

# Mohammed A Al-Omair

## List of Publications by Year in descending order

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26  
papers

580  
citations

623188

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h-index

610482

24  
g-index

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all docs

26  
docs citations

26  
times ranked

865  
citing authors

#	ARTICLE	IF	CITATIONS
1	Free Radical-Scavenging, Anti-Inflammatory/Anti-Fibrotic and Hepatoprotective Actions of Taurine and Silymarin against CCl <sub>4</sub> Induced Rat Liver Damage. PLoS ONE, 2015, 10, e0144509.	1.1	120
2	Reflux-based synthesis and electrocatalytic characteristics of nickel phosphate nanoparticles. Journal of Power Sources, 2017, 342, 1032-1039.	4.0	60
3	Electrocatalytic Oxidation of Glucose at Nickel Phosphate Nano/Micro Particles Modified Electrode. Electrocatalysis, 2017, 8, 340-350.	1.5	36
4	Removal of Heavy Metals Via Adsorption on Activated Carbon Synthesized from Solid Wastes. Environmental Technology (United Kingdom), 2007, 28, 443-451.	1.2	35
5	Efficient route synthesis of new polythiazoles and their inhibition characteristics of mild-steel corrosion in acidic chloride medium. Journal of Molecular Structure, 2019, 1184, 452-461.	1.8	31
6	Synthesis of Novel Triazoles, Tetrazine, Thiadiazoles and Their Biological Activities. Molecules, 2015, 20, 2591-2610.	1.7	29
7	Biodegradable/biocompatible coated metal implants for orthopedic applications. Bio-Medical Materials and Engineering, 2016, 27, 87-99.	0.4	29
8	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. Research on Chemical Intermediates, 2019, 45, 4653-4675.	1.3	29
9	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
10	Synthesis, antimicrobial, DNA cleavage and antioxidant activities of tricyclic sultams derived from saccharin. European Journal of Medicinal Chemistry, 2017, 139, 107-113.	2.6	20
11	Synthesis and Characterization of Zn-Organic Frameworks Containing Chitosan as a Low-Cost Inhibitor for Sulfuric-Acid-Induced Steel Corrosion: Practical and Computational Exploration. Polymers, 2022, 14, 228.	2.0	20
12	Phase Composition and Catalytic Activity of $\text{NiMoO}_4$ Reduced with Hydride Anion. Industrial & Engineering Chemistry Research, 2008, 47, 1011-1016.	1.8	17
13	Synthesis and Biological Evaluation of Bisthiazoles and Polythiazoles. Molecules, 2018, 23, 1133.	1.7	17
14	Synthesis of Antibacterial Silver-Poly( $\epsilon$ -caprolactone)-Methacrylic Acid Graft Copolymer Nanofibers and Their Evaluation as Potential Wound Dressing. Polymers, 2015, 7, 1464-1475.	2.0	16
15	Enhanced adsorption and removal of urea from aqueous solutions using eco-friendly iron phosphate nanoparticles. Journal of Environmental Chemical Engineering, 2019, 7, 102939.	3.3	15
16	Ameliorative Potentials of Quercetin against Lead-Induced Hematological and Testicular Alterations in Albino Rats. Chinese Journal of Physiology, 2017, 60, 54-61.	0.4	15
17	Biochemical activities and electronic spectra of different cobalt phenanthroline complexes. Arabian Journal of Chemistry, 2019, 12, 1061-1069.	2.3	13
18	Nanocomposite-based inorganic-organocatalyst Cu(II) complex and $\text{SiO}_2$ and $\text{Fe}_3\text{O}_4$ nanoparticles as low-cost and efficient catalysts for aniline and 2-aminopyridine oxidation. Applied Organometallic Chemistry, 2020, 34, e5999.	1.7	13

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19	Protective effect of $\hat{\pm}$ -lipoic acid against $\hat{\pm}$ -cypermethrin-induced changes in rat cerebellum. Journal of Chemical Neuroanatomy, 2017, 86, 52-58.	1.0	12
20	Development of silver-containing nanocellulosics for effective water disinfection. Cellulose, 2014, 21, 1965-1974.	2.4	11
21	Purification and Biochemical Characterization of Acid Phosphatase from <i>Vigna aconitifolia</i> . American Journal of Plant Physiology, 2010, 5, 361-370.	0.2	8
22	A new germacranolide-type sesquiterpene lactone from <i>Tanacetum santolinoides</i> . Natural Product Research, 2007, 21, 156-160.	1.0	3
23	Genetic characterization of <i>Escherichia coli</i> RecN protein as a member of SMC family of proteins. Arabian Journal of Chemistry, 2014, 7, 327-334.	2.3	2
24	Therapeutic and Biochemical Effects of Garlic ( <i>Allium sativum</i> ) on Acrylamide Toxicity in Rabbits: Glycolytic Pathway. International Journal of Pharmacology, 2016, 12, 429-434.	0.1	1
25	Selenium and $\hat{\pm}$ -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
26	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