

# Mostafa Farouk Al-Hakkani

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

728  
citations

777949

13  
h-index

1051228

16  
g-index

17  
all docs

17  
docs citations

17  
times ranked

581  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tailoring of Novel Azithromycin-Loaded Zinc Oxide Nanoparticles for Wound Healing. <i>Pharmaceutics</i> , 2022, 14, 111.	2.0	67
2	Cefixime wastewater management via bioengineered Hematite nanoparticles and the in-vitro synergetic potential multifunction activities of Cefixime@Hematite nanosystem. <i>Surfaces and Interfaces</i> , 2022, 30, 101877.	1.5	10
3	Environmentally azithromycin pharmaceutical wastewater management and synergetic biocompatible approaches of loaded azithromycin@hematite nanoparticles. <i>Scientific Reports</i> , 2022, 12, .	1.6	10
4	Cefotaxime removal enhancement via bio-nanophotocatalyst $\text{Fe}_2\text{O}_3$ using photocatalytic degradation technique and its echo-biomedical applications. <i>Scientific Reports</i> , 2022, 12, .	1.6	20
5	A review of green methods for phyto-fabrication of hematite ( $\text{Fe}_2\text{O}_3$ ) nanoparticles and their characterization, properties, and applications. <i>Heliyon</i> , 2021, 7, e05806.	1.4	75
6	Novel Green Biosynthesis of 5-Fluorouracil Chromium Nanoparticles Using <i>Harpullia pendula</i> Extract for Treatment of Colorectal Cancer. <i>Pharmaceutics</i> , 2021, 13, 226.	2.0	46
7	<i>Echinacea purpurea</i> Mediated Hematite Nanoparticles ( $\text{Fe}_2\text{O}_3$ -HNPs) Biofabrication, Characterization, Physicochemical Properties, and its In-vitro Biocompatibility Evaluation. <i>Surfaces and Interfaces</i> , 2021, 24, 101113.	1.5	20
8	Bioengineering, characterization, and biological activities of C@CuO@Cu nanocomposite based-mediated the <i>Vicia faba</i> seeds aqueous extract. <i>Journal of Materials Research and Technology</i> , 2021, 14, 1998-2016.	2.6	25
9	Fully investigation of rp- hplc analytical method validation parameters for determination of cefixime traces in the different pharmaceutical dosage forms and urine analysis. <i>ACTA Pharmaceutica Scientia</i> , 2021, 59, 631.	0.1	6
10	Biosynthesis, Characterization, and Wound-Healing Activity of Phenytoin-Loaded Copper Nanoparticles. <i>AAPS PharmSciTech</i> , 2020, 21, 175.	1.5	30
11	Biogenic copper nanoparticles and their applications: A review. <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	98
12	Green-synthesized copper nano-adsorbent for the removal of pharmaceutical pollutants from real wastewater samples. <i>Heliyon</i> , 2019, 5, e02339.	1.4	91
13	Guideline of inductively coupled plasma mass spectrometry (ICP-MS) fundamentals, practices, determination of the limits, quality control, and method validation parameters. <i>SN Applied Sciences</i> , 2019, 1, 1.	1.5	43
14	A rapid, developed and validated RP-HPLC method for determination of azithromycin. <i>SN Applied Sciences</i> , 2019, 1, 1.	1.5	26
15	Forced degradation study with a developed and validated RP-HPLC method for determination of cefpodoxime proxetil in the bulk and finished pharmaceutical products. <i>Journal of the Iranian Chemical Society</i> , 2019, 16, 1571-1578.	1.2	18
16	Biosynthesis of copper nanoparticles using aqueous <i>Tilia</i> extract: antimicrobial and anticancer activities. <i>Heliyon</i> , 2018, 4, e01077.	1.4	125
17	HPLC Analytical Method Validation for Determination of Cefotaxime in the Bulk and Finished Pharmaceutical Dosage Form. <i>Sustainable Chemical Engineering</i> , 0, , 33-42.	0.0	18