

Raghavendra Ramalingam

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

426
citations

933447

10
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

461
citing authors

#	ARTICLE	IF	CITATIONS
1	Coreâ€“Shell Structured Antimicrobial Nanofiber Dressings Containing Herbal Extract and Antibiotics Combination for the Prevention of Biofilms and Promotion of Cutaneous Wound Healing. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 24356-24369.	8.0	61
2	Poly-Îµ-Caprolactone/Gelatin Hybrid Electrospun Composite Nanofibrous Mats Containing Ultrasound Assisted Herbal Extract: Antimicrobial and Cell Proliferation Study. <i>Nanomaterials</i> , 2019, 9, 462.	4.1	58
3	Antimicrobial properties and biocompatibility of electrospun poly-Îµ-caprolactone fibrous mats containing <i>Gymnema sylvestre</i> leaf extract. <i>Materials Science and Engineering C</i> , 2019, 98, 503-514.	7.3	58
4	Biocompatible Aloe vera and Tetracycline Hydrochloride Loaded Hybrid Nanofibrous Scaffolds for Skin Tissue Engineering. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5174.	4.1	55
5	Characterization, antibacterial and photocatalytic evaluation of green synthesized copper oxide nanoparticles. <i>Biocatalysis and Agricultural Biotechnology</i> , 2021, 31, 101904.	3.1	46
6	Green synthesis, characterization and antibacterial evaluation of electrospun nickel oxide nanofibers. <i>Materials Letters</i> , 2019, 256, 126616.	2.6	34
7	Copper oxide nanoparticles infused electrospun polycaprolactone/gelatin scaffold as an antibacterial wound dressing. <i>Materials Letters</i> , 2021, 294, 129787.	2.6	34
8	Wound healing properties of magnesium mineralized antimicrobial nanofibre dressings containing chondroitin sulphate â€“ a comparison between blend and coreâ€“shell nanofibres. <i>Biomaterials Science</i> , 2020, 8, 3454-3471.	5.4	22
9	Modulation of biological properties by grain refinement and surface modification on titanium surfaces for implant-related infections. <i>Journal of Materials Science</i> , 2019, 54, 13265-13282.	3.7	15
10	Synthesis and characterization of magnetite carbon nanocomposite from agro waste as chromium adsorbent for effluent treatment. <i>Environmental Research</i> , 2021, 202, 111669.	7.5	15
11	Synthesis and characterization of polyphenols functionalized graphitic hematite nanocomposite adsorbent from an agro waste and its application for removal of Cs from aqueous solution. <i>Chemosphere</i> , 2022, 286, 131493.	8.2	10
12	Fabrication, characterization and in vitro evaluation of <i>Melia dubia</i> extract infused nanofibers for wound dressing. <i>Journal of King Saud University - Science</i> , 2022, 34, 101931.	3.5	9
13	Effect of gamma sterilization on <i>Gymnema sylvestre</i> leaf extract fused Polycaprolactone nanofiber for effective wound dressing applications. <i>Materials Letters</i> , 2021, 300, 130145.	2.6	7
14	Advances and applications of biofiber polymer composites in regenerative medicine. , 2022, , 275-314.		2