for broad spectrum applications in antimicrobials, antivirals and cosmetics. <i>Polymers for Advanced Technologies</i> , 2021, 32, 4204-4222.	3.2	11
9	Antiviral properties of copper and its alloys to inactivate covid-19 virus: a review. <i>BioMetals</i> , 2021, 34, 1217-1235.	4.1	83
10	Efficacy of Bacterial Nanocellulose in Hard Tissue Regeneration: A Review. <i>Materials</i> , 2021, 14, 4777.	2.9	23
11	Synthesis of Antimicrobial Benzimidazole–Pyrazole Compounds and Their Biological Activities. <i>Antibiotics</i> , 2021, 10, 1002.	3.7	44
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14	Active bayerite underpinned Ag ₂ O/Ag: an efficient antibacterial nanohybrid combating microbial contamination. <i>Metalomics</i> , 2021, 13, .	2.4	6
15	Surface Design for Antibacterial Materials: From Fundamentals to Advanced Strategies. <i>Advanced Science</i> , 2021, 8, e2100368.	11.2	150
16	Theranostic Advances of Bionanomaterials against Gestational Diabetes Mellitus: A Preliminary Review. <i>Journal of Functional Biomaterials</i> , 2021, 12, 54.	4.4	21
17	DNA Studies: Latest Spectroscopic and Structural Approaches. <i>Micromachines</i> , 2021, 12, 1094.	2.9	1
18	Nanomaterials in the Management of Gram-Negative Bacterial Infections. <i>Nanomaterials</i> , 2021, 11, 2535.	4.1	23

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21	A reactive copper-organophosphate-MXene heterostructure enabled antibacterial, self-extinguishing and mechanically robust polymer nanocomposites. <i>Chemical Engineering Journal</i> , 2022, 430, 132712.	12.7	64
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39	A fluorescent nanoprobe based on AlEgen: Visualization of silver ions and sensing applications in cancer cells and <i>S. aureus</i> . <i>Dyes and Pigments</i> , 2022, 198, 110027.	3.7	6
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156	MXene-Based Functional Materials as Antibacterial and Antiviral Agents. ACS Symposium Series, 0, , 363-394.	0.5	0
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171	Chitosan-Based Structural Color Films for Humidity Sensing with Antiviral Effect. <i>Nanomaterials</i> , 2024, 14, 351.	4.1	0
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