

Sybil Akua Okyerewa Obuobi

List of Publications by Year in descending order

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