

Khalid Saad Alharbi

List of Publications by Year in descending order

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86
papers

1,294
citations

361388

20
h-index

454934

30
g-index

90
all docs

90
docs citations

90
times ranked

1120
citing authors

#	ARTICLE	IF	CITATIONS
1	Nuclear factor-kappa B and its role in inflammatory lung disease. <i>Chemico-Biological Interactions</i> , 2021, 345, 109568.	4.0	110
2	Functionalized mesoporous silica nanoparticles in anticancer therapeutics. <i>Seminars in Cancer Biology</i> , 2021, 69, 365-375.	9.6	63
3	Ganoderic acid loaded nano-lipidic carriers improvise treatment of hepatocellular carcinoma. <i>Drug Delivery</i> , 2019, 26, 782-793.	5.7	62
4	Nanomedicine in treatment of breast cancer – A challenge to conventional therapy. <i>Seminars in Cancer Biology</i> , 2021, 69, 279-292.	9.6	59
5	<p>Stimulus Responsive Ocular Gentamycin-Ferrying Chitosan Nanoparticles Hydrogel: Formulation Optimization, Ocular Safety and Antibacterial Assessment</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 4717-4737.	6.7	40
6	A review on epidermal growth factor receptor's role in breast and non-small cell lung cancer. <i>Chemico-Biological Interactions</i> , 2022, 351, 109735.	4.0	37
7	BBD-Based Development of Itraconazole Loaded Nanostructured Lipid Carrier for Topical Delivery: In Vitro Evaluation and Antimicrobial Assessment. <i>Journal of Pharmaceutical Innovation</i> , 2021, 16, 85-98.	2.4	36
8	Novel 1,2,4-triazole derivatives as apoptotic inducers targeting p53: Synthesis and antiproliferative activity. <i>Bioorganic Chemistry</i> , 2020, 105, 104369.	4.1	35
9	Formulation of Chitosan Polymeric Vesicles of Ciprofloxacin for Ocular Delivery: Box-Behnken Optimization, In Vitro Characterization, HET-CAM Irritation, and Antimicrobial Assessment. <i>AAPS PharmSciTech</i> , 2020, 21, 167.	3.3	35
10	<p>Design, Synthesis and Biological Evaluation of New HDAC1 and HDAC2 Inhibitors Endowed with Ligustrazine as a Novel Cap Moiety</p>. <i>Drug Design, Development and Therapy</i> , 2020, Volume 14, 497-508.	4.3	35
11	Nanotherapeutic systems for delivering cancer vaccines: recent advances. <i>Nanomedicine</i> , 2020, 15, 1527-1537.	3.3	31
12	Bioactive Apigenin loaded oral nano bilosomes: Formulation optimization to preclinical assessment. <i>Saudi Pharmaceutical Journal</i> , 2021, 29, 269-279.	2.7	31
13	Therapeutic potential of nanoemulsions as feasible wagons for targeting Alzheimer’s disease. <i>Drug Discovery Today</i> , 2021, 26, 2881-2888.	6.4	29
14	Sulfonamide-based 4-anilinoquinoline derivatives as novel dual Aurora kinase (AURKA/B) inhibitors: Synthesis, biological evaluation and in silico insights. <i>Bioorganic and Medicinal Chemistry</i> , 2020, 28, 115525.	3.0	28
15	Novel therapeutic interventions in cancer treatment using protein and peptide-based targeted smart systems. <i>Seminars in Cancer Biology</i> , 2021, 69, 249-267.	9.6	26
16	Long-Acting Paliperidone Parenteral Formulations Based on Polycaprolactone Nanoparticles; the Influence of Stabilizer and Chitosan on In Vitro Release, Protein Adsorption, and Cytotoxicity. <i>Pharmaceutics</i> , 2020, 12, 160.	4.5	25
17	Development of solid lipid nanoparticle as carrier of pioglitazone for amplification of oral efficacy: Formulation design optimization, in-vitro characterization and in-vivo biological evaluation. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 57, 101674.	3.0	25
18	Identification of N-phenyl-2-(phenylsulfonyl)acetamides/propanamides as new SLC-0111 analogues: Synthesis and evaluation of the carbonic anhydrase inhibitory activities. <i>European Journal of Medicinal Chemistry</i> , 2021, 218, 113360.	5.5	24

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19	Nuclear factor-kappa B (NF- κ B) inhibition as a therapeutic target for plant nutraceuticals in mitigating inflammatory lung diseases. <i>Chemico-Biological Interactions</i> , 2022, 354, 109842.	4.0	24
20	Gene Therapy Approach with an Emphasis on Growth Factors: Theoretical and Clinical Outcomes in Neurodegenerative Diseases. <i>Molecular Neurobiology</i> , 2022, 59, 191-233.	4.0	22
21	Gut Microbiota Disruption in COVID-19 or Post-COVID Illness Association with severity biomarkers: A Possible Role of Pre / Pro-biotics in manipulating microflora. <i>Chemico-Biological Interactions</i> , 2022, 358, 109898.	4.0	22
22	Development of novel dapagliflozin loaded solid self-nanoemulsifying oral delivery system: Physiochemical characterization and in vivo antidiabetic activity. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 54, 101279.	3.0	20
23	Lipid/polymer-based nanocomplexes in nucleic acid delivery as cancer vaccines. <i>Drug Discovery Today</i> , 2021, 26, 1891-1903.	6.4	19
24	Nucleic acid-loaded lipid-polymer nano hybrids as novel nanotherapeutics in anticancer therapy. <i>Expert Opinion on Drug Delivery</i> , 2020, 17, 805-816.	5.0	18
25	Superbranched polyglycerol nanostructures as drug delivery and theranostics tools for cancer treatment. <i>Drug Discovery Today</i> , 2021, 26, 1006-1017.	6.4	18
26	Nanocolloidal lipidic carriers of olmesartan medoxomil surface-tailored with Concanavalin-A for lectin receptor targeting. <i>Nanomedicine</i> , 2018, 13, 3107-3128.	3.3	17
27	Beta-catenin non-canonical pathway: A potential target for inflammatory and hyperproliferative state via expression of transglutaminase 2 in psoriatic skin keratinocyte. <i>Dermatologic Therapy</i> , 2020, 33, e14209.	1.7	17
28	Exploring satisfaction level among outpatients regarding pharmacy facilities and services in the Kingdom of Saudi Arabia; a large regional analysis. <i>PLoS ONE</i> , 2021, 16, e0247912.	2.5	15
29	Promises of phytochemical based nano drug delivery systems in the management of cancer. <i>Chemico-Biological Interactions</i> , 2022, 351, 109745.	4.0	15
30	Protective Effect of RIVA Against Sunitinib-Induced Cardiotoxicity by Inhibiting Oxidative Stress-Mediated Inflammation: Probable Role of TGF- β 2 and Smad Signaling. <i>Cardiovascular Toxicology</i> , 2020, 20, 281-290.	2.7	14
31	Development of Piperine-Loaded Solid Self-Nanoemulsifying Drