

Suliman Al Omar

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

1,009
citations

516710

16
h-index

501196

28
g-index

56
all docs

56
docs citations

56
times ranked

1625
citing authors

#	ARTICLE	IF	CITATIONS
1	Neutrophils Driving Unconventional T Cells Mediate Resistance against Murine Sarcomas and Selected Human Tumors. <i>Cell</i> , 2019, 178, 346-360.e24.	28.9	176
2	Effects of a 2-Week 5000 IU versus 1000 IU Vitamin D3 Supplementation on Recovery of Symptoms in Patients with Mild to Moderate Covid-19: A Randomized Clinical Trial. <i>Nutrients</i> , 2021, 13, 2170.	4.1	119
3	Effects of home quarantine during COVID-19 lockdown on physical activity and dietary habits of adults in Saudi Arabia. <i>Scientific Reports</i> , 2021, 11, 5904.	3.3	57
4	Thymol Nanoemulsion: A New Therapeutic Option for Extensively Drug Resistant Foodborne Pathogens. <i>Antibiotics</i> , 2021, 10, 25.	3.7	47
5	Metformin Protects From Rotenone-Induced Nigrostriatal Neuronal Death in Adult Mice by Activating AMPK-FOXO3 Signaling and Mitigation of Angiogenesis. <i>Frontiers in Molecular Neuroscience</i> , 2020, 13, 84.	2.9	44
6	Brain Disease Network Analysis to Elucidate the Neurological Manifestations of COVID-19. <i>Molecular Neurobiology</i> , 2021, 58, 1875-1893.	4.0	37
7	IL-1 β (interleukin-1 β) stimulates the production and release of multiple cytokines and chemokines by human preadipocytes. <i>Archives of Physiology and Biochemistry</i> , 2016, 122, 117-122.	2.1	30
8	ABBV-744 as a potential inhibitor of SARS-CoV-2 main protease enzyme against COVID-19. <i>Scientific Reports</i> , 2021, 11, 234.	3.3	29
9	IL-1 β and TNF α inhibit GPR120 (<i>FFAR4</i>) and stimulate GPR84 (<i>EX33</i>) and GPR41 (<i>FFAR3</i>) fatty acid receptor expression in human adipocytes: implications for the anti-inflammatory action of <i>n</i> -3 fatty acids. <i>Archives of Physiology and Biochemistry</i> , 2018, 124, 97-108.	2.1	27
10	Vitamin D status of Arab Gulf residents screened for SARS-CoV-2 and its association with COVID-19 infection: a multi-centre case-control study. <i>Journal of Translational Medicine</i> , 2021, 19, 166.	4.4	27
11	Ethyl Cellulose and Hydroxypropyl Methyl Cellulose Blended Methotrexate-Loaded Transdermal Patches: In Vitro and Ex Vivo. <i>Polymers</i> , 2021, 13, 3455.	4.5	23
12	Synergistic antimicrobial activity of N-methyl substituted pyrrolidinium-based ionic liquids and melittin against Gram-positive and Gram-negative bacteria. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 10465-10479.	3.6	22
13	Novel Mechanism for Memantine in Attenuating Diabetic Neuropathic Pain in Mice via Downregulating the Spinal HMGB1/TRL4/NF- κ B Inflammatory Axis. <i>Pharmaceuticals</i> , 2021, 14, 307.	3.8	22
14	Association of <i>IL-1β</i> , <i>IL-6</i> , <i>TNF-α</i> , and <i>TGFβ1</i> Gene Polymorphisms with Recurrent Spontaneous Abortion in Polycystic Ovary Syndrome. <i>Disease Markers</i> , 2020, 2020, 1-8.	1.3	21
15	CD19 ⁺ CD24 ^{hi} CD38 ^{hi} Regulatory B Cells and Memory B Cells in Periodontitis: Association with Pro-Inflammatory and Anti-Inflammatory Cytokines. <i>Vaccines</i> , 2020, 8, 340.	4.4	21
16	Protective effect of metformin on rat diabetic retinopathy involves suppression of toll-like receptor 4/nuclear factor- κ B expression and glutamate excitotoxicity. <i>International Immunopharmacology</i> , 2021, 90, 107193.	3.8	19
17	<i>Ceratomyxa tunisiensis</i> n. sp. (Myxosporea: Bivalvulida) from the Gallbladders of Two Carangid Fish Caught Off the Coast of Tunisia. <i>Journal of Eukaryotic Microbiology</i> , 2016, 63, 86-92.	1.7	18
18	PCR array and protein array studies demonstrate that IL-1 β (interleukin-1 β) stimulates the expression and secretion of multiple cytokines and chemokines in human adipocytes. <i>Archives of Physiology and Biochemistry</i> , 2015, 121, 187-193.	2.1	17

