

Mukhtar H Ahmed

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,203
citations

516215

16
h-index

610482

24
g-index

28
all docs

28
docs citations

28
times ranked

1649
citing authors

#	ARTICLE	IF	CITATIONS
1	Biodiesel production from used cooking oil using a novel surface functionalised TiO ₂ nano-catalyst. <i>Applied Catalysis B: Environmental</i> , 2017, 207, 297-310.	10.8	175
2	Dexamethasone for the Treatment of Coronavirus Disease (COVID-19): a Review. <i>SN Comprehensive Clinical Medicine</i> , 2020, 2, 2637-2646.	0.3	149
3	Synthesis of Ti(SO ₄) ₂ solid acid nano-catalyst and its application for biodiesel production from used cooking oil. <i>Applied Catalysis A: General</i> , 2016, 527, 81-95.	2.2	138
4	Comparison between FTIR and XPS characterization of amino acid glycine adsorption onto diamond-like carbon (DLC) and silicon doped DLC. <i>Applied Surface Science</i> , 2013, 273, 507-514.	3.1	122
5	Green and eco-friendly synthesis of Nickel oxide nanoparticles and its photocatalytic activity for methyl orange degradation. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 11303-11316.	1.1	95
6	Ag(I)-benzisothiazolinone complex: synthesis, characterization, H ₂ storage ability, nano transformation to different Ag nanostructures and Ag nanoflakes antimicrobial activity. <i>Materials Research Express</i> , 2019, 6, 125071.	0.8	68
7	Study of Human Serum Albumin Adsorption and Conformational Change on DLC and Silicon Doped DLC Using XPS and FTIR Spectroscopy. <i>Journal of Biomaterials and Nanobiotechnology</i> , 2013, 04, 194-203.	1.0	67
8	A novel synthesis of MnO ₂ nanoflowers as an efficient heterogeneous catalyst for oxidative desulfurization of thiophenes. <i>Nano Structures Nano Objects</i> , 2019, 20, 100392.	1.9	55
9	Adsorption and photocatalytic degradation of human serum albumin on TiO ₂ and Ag@TiO ₂ films. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2011, 222, 123-131.	2.0	40
10	Effect of surface structure and wettability of DLC and N-DLC thin films on adsorption of glycine. <i>Applied Surface Science</i> , 2012, 258, 5166-5174.	3.1	33
11	Evaluation of glycine adsorption on diamond like carbon (DLC) and fluorinated DLC deposited by plasma-enhanced chemical vapour deposition (PECVD). <i>Surface and Coatings Technology</i> , 2012, 209, 8-14.	2.2	33
12	The photocatalytic inactivation effect of Ag@TiO ₂ on β -amyloid peptide (1-42). <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2013, 254, 1-11.	2.0	30
13	Topical siRNA delivery to the cornea and anterior eye by hybrid silicon-lipid nanoparticles. <i>Journal of Controlled Release</i> , 2020, 326, 192-202.	4.8	28
14	Glycine Adsorption onto DLC and N-DLC Thin Films Studied by XPS and AFM. <i>E-Journal of Surface Science and Nanotechnology</i> , 2009, 7, 217-224.	0.1	26
15	Characteristic of silicon doped diamond like carbon thin films on surface properties and human serum albumin adsorption. <i>Diamond and Related Materials</i> , 2015, 55, 108-116.	1.8	25
16	The impact of functional food in prevention of malnutrition. <i>PharmaNutrition</i> , 2022, 19, 100288.	0.8	21
17	Scolicidal activity of biosynthesized zinc oxide nanoparticles by <i>Mentha longifolia</i> L. leaves against <i>Echinococcus granulosus</i> protoscolices. <i>Emergent Materials</i> , 2022, 5, 683-693.	3.2	20
18	The Role of Micronutrients to Support Immunity for COVID-19 Prevention. <i>Revista Brasileira De Farmacognosia</i> , 2021, 31, 361-374.	0.6	18

#	ARTICLE	IF	CITATIONS
19	Assessment of the Therapeutic Efficacy of Silver Nanoparticles against Secondary Cystic Echinococcosis in BALB/c Mice. <i>Surfaces</i> , 2022, 5, 91-112.	1.0	12
20	Investigation of the inhibitory effects of TiO ₂ on the I ² -amyloid peptide aggregation. <i>Materials Science and Engineering C</i> , 2014, 39, 227-234.	3.8	11
21	A review on bi/multifunctional catalytic oxydehydration of bioglycerol to acrylic acid: Catalyst type, kinetics, and reaction mechanism. <i>Canadian Journal of Chemical Engineering</i> , 2022, 100, 2956-2985.	0.9	11
22	Characteristics and applications of titanium oxide as a biomaterial for medical implants. , 2012, , 1-57.		9
23	Vibrational and AFM studies of adsorption of glycine on DLC and silicon-doped DLC. <i>Journal of Materials Science</i> , 2012, 47, 1729-1736.	1.7	8
24	Kinetics and thermodynamics of human serum albumin adsorption on silicon doped diamond like carbon. <i>Materials Chemistry and Physics</i> , 2015, 154, 84-93.	2.0	7
25	In vitro evaluation of novel (nanoparticle) oral delivery systems allow selection of gut immunomodulatory formulations. <i>Fish and Shellfish Immunology</i> , 2021, 113, 125-138.	1.6	2
26	THE IMPACT OF COVID-19 VACCINATION ON HUMANSâ€™™ PSYCHO-SOCIAL BEHAVIOUR: SCIENTIFIC LITERATURE REVIEW. , 2021, , .		0
27	Egysejt-fehÅ©rje elÅ‘Ã¡llÃ¡sa Ã¡llati takarmÃ¡nyozÃ¡shoz fermentÃ¡ciÃ³s biotechnolÃ³giÃ¡val. <i>Elelmiszervizsgalati Kozlemenyek</i> , 2022, 68, 3888-3895.	0.1	0
28	Production of Single Cell Protein by the fermentation biotechnology for Animal Feeding. <i>Elelmiszervizsgalati Kozlemenyek</i> , 2022, 68, 3896-3903.	0.1	0