

# Wesam H Abdulaal

## List of Publications by Year in Descending Order

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**Version:** 2024-04-27

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

54  
papers

566  
citations

13  
h-index

21  
g-index

62  
ext. papers

853  
ext. citations

4.3  
avg, IF

4.31  
L-index

| #  | Paper   | IF  | Citations |
|----|---|-----|-----------|
| 54 | Green Nanoemulsion Stabilized by In Situ Self-Assembled Natural Oil/Native Cyclodextrin Complexes: An Eco-Friendly Approach for Enhancing Anticancer Activity of Costunolide against Lung Cancer Cells.. <i>Pharmaceutics</i> , <b>2022</b> , 14, | 6.4 | 1         |
| 53 | Elevated Levels of IL-33, IL-17 and IL-25 Indicate the Progression from Chronicity to Hepatocellular Carcinoma in Hepatitis C Virus Patients.. <i>Pathogens</i> , <b>2022</b> , 11,   | 4.5 | 8         |
| 52 | Wasp venom peptide improves the proapoptotic activity of alendronate sodium in A549 lung cancer cells.. <i>PLoS ONE</i> , <b>2022</b> , 17, e0264093  | 3.7 | 1         |
| 51 | 25 (S)-Hydroxycholesterol acts as a possible dual enzymatic inhibitor of SARS-CoV-2 M and RdRp: an insight from molecular docking and dynamics simulation approaches.. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2022</b> , 1-12 | 3.6 | 0         |
| 50 | Ceftriaxone and Melittin Synergistically Promote Wound Healing in Diabetic Rats. <i>Pharmaceutics</i> , <b>2021</b> , 13,   | 6.4 | 4         |
| 49 | Updates on Molecular and Biochemical Development and Progression of Prostate Cancer. <i>Journal of Clinical Medicine</i> , <b>2021</b> , 10,  | 5.1 | 4         |
| 48 | Peptide substrate screening for the diagnosis of SARS-CoV-2 using fluorescence resonance energy transfer (FRET) assay. <i>Mikrochimica Acta</i> , <b>2021</b> , 188, 137  | 5.8 | 9         |
| 47 | Potential of Anti-Cancer Activity of Secondary Metabolic Products from Marine Fungi. <i>Journal of Fungi (Basel, Switzerland)</i> , <b>2021</b> , 7,  | 5.6 | 5         |
| 46 | Development and Optimization of Luliconazole Spanlastics to Augment the Antifungal Activity against. <i>Pharmaceutics</i> , <b>2021</b> , 13,   | 6.4 | 1         |
| 45 | Development and Optimization of Cinnamon Oil Nanoemulgel for Enhancement of Solubility and Evaluation of Antibacterial, Antifungal and Analgesic Effects against Oral Microbiota. <i>Pharmaceutics</i> , <b>2021</b> , 13,                        | 6.4 | 7         |
| 44 | Oral gel loaded with penciclovir-lavender oil nanoemulsion to enhance bioavailability and alleviate pain associated with herpes labialis. <i>Drug Delivery</i> , <b>2021</b> , 28, 1043-1054  | 7   | 3         |
| 43 | Targeting allosteric sites of human aromatase: a comprehensive and workflow to find potential plant-based anti-breast cancer therapeutics. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2021</b> , 36, 1334-1345              | 5.6 | 2         |
| 42 | Cellular and Humoral Immunogenicity of a Candidate DNA Vaccine Expressing SARS-CoV-2 Spike Subunit 1. <i>Vaccines</i> , <b>2021</b> , 9,  | 5.3 | 2         |
| 41 | Synthetic SARS-CoV-2 Spike-Based DNA Vaccine Elicits Robust and Long-Lasting Th1 Humoral and Cellular Immunity in Mice. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 727455   | 5.7 | 4         |
| 40 | Untargeted Metabolic Profiling of Extracellular Vesicles of SARS-CoV-2-Infected Patients Shows Presence of Potent Anti-Inflammatory Metabolites. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,                           | 6.3 | 2         |
| 39 | Evaluation of the role of CD47 in sickle cell disease. <i>Journal of Hematopathology</i> , <b>2021</b> , 14, 31-39  | 0.4 | 0         |
| 38 | Scorpion Venom-Functionalized Quercetin Phytosomes for Breast Cancer Management: In Vitro Response Surface Optimization and Anticancer Activity against MCF-7 Cells.. <i>Polymers</i> , <b>2021</b> , 14,   | 4.5 | 3         |