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19	Synthesis and Antitumor Activity of Doxycycline Polymeric Nanoparticles: Effect on Tumor Apoptosis in Solid Ehrlich Carcinoma. <i>Molecules</i> , 2020, 25, 3230.	3.8	17
20	A highly sensitive uric acid biosensor based on vertically arranged ZnO nanorods on a ZnO nanoparticle-seeded electrode. <i>New Journal of Chemistry</i> , 2021, 45, 18863-18870.	2.8	16
21	Association of the genetic diversity of killer cell immunoglobulin-like receptor genes and HLA-C ligand in Saudi women with breast cancer. <i>Immunogenetics</i> , 2017, 69, 69-76.	2.4	14
22	The Relationship Between Killer Cell Immunoglobulin-Like Receptors and HLA-C Polymorphisms in Colorectal Cancer in a Saudi Population. <i>Genetic Testing and Molecular Biomarkers</i> , 2015, 19, 617-622.	0.7	12
23	Modulation of antioxidant defence system in response to berberine in <i>Candida albicans</i> . <i>Yeast</i> , 2021, 38, 157-169.	1.7	12
24	Molecular and morphological characterisation of two species of the genus <i>Ellipsomyxa</i> KÅ¡ie, 2003 (Ceratomyxidae) from the gall-bladder of <i>Liza saliens</i> (Risso) off Tunisian coasts of the Mediterranean. <i>Systematic Parasitology</i> , 2016, 93, 601-611.	1.1	11
25	Chemotherapeutic Potential of <i>Epimedium brevicornum</i> Extract: The cGMP-Specific PDE5 Inhibitor as Anti-Fertility Agent Following Long-Term Administration of Tramadol in Male Rats. <i>Antibiotics</i> , 2020, 9, 318.	3.7	11
26	IL-33 stimulates expression of the GPR84 (EX33) fatty acid receptor gene and of cytokine and chemokine genes in human adipocytes. <i>Cytokine</i> , 2018, 110, 189-193.	3.2	10
27	Cytotoxicity and Genotoxicity of Cypermethrin in Hepatocarcinoma Cells: A Dose- and Time-Dependent Study. <i>Dose-Response</i> , 2018, 16, 155932581876088.	1.6	10
28	Antitumor Activity of Nitazoxanide against Colon Cancers: Molecular Docking and Experimental Studies Based on Wnt/ β^2 -Catenin Signaling Inhibition. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5213.	4.1	10
29	Genotypic diversity of the Killer Cell Immunoglobulin-like Receptors (KIR) and their HLA class I Ligands in a Saudi population. <i>Genetics and Molecular Biology</i> , 2016, 39, 14-23.	1.3	9
30	PCR arrays indicate that the expression of extracellular matrix and cell adhesion genes in human adipocytes is regulated by IL-1 β (interleukin-1 β). <i>Archives of Physiology and Biochemistry</i> , 2017, 123, 61-67.	2.1	9
31	Effect of mesenchymal stem cells on cytochrome-c release and inflammation in colon cancer induced by 1,2-dimethylhydrazine in Wistar albino rats. <i>Bioscience Reports</i> , 2021, 41, .	2.4	9
32	Interference of quorum sensing regulated bacterial virulence factors and biofilms by <i>Plumbago zeylanica</i> extract. <i>Microscopy Research and Technique</i> , 2021, 84, 3150-3160.	2.2	9
33	Critical Antileishmanial in vitro Effects of Highly Examined Gold Nanoparticles. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 7285-7295.	6.7	9
34	Microwave Mediated Fast Synthesis of Silver Nanoparticles and Investigation of Their Antibacterial Activities for Gram-Positive and Gram-Negative Microorganisms. <i>Crystals</i> , 2021, 11, 666.	2.2	7
35	Supercritical Technology-Based Date Sugar Powder Production: Process Modeling and Simulation. <i>Processes</i> , 2022, 10, 257.	2.8	7
36	Induction of apoptosis and cytokine markers in colon cancer cells by magnesium oxide (MgO) nanoparticles. <i>Toxicological and Environmental Chemistry</i> , 2017, 99, 302-314.	1.2	6

