Sybil Akua Okyerewa Obuobi

List of Publications by Year
in descending order

14 papers	680 citations	840776 11 h-index	1058476 14 g-index
15 all docs	15 docs citations	15 times ranked	901 citing authors

#	Article	IF	Citations
1	Silica Nanoparticlesâ€"A Versatile Tool for the Treatment of Bacterial Infections. Frontiers in Chemistry, 2020, 8, 602.	3.6	167
2	Biomimicry of microbial polysaccharide hydrogels for tissue engineering and regenerative medicine â€" A review. Carbohydrate Polymers, 2020, 241, 116345.	10.2	99
3	Disruption of drug-resistant biofilms using de novo designed short Î±-helical antimicrobial peptides with idealized facial amphiphilicity. Acta Biomaterialia, 2017, 57, 103-114.	8.3	77
4	Biodegradable functional polycarbonate micelles for controlled release of amphotericin B. Acta Biomaterialia, 2016, 46, 211-220.	8.3	69
5	Facile and efficient encapsulation of antimicrobial peptides via crosslinked DNA nanostructures and their application in wound therapy. Journal of Controlled Release, 2019, 313, 120-130.	9.9	62
6	Wirelessly operated bioelectronic sutures for the monitoring of deep surgical wounds. Nature Biomedical Engineering, 2021, 5, 1217-1227.	22.5	47
7	Liposomal delivery of antibiotic loaded nucleic acid nanogels with enhanced drug loading and synergistic anti-inflammatory activity against S. aureus intracellular infections. Journal of Controlled Release, 2020, 324, 620-632.	9.9	40
8	Phenylboronic Acid Functionalized Polycarbonate Hydrogels for Controlled Release of Polymyxin B in Pseudomonas Aeruginosa Infected Burn Wounds. Advanced Healthcare Materials, 2018, 7, e1701388.	7.6	36
9	Improving Brain Drug Targeting Through Exploitation of The Nose-to- Brain Route: A Physiological and Pharmacokinetic Perspective. Current Drug Delivery, 2014, 11, 458-471.	1.6	24
10	Nucleic acid peptide nanogels for the treatment of bacterial keratitis. Nanoscale, 2020, 12, 17411-17425.	5.6	19
11	Antimicrobial and Antiâ€Biofilm Activities of Surface Engineered Polycationic Albumin Nanoparticles with Reduced Hemolytic Activity. Macromolecular Bioscience, 2018, 18, e1800196.	4.1	12
12	The role of modulation of antioxidant enzyme systems in the treatment of neurodegenerative diseases. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 194-204.	5.2	10
13	Biofilm Responsive Zwitterionic Antimicrobial Nanoparticles to Treat Cutaneous Infection. Biomacromolecules, 2022, 23, 303-315.	5.4	10
14	Nucleic Acid Hybrids as Advanced Antibacterial Nanocarriers. Pharmaceutics, 2020, 12, 643.	4.5	8