Paul J Weldrick

List of Publications by Year
in descending order

11	212	1163117 8	1281871 11
papers	citations	h-index	g-index

11	11	11	195
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enhanced Clearing of Wound-Related Pathogenic Bacterial Biofilms Using Protease-Functionalized Antibiotic Nanocarriers. ACS Applied Materials & Interfaces, 2019, 11, 43902-43919.	8.0	49
2	Breathing new life into old antibiotics: overcoming antibacterial resistance by antibiotic-loaded nanogel carriers with cationic surface functionality. Nanoscale, 2019, 11, 10472-10485.	5.6	39
3	Amplified antimicrobial action of chlorhexidine encapsulated in PDAC-functionalized acrylate copolymer nanogel carriers. Materials Chemistry Frontiers, 2018, 2, 2032-2044.	5.9	25
4	Smart active antibiotic nanocarriers with protease surface functionality can overcome biofilms of resistant bacteria. Materials Chemistry Frontiers, 2021, 5, 961-972.	5.9	21
5	Emerging nanotechnologies for targeting antimicrobial resistance. Nanoscale, 2022, 14, 4018-4041.	5.6	20
6	Advanced Alcalase-Coated Clindamycin-Loaded Carbopol Nanogels for Removal of Persistent Bacterial Biofilms. ACS Applied Nano Materials, 2021, 4, 1187-1201.	5.0	17
7	Biofilm-Infected Human Clusteroid Three-Dimensional Coculture Platform to Replace Animal Models in Testing Antimicrobial Nanotechnologies. ACS Applied Materials & Interfaces, 2021, 13, 22182-22194.	8.0	17
8	Superenhanced Removal of Fungal Biofilms by Proteaseâ€Functionalized Amphotericin B Nanocarriers. Advanced NanoBiomed Research, 2021, 1, 2000027.	3.6	9
9	Enhanced clearing of Candida biofilms on a 3D urothelial cell in vitro model using lysozyme-functionalized fluconazole-loaded shellac nanoparticles. Biomaterials Science, 2021, 9, 6927-6939.	5.4	9
10	Targeted removal of blood cancer cells from mixed cell populations by cell recognition with matching particle imprints. Materials Chemistry Frontiers, 2020, 4, 197-205.	5.9	3
11	Overcoming Beta-Lactamase-Based Antimicrobial Resistance by Nanocarrier-Loaded Clavulanic Acid and Antibiotic Cotreatments. ACS Applied Bio Materials, 2022, 5, 3826-3840.	4.6	3