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|----|--|-----|----|
| 37 | Early Humoral Response Correlates with Disease Severity and Outcomes in COVID-19 Patients. <i>Viruses</i> , <b>2020</b> , 12,  | 6.2 | 21 |
| 36 | Cell-specific conditional deletion of interleukin-1 (IL-1) ligands and its receptors: a new toolbox to study the role of IL-1 in health and disease. <i>Journal of Molecular Medicine</i> , <b>2020</b> , 98, 923-930        | 5.5 | 1  |
| 35 | Development of lipid membrane based assays to accurately predict the transfection efficiency of cell-penetrating peptide-based gene nanoparticles. <i>International Journal of Pharmaceutics</i> , <b>2020</b> , 580, 119221 | 6.5 | 6  |
| 34 | The Enhanced Cytotoxic and Pro-Apoptotic Effects of Optimized Simvastatin-Loaded Emulsomes on MCF-7 Breast Cancer Cells. <i>Pharmaceutics</i> , <b>2020</b> , 12,  | 6.4 | 11 |
| 33 | Encapsulation of HRP Enzyme onto a Magnetic Fe <sub>3</sub> O <sub>4</sub> NpBMA Film via Casting with Sustainable Biocatalytic Activity. <i>Catalysts</i> , <b>2020</b> , 10, 181   | 4   | 21 |
| 32 | Potential antitumor activity of exopolysaccharide produced from date seed powder as a carbon source for <i>Bacillus subtilis</i> . <i>Journal of Microbiological Methods</i> , <b>2020</b> , 170, 105853                     | 2.8 | 4  |
| 31 | Chitosan Coated Microparticles Enhance Simvastatin Colon Targeting and Pro-Apoptotic Activity. <i>Marine Drugs</i> , <b>2020</b> , 18,   | 6   | 16 |
| 30 | Promising Antibiofilm Agents: Recent Breakthrough against Biofilm Producing Methicillin-Resistant. <i>Antibiotics</i> , <b>2020</b> , 9,   | 4.9 | 31 |
| 29 | Urolithins Attenuate Multiple Symptoms of Obesity in Rats Fed on a High-Fat Diet. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , <b>2020</b> , 13, 3337-3348   | 3.4 | 12 |
| 28 | SARS-CoV-2 S1 and N-based serological assays reveal rapid seroconversion and induction of specific antibody response in COVID-19 patients. <i>Scientific Reports</i> , <b>2020</b> , 10, 16561                               | 4.9 | 51 |
| 27 | Chitosan-Based Microparticles Enhance Ellagic Acid Colon Targeting and Proapoptotic Activity. <i>Pharmaceutics</i> , <b>2020</b> , 12,   | 6.4 | 17 |
| 26 | Optimized Ellagic Acid-Ca Pectinate Floating Beads for Gastroprotection against Indomethacin-Induced Gastric Injury in Rats. <i>Biomolecules</i> , <b>2020</b> , 10,   | 5.9 | 2  |
| 25 | Microneedles Drug Delivery Systems for Treatment of Cancer: A Recent Update. <i>Pharmaceutics</i> , <b>2020</b> , 12,  | 6.4 | 12 |
| 24 | High Expression of Pd-1 in Circulating Cells of Patients With Advanced Colorectal Cancer Receiving Adjuvant Therapy. <i>Technology in Cancer Research and Treatment</i> , <b>2020</b> , 19, 1533033820969446                 | 2.7 | 0  |
| 23 | Repurposing Anti-diabetic Drugs to Cripple Quorum Sensing in. <i>Microorganisms</i> , <b>2020</b> , 8,   | 4.9 | 24 |
| 22 | Evaluation in broilers of aerosolized nanoparticles vaccine encapsulating imuno-stimulant and antigens of avian influenza virus/ <i>Mycoplasma gallisepticum</i> . <i>BMC Veterinary Research</i> , <b>2020</b> , 16, 319    | 2.7 |    |
| 21 | Optimized Nanostructured Lipid Carriers Integrated into In Situ Nasal Gel for Enhancing Brain Delivery of Flibanserin. <i>International Journal of Nanomedicine</i> , <b>2020</b> , 15, 5253-5264                            | 7.3 | 10 |
| 20 | Immobilisation of Amylase on activated amidrazone acrylic fabric: a new approach for the enhancement of enzyme stability and reusability. <i>Scientific Reports</i> , <b>2019</b> , 9, 12672                                 | 4.9 | 21 |

