

Wesam H Abdulaal

List of Publications by Citations

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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	Prospects of IL-2 in Cancer Immunotherapy. <i>BioMed Research International</i> , 2018 , 2018, 9056173	3	65
53	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> , 2020 , 10, 16561	4.9	51
52	Promising Antibiofilm Agents: Recent Breakthrough against Biofilm Producing Methicillin-Resistant. <i>Antibiotics</i> , 2020 , 9,	4.9	31
51	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> , 2019 , 140, 949-958	7.9	27
50	Purification and characterization of α -amylase from <i>Trichoderma pseudokoningii</i> . <i>BMC Biochemistry</i> , 2018 , 19, 4	4.8	25
49	Repurposing Anti-diabetic Drugs to Cripple Quorum Sensing in. <i>Microorganisms</i> , 2020 , 8,	4.9	24
48	Immobilisation of α -amylase on activated amidrazone acrylic fabric: a new approach for the enhancement of enzyme stability and reusability. <i>Scientific Reports</i> , 2019 , 9, 12672	4.9	21
47	Early Humoral Response Correlates with Disease Severity and Outcomes in COVID-19 Patients. <i>Viruses</i> , 2020 , 12,	6.2	21
46	Encapsulation of HRP Enzyme onto a Magnetic Fe ₃ O ₄ NpBMMA Film via Casting with Sustainable Biocatalytic Activity. <i>Catalysts</i> , 2020 , 10, 181	4	21
45	Characterization of a conditional interleukin-1 receptor 1 mouse mutant using the Cre/LoxP system. <i>European Journal of Immunology</i> , 2016 , 46, 912-8	6.1	21
44	Middle East respiratory syndrome: pathogenesis and therapeutic developments. <i>Future Virology</i> , 2019 , 14, 237-246	2.4	18
43	Chitosan-Based Microparticles Enhance Ellagic Acid's Colon Targeting and Proapoptotic Activity. <i>Pharmaceutics</i> , 2020 , 12,	6.4	17
42	Chitosan Coated Microparticles Enhance Simvastatin Colon Targeting and Pro-Apoptotic Activity. <i>Marine Drugs</i> , 2020 , 18,	6	16
41	Role of hesperetin in LDL-receptor expression in hepatoma HepG2 cells. <i>BMC Complementary and Alternative Medicine</i> , 2016 , 16, 182	4.7	12
40	Urolithins Attenuate Multiple Symptoms of Obesity in Rats Fed on a High-Fat Diet. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2020 , 13, 3337-3348	3.4	12
39	Microneedles Drug Delivery Systems for Treatment of Cancer: A Recent Update. <i>Pharmaceutics</i> , 2020 , 12,	6.4	12
38	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> , 2019 , 19, 1554	4.1	12

