

Ahmed Bakr

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

271
citations

933447

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1281871

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times ranked

199
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Identification of Fe ³⁺ co-doped zinc titanate mesostructures using dielectric and antimicrobial activities. International Journal of Environmental Science and Technology, 2020, 17, 4481-4494. | 3.5 | 38 |
| 2 | Sol-gel synthesis and physical characterization of high impact polystyrene nanocomposites based on Fe ₂ O ₃ doped with ZnO. Applied Physics A: Materials Science and Processing, 2020, 126, 1. | 2.3 | 38 |
| 3 | Microstructure and Antimicrobial Properties of Bioactive Cobalt Co-Doped Copper Aluminosilicate Nanocrystallines. Silicon, 2020, 12, 2317-2327. | 3.3 | 36 |
| 4 | Graphene oxide porous crosslinked cellulose nanocomposite microspheres for lead removal: Kinetic study. Reactive and Functional Polymers, 2016, 101, 9-19. | 4.1 | 34 |
| 5 | High performance of talented copper/magneso-zinc titanate nanostructures as biocidal agents for inactivation of pathogens during wastewater disinfection. Applied Nanoscience (Switzerland), 2020, 10, 3585-3601. | 3.1 | 25 |
| 6 | Exploring the ferroelectric effect of nanocrystalline strontium zinc titanate/Cu: Raman and antimicrobial activity. Journal of Materials Science: Materials in Electronics, 2020, 31, 7850-7861. | 2.2 | 25 |
| 7 | Decontamination of ubiquitous harmful microbial lineages in water using an innovative Zn ₂ Ti _{0.8} Fe _{0.2} O ₄ nanostructure: dielectric and terahertz properties. Heliyon, 2019, 5, e02501. | 3.2 | 23 |
| 8 | Characterization and antibacterial activity of Streptomycin Sulfate loaded Bioglass/Chitosan beads for bone tissue engineering. Journal of Molecular Structure, 2021, 1227, 129715. | 3.6 | 17 |
| 9 | Adjustment of morphological and dielectric properties of ZnTiO ₃ nanocrystalline using Al ₂ O ₃ nanoparticles. Applied Physics A: Materials Science and Processing, 2019, 125, 1. | 2.3 | 14 |
| 10 | Eco-friendly zeolite/alginate microspheres for Ni ions removal from aqueous solution: Kinetic and isotherm study. Journal of Molecular Structure, 2021, 1241, 130605. | 3.6 | 11 |
| 11 | Terahertz and UV-VIS Spectroscopy Evaluation of Copper Doped Zinc Magnesium Titanate Nanoceramics Prepared via Sol-Gel Method. ECS Journal of Solid State Science and Technology, 2021, 10, 063007. | 1.8 | 10 |