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|----|---|-----|----|
| 19 | Amidrazone modified acrylic fabric activated with cyanuric chloride: A novel and efficient support for horseradish peroxidase immobilization and phenol removal. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 140, 949-958 | 7.9 | 27 |
| 18 | Middle East respiratory syndrome: pathogenesis and therapeutic developments. <i>Future Virology</i> , <b>2019</b> , 14, 237-246   | 2.4 | 18 |
| 17 | Synthesis and in vitro antitumor activity of novel acylspermidine derivative N-(4-aminobutyl)-N-(3-aminopropyl)-8-hydroxy-dodecanamide (AAHD) against HepG2 cells. <i>Bioorganic Chemistry</i> , <b>2019</b> , 88, 102937                               | 5.1 | 1  |
| 16 | An Update on the Association of Protein Kinases with Cardiovascular Diseases. <i>Current Pharmaceutical Design</i> , <b>2019</b> , 25, 174-183  | 3.3 | 11 |
| 15 | Determinants of breast cancer in Saudi women from Makkah region: a case-control study (breast cancer risk factors among Saudi women). <i>BMC Public Health</i> , <b>2019</b> , 19, 1554   | 4.1 | 12 |
| 14 | Zika Virus Targeting by Screening Inhibitors against NS2B/NS3 Protease. <i>BioMed Research International</i> , <b>2019</b> , 2019, 3947245  | 3   | 5  |
| 13 | Hepato-protective effect of <i>Allium sativum</i> against immobilization stress in rats. <i>Pakistan Journal of Pharmaceutical Sciences</i> , <b>2019</b> , 32, 521-528   | 0.4 | 1  |
| 12 | Purification and characterization of $\alpha$ -amylase from <i>Trichoderma pseudokoningii</i> . <i>BMC Biochemistry</i> , <b>2018</b> , 19, 4   | 4.8 | 25 |
| 11 | Purification and characterization of cysteine protease from miswak <i>Salvadora persica</i> . <i>BMC Biochemistry</i> , <b>2018</b> , 19, 10  | 4.8 | 4  |
| 10 | -Coumaric acid attenuates non-catalytic protein glycosylation in the retinas of diabetic rats. <i>Journal of Pesticide Sciences</i> , <b>2018</b> , 43, 180-185   | 2.7 | 3  |
| 9  | Prospects of IL-2 in Cancer Immunotherapy. <i>BioMed Research International</i> , <b>2018</b> , 2018, 9056173   | 3   | 65 |
| 8  | Investigation of antioxidant and detoxifying capacities of some date cultivars ( <i>Phoenix dactylifera</i> L.) irrigated with sewage water. <i>RSC Advances</i> , <b>2017</b> , 7, 12953-12958   | 3.7 | 11 |
| 7  | The use of flow cytometry to examine calcium signalling by TRPV1 in mixed cell populations. <i>Analytical Biochemistry</i> , <b>2017</b> , 527, 13-19   | 3.1 | 3  |
| 6  | POSSIBLE HYPOCHOLESTEROLEMIC EFFECT OF GINGER AND ROSEMARY OILS IN RATS. <i>Tropical Journal of Obstetrics and Gynaecology</i> , <b>2017</b> , 14, 188-200  | 0.3 | 9  |
| 5  | Comparative study of extrapolative factors linked with oxidative injury and anti-inflammatory status in chronic kidney disease patients experiencing cardiovascular distress. <i>PLoS ONE</i> , <b>2017</b> , 12, e0171561                              | 3.7 | 11 |
| 4  | POSSIBLE REGULATION OF LDL-RECEPTOR BY NARINGENIN IN HEPG2 HEPATOMA CELL LINE. <i>Tropical Journal of Obstetrics and Gynaecology</i> , <b>2017</b> , 14, 278-287  | 0.3 | 6  |
| 3  | Role of hesperetin in LDL-receptor expression in hepatoma HepG2 cells. <i>BMC Complementary and Alternative Medicine</i> , <b>2016</b> , 16, 182  | 4.7 | 12 |
| 2  | Characterization of a conditional interleukin-1 receptor 1 mouse mutant using the Cre/LoxP system. <i>European Journal of Immunology</i> , <b>2016</b> , 46, 912-8  | 6.1 | 21 |

1 Early Humoral Response Correlates with Disease Severity and Outcomes in COVID-19 Patients

2