37	Investigation of antioxidant and detoxifying capacities of some date cultivars (<i>Phoenix dactylifera</i> L.) irrigated with sewage water. <i>RSC Advances</i> , 2017 , 7, 12953-12958	3.7	11
36	The Enhanced Cytotoxic and Pro-Apoptotic Effects of Optimized Simvastatin-Loaded Emulsomes on MCF-7 Breast Cancer Cells. <i>Pharmaceutics</i> , 2020 , 12,	6.4	11
35	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> , 2017 , 12, e0171561	3.7	11
34	An Update on the Association of Protein Kinases with Cardiovascular Diseases. <i>Current Pharmaceutical Design</i> , 2019 , 25, 174-183	3.3	11
33	Optimized Nanostructured Lipid Carriers Integrated into In Situ Nasal Gel for Enhancing Brain Delivery of Flibanserin. <i>International Journal of Nanomedicine</i> , 2020 , 15, 5253-5264	7.3	10
32	POSSIBLE HYPOCHOLESTEROLEMIC EFFECT OF GINGER AND ROSEMARY OILS IN RATS. <i>Tropical Journal of Obstetrics and Gynaecology</i> , 2017 , 14, 188-200	0.3	9
31	Peptide substrate screening for the diagnosis of SARS-CoV-2 using fluorescence resonance energy transfer (FRET) assay. <i>Mikrochimica Acta</i> , 2021 , 188, 137	5.8	9
30	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> , 2022 , 11,	4.5	8
29	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> , 2021 , 13,	6.4	7
28	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> , 2020 , 580, 119221	6.5	6
27	POSSIBLE REGULATION OF LDL-RECEPTOR BY NARINGENIN IN HEPG2 HEPATOMA CELL LINE. <i>Tropical Journal of Obstetrics and Gynaecology</i> , 2017 , 14, 278-287	0.3	6
26	Potential of Anti-Cancer Activity of Secondary Metabolic Products from Marine Fungi. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021 , 7,	5.6	5
25	Zika Virus Targeting by Screening Inhibitors against NS2B/NS3 Protease. <i>BioMed Research International</i> , 2019 , 2019, 3947245	3	5
24	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> , 2020 , 170, 105853	2.8	4
23	Ceftriaxone and Melittin Synergistically Promote Wound Healing in Diabetic Rats. <i>Pharmaceutics</i> , 2021 , 13,	6.4	4
22	Updates on Molecular and Biochemical Development and Progression of Prostate Cancer. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	4
21	Purification and characterization of cysteine protease from miswak <i>Salvadora persica</i> . <i>BMC Biochemistry</i> , 2018 , 19, 10	4.8	4
20	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> , 2021 , 12, 727455	5.7	4

19	The use of flow cytometry to examine calcium signalling by TRPV1 in mixed cell populations. <i>Analytical Biochemistry</i> , 2017 , 527, 13-19	3.1	3
18	Oral gel loaded with penciclovir-lavender oil nanoemulsion to enhance bioavailability and alleviate pain associated with herpes labialis. <i>Drug Delivery</i> , 2021 , 28, 1043-1054	7	3
17	-Coumaric acid attenuates non-catalytic protein glycosylation in the retinas of diabetic rats. <i>Journal of Pesticide Sciences</i> , 2018 , 43, 180-185	2.7	3
16	Scorpion Venom-Functionalized Quercetin Phytosomes for Breast Cancer Management: In Vitro Response Surface Optimization and Anticancer Activity against MCF-7 Cells.. <i>Polymers</i> , 2021 , 14,	4.5	3
15	Early Humoral Response Correlates with Disease Severity and Outcomes in COVID-19 Patients		2
14	Optimized Ellagic Acid-Ca Pectinate Floating Beads for Gastroprotection against Indomethacin-Induced Gastric Injury in Rats. <i>Biomolecules</i> , 2020 , 10,	5.9	2
13	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> , 2021 , 36, 1334-1345	5.6	2
12	Cellular and Humoral Immunogenicity of a Candidate DNA Vaccine Expressing SARS-CoV-2 Spike Subunit 1. <i>Vaccines</i> , 2021 , 9,	5.3	2
11	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> , 2021 , 22,	6.3	2
10	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> , 2019 , 88, 102937	5.1	1
9	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> , 2020 , 98, 923-930	5.5	1
8	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> , 2022 , 14,	6.4	1
7	Development and Optimization of Luliconazole Spanlastics to Augment the Antifungal Activity against. <i>Pharmaceutics</i> , 2021 , 13,	6.4	1
6	Hepato-protective effect of Allium sativum against immobilization stress in rats. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2019 , 32, 521-528	0.4	1
5	Wasp venom peptide improves the proapoptotic activity of alendronate sodium in A549 lung cancer cells.. <i>PLoS ONE</i> , 2022 , 17, e0264093	3.7	1
4	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> , 2020 , 19, 1533033820969446	2.7	0
3	Evaluation of the role of CD47 in sickle cell disease. <i>Journal of Hematopathology</i> , 2021 , 14, 31-39	0.4	0
2	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> , 2022 , 1-12	3.6	0

- 1 Evaluation in broilers of aerosolized nanoparticles vaccine encapsulating imuno-stimulant and antigens of avian influenza virus/*Mycoplasma gallisepticum*. *BMC Veterinary Research*, **2020**, 16, 319 2.7