

Mohammed A Al-Omair

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Synthesis and Characterization of Zn ²⁺ -Organic Frameworks Containing Chitosan as a Low-Cost Inhibitor for Sulfuric-Acid-Induced Steel Corrosion: Practical and Computational Exploration. <i>Polymers</i> , 2022, 14, 228.	2.0	20
2	Nanocomposite ²⁺ -based inorganic ²⁺ -organocatalyst Cu(II) complex and SiO ₂ ²⁺ -and Fe ₃ O ₄ nanoparticles as low ²⁺ -cost and efficient catalysts for aniline and 2 ⁺ -aminopyridine oxidation. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5999.	1.7	13
3	Catalytic comparison of various polar Zn(II)-Schiff base complexes and VO(II)-Schiff base complexes in (ep)oxidation processes of 1,2-cyclohexene and cyclohexane. <i>Research on Chemical Intermediates</i> , 2019, 45, 4653-4675.	1.3	29
4	Enhanced adsorption and removal of urea from aqueous solutions using eco-friendly iron phosphate nanoparticles. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 102939.	3.3	15
5	Efficient route synthesis of new polythiazoles and their inhibition characteristics of mild-steel corrosion in acidic chloride medium. <i>Journal of Molecular Structure</i> , 2019, 1184, 452-461.	1.8	31
6	Biochemical activities and electronic spectra of different cobalt phenanthroline complexes. <i>Arabian Journal of Chemistry</i> , 2019, 12, 1061-1069.	2.3	13
7	Synthesis and Biological Evaluation of Bisthiazoles and Polythiazoles. <i>Molecules</i> , 2018, 23, 1133.	1.7	17
8	Reflux-based synthesis and electrocatalytic characteristics of nickel phosphate nanoparticles. <i>Journal of Power Sources</i> , 2017, 342, 1032-1039.	4.0	60
9	Electrocatalytic Oxidation of Glucose at Nickel Phosphate Nano/Micro Particles Modified Electrode. <i>Electrocatalysis</i> , 2017, 8, 340-350.	1.5	36
10	Protective effect of α -lipoic acid against α -cypermethrin-induced changes in rat cerebellum. <i>Journal of Chemical Neuroanatomy</i> , 2017, 86, 52-58.	1.0	12
11	Synthesis, antimicrobial, DNA cleavage and antioxidant activities of tricyclic sultams derived from saccharin. <i>European Journal of Medicinal Chemistry</i> , 2017, 139, 107-113.	2.6	20
12	Ameliorative Potentials of Quercetin against Lead-Induced Hematological and Testicular Alterations in Albino Rats. <i>Chinese Journal of Physiology</i> , 2017, 60, 54-61.	0.4	15
13	Biodegradable/biocompatible coated metal implants for orthopedic applications. <i>Bio-Medical Materials and Engineering</i> , 2016, 27, 87-99.	0.4	29
14	Therapeutic and Biochemical Effects of Garlic (<i>Allium sativum</i>) on Acrylamide Toxicity in Rabbits: Glycolytic Pathway. <i>International Journal of Pharmacology</i> , 2016, 12, 429-434.	0.1	1
15	Synthesis of Novel Triazoles, Tetrazine, Thiadiazoles and Their Biological Activities. <i>Molecules</i> , 2015, 20, 2591-2610.	1.7	29
16	Synthesis of Antibacterial Silver ²⁺ -Poly(ϵ -caprolactone)-Methacrylic Acid Graft Copolymer Nanofibers and Their Evaluation as Potential Wound Dressing. <i>Polymers</i> , 2015, 7, 1464-1475.	2.0	16
17	Free Radical-Scavenging, Anti-Inflammatory/Anti-Fibrotic and Hepatoprotective Actions of Taurine and Silymarin against CCl ₄ Induced Rat Liver Damage. <i>PLoS ONE</i> , 2015, 10, e0144509.	1.1	120
18	Development of silver-containing nanocellulosics for effective water disinfection. <i>Cellulose</i> , 2014, 21, 1965-1974.	2.4	11

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19	Genetic characterization of Escherichia coli RecN protein as a member of SMC family of proteins. Arabian Journal of Chemistry, 2014, 7, 327-334.	2.3	2
20	Identifying the Putative Interacting Partners of the Heat Shock Protein, HtpG through Phage Display Library Screening. Asian Journal of Biochemistry, 2014, 10, 1-16.	0.5	0
21	Synthesis, DNA affinity, and antimicrobial activity of 4-substituted phenyl-2,2-bichalcophenes and aza-analogues. Medicinal Chemistry Research, 2012, 21, 4074-4082.	1.1	27
22	Purification and Biochemical Characterization of Acid Phosphatase from Vigna aconitifolia. American Journal of Plant Physiology, 2010, 5, 361-370.	0.2	8
23	Phase Composition and Catalytic Activity of NiMoO_4 Reduced with Hydride Anion. Industrial & Engineering Chemistry Research, 2008, 47, 1011-1016.	1.8	17
24	Selenium and β -Difluoromethylornithine in Combination have Strong Activity Against Elevated Polyamines and Glucose Levels in Serum. Asian Journal of Biochemistry, 2008, 4, 22-29.	0.5	1
25	A new germacranolide-type sesquiterpene lactone from Tanacetum santolinoides. Natural Product Research, 2007, 21, 156-160.	1.0	3
26	Removal of Heavy Metals Via Adsorption on Activated Carbon Synthesized from Solid Wastes. Environmental Technology (United Kingdom), 2007, 28, 443-451.	1.2	35