

Mohamed A Alfaleh

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

935
citations

623699

14
h-index

501174

28
g-index

41
all docs

41
docs citations

41
times ranked

1425
citing authors

#	ARTICLE	IF	CITATIONS
1	Phage Display Derived Monoclonal Antibodies: From Bench to Bedside. <i>Frontiers in Immunology</i> , 2020, 11, 1986.	4.8	146
2	Therapeutic use of chloroquine and hydroxychloroquine in COVID-19 and other viral infections: A narrative review. <i>Travel Medicine and Infectious Disease</i> , 2020, 35, 101735.	3.0	94
3	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.	3.3	84
4	Formulation Design, Statistical Optimization, and In Vitro Evaluation of a Naringenin Nanoemulsion to Enhance Apoptotic Activity in A549 Lung Cancer Cells. <i>Pharmaceuticals</i> , 2020, 13, 152.	3.8	70
5	Targeting membrane proteins for antibody discovery using phage display. <i>Scientific Reports</i> , 2016, 6, 26240.	3.3	67
6	Evaluation of Neutralizing Antibodies Against Highly Pathogenic Coronaviruses: A Detailed Protocol for a Rapid Evaluation of Neutralizing Antibodies Using Vesicular Stomatitis Virus Pseudovirus-Based Assay. <i>Frontiers in Microbiology</i> , 2020, 11, 2020.	3.5	45
7	Early Humoral Response Correlates with Disease Severity and Outcomes in COVID-19 Patients. <i>Viruses</i> , 2020, 12, 1390.	3.3	42
8	Strategies for Selecting Membrane Protein-Specific Antibodies using Phage Display with Cell-Based Panning. <i>Antibodies</i> , 2017, 6, 10.	2.5	32
9	Plumbagin-Loaded Glycosome Gel as Topical Delivery System for Skin Cancer Therapy. <i>Polymers</i> , 2021, 13, 923.	4.5	27
10	Impact of Protein Corona on the Biological Identity of Nanomedicine: Understanding the Fate of Nanomaterials in the Biological Milieu. <i>Biomedicines</i> , 2021, 9, 1496.	3.2	26
11	<p>Pumpkin Oil"Based Nanostructured Lipid Carrier System for Antiulcer Effect in NSAID-Induced Gastric Ulcer Model in Rats</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 2529-2539.	6.7	21
12	Scorpion Venom-Functionalized Quercetin Phytosomes for Breast Cancer Management: In Vitro Response Surface Optimization and Anticancer Activity against MCF-7 Cells. <i>Polymers</i> , 2022, 14, 93.	4.5	19
13	Physically Optimized Nano-Lipid Carriers Augment Raloxifene and Vitamin D Oral Bioavailability in Healthy Humans for Management of Osteoporosis. <i>Journal of Pharmaceutical Sciences</i> , 2020, 109, 2145-2155.	3.3	17
14	Phytochemical-Based Nano-Pharmacotherapeutics for Management of Burn Wound Healing. <i>Gels</i> , 2021, 7, 209.	4.5	17
15	Seroprevalence of SARS-CoV-2 Binding and Neutralizing Antibodies in Healthcare Workers during the Epidemic Peak in Referral Hospitals and Quarantine Sites: Saudi Arabia. <i>Viruses</i> , 2021, 13, 1413.	3.3	16
16	Recent Developments in Diagnosis of Epilepsy: Scope of MicroRNA and Technological Advancements. <i>Biology</i> , 2021, 10, 1097.	2.8	16
17	Development of an optimized febuxostat self-nanoemulsified loaded transdermal film: <i>in-vitro</i>, <i>ex-vivo</i> and <i>in-vivo</i> evaluation. <i>Pharmaceutical Development and Technology</i> , 2020, 25, 326-331.	2.4	13
18	Targeting mesothelin receptors with drug-loaded bacterial nanocells suppresses human mesothelioma tumour growth in mouse xenograft models. <i>PLoS ONE</i> , 2017, 12, e0186137.	2.5	12

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19	Design and synthesis of novel pyrazolo[3,4-d]pyrimidin-4-one bearing quinoline scaffold as potent dual PDE5 inhibitors and apoptotic inducers for cancer therapy. <i>Bioorganic Chemistry</i> , 2020, 105, 104352.	4.1	10
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.	3.5	10
21	Mechanisms Involved in Microglial-Interceded Alzheimer's Disease and Nanocarrier-Based Treatment Approaches. <i>Journal of Personalized Medicine</i> , 2021, 11, 1116.	2.5	9
22	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.	5.2	8
23	Cellular and Humoral Immunogenicity of a Candidate DNA Vaccine Expressing SARS-CoV-2 Spike Subunit 1. <i>Vaccines</i> , 2021, 9, 852.	4.4	8
24	Optimized 2-methoxyestradiol invasomes fortified with apamin: a promising approach for suppression of A549 lung cancer cells. <i>Drug Delivery</i> , 2022, 29, 1536-1548.	5.7	8
25	Performance of Commercially Available Rapid Serological Assays for the Detection of SARS-CoV-2 Antibodies. <i>Pathogens</i> , 2020, 9, 1067.	2.8	7
26	Brominated Flame Retardants in Children's Room: Concentration, Composition, and Health Risk Assessment. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 6421.	2.6	7
27	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, 227.	4.5	7
28	David versus goliath: ACE2-Fc receptor traps as potential SARS-CoV-2 inhibitors. <i>MAbs</i> , 2022, 14, 2057832.	5.2	7
29	Amplifying Lateral Flow Assay Signals for Rapid Detection of COVID-19 Specific Antibodies. <i>Global Challenges</i> , 2022, 6, .	3.6	6
30	Pathogenic mechanisms and therapeutic promise of phytochemicals and nanocarriers based drug delivery against radiotherapy-induced neurotoxic manifestations. <i>Drug Delivery</i> , 2022, 29, 1492-1511.	5.7	6
31	Middle East Respiratory Syndrome Coronavirus Infection Elicits Long-lasting Specific Antibody, T and B Cell Immune Responses in Recovered Individuals. <i>Clinical Infectious Diseases</i> , 2023, 76, e308-e318.	5.8	6
32	Wasp venom peptide improves the proapoptotic activity of alendronate sodium in A549 lung cancer cells. <i>PLoS ONE</i> , 2022, 17, e0264093.	2.5	4
33	Canine CD117-Specific Antibodies with Diverse Binding Properties Isolated from a Phage Display Library Using Cell-Based Biopanning. <i>Antibodies</i> , 2019, 8, 15.	2.5	3
34	Development of an Icariin-Loaded Bilosome-Melittin Formulation with Improved Anticancer Activity against Cancerous Pancreatic Cells. <i>Pharmaceutics</i> , 2021, 14, 1309.	3.8	2