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37	Structural, Optical, Electrical and Antibacterial Properties of Fe-Doped CeO ₂ Nanoparticles. <i>Crystals</i> , 2021, 11, 1594.	2.2	6
38	Investigation of the ultrastructure of <i>Dendrocoelum constrictum</i> (Platyhelminthes, Tricladida) spermatogenesis and mature spermatozoa. <i>Comptes Rendus - Biologies</i> , 2014, 337, 513-520.	0.2	5
39	A disposable electrochemical sensor based on iron molybdate for the analysis of dopamine in biological samples. <i>New Journal of Chemistry</i> , 0, , .	2.8	5
40	One-Pot Synthesis of 7, 7-Dimethyl-4-Phenyl-2-Thioxo-2,3,4,6,7, 8-Hexahydro-1H-Quinazoline-5-Ones Using Zinc Ferrite Nanocatalyst and Its Bio Evaluation. <i>Catalysts</i> , 2021, 11, 431.	3.5	5
41	Leflunomide Induces Dose-Dependent Lung Injury in Mice via Stimulating Vimentin and NLRP3 Inflammasome Production. <i>Frontiers in Pharmacology</i> , 2021, 12, 631216.	3.5	5
42	Reusable Nano-Zirconia-Catalyzed Synthesis of Benzimidazoles and Their Antibacterial and Antifungal Activities. <i>Molecules</i> , 2021, 26, 4219.	3.8	5
43	Structural and Functional Characterization of Covalently Modified Proteins Formed By a Glycating Agent, Glyoxal. <i>ACS Omega</i> , 2021, 6, 20887-20894.	3.5	5
44	miR-185 and its anti-miR as a biomarker and therapeutic target for oral cancer. <i>Oral Oncology</i> , 2022, 129, 105873.	1.5	5
45	Hydroalcoholic Extract of <i>Sechium edule</i> Fruits Attenuates QT Prolongation in High Fat Diet-Induced Hyperlipidemic Mice. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-7.	1.2	5
46	Chemopreventive Effect of 5-Fluorouracil Polymeric Hybrid PLGA-Lecithin Nanoparticles against Colon Dysplasia Model in Mice and Impact on p53 Apoptosis. <i>Biomolecules</i> , 2021, 11, 109.	4.0	4
47	Ultrastructure and phylogeny of <i>Kudoa barracudai</i> sp. nov. infecting <i>Sphyræna putnamae</i> in the Red Sea. <i>Parasitology Research</i> , 2016, 115, 1799-1805.	1.6	3
48	Identification of the Key Regulators of <i>Spina Bifida</i> Through Graph-Theoretical Approach. <i>Frontiers in Genetics</i> , 2021, 12, 597983.	2.3	3
49	Blocking prostanoid receptors switches on multiple immune responses and cascades of inflammatory signaling against larval stages in snail fever. <i>Environmental Science and Pollution Research</i> , 2022, , 1.	5.3	3
50	Association of blood groups with hepatitis C viremia. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 5359-5363.	3.8	2
51	Scientificallly Formulated Avocado Fruit Juice: Phytochemical Analysis, Assessment of Its Antioxidant Potential and Consumer Perception. <i>Molecules</i> , 2021, 26, 7424.	3.8	2
52	Synthesis of Gold-PVP Nanostructured Composites by Microplasma: A Test to Study Their Inhibiting Tendency of Avian Influenza Virus Activity. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 5352.	2.5	1
53	Potential histopathological and molecular changes in rat vas deferens inhaled by <i>Boswellia papyrifera</i> and <i>Boswellia carterii</i> . <i>Toxicological and Environmental Chemistry</i> , 0, , 1-14.	1.2	0
54	Distinct epigenetic regulation in patients with multidrug-resistant TB-HIV co-infection and uninfected individuals. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2020, 821, 111724.	1.0	0

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55	Association <i>SOD2</i> and <i>PON1</i> Gene Polymorphisms with Polycystic Ovary Syndrome in Saudi Women. <i>Molecular Syndromology</i> , 2022, 13, 1-6.	0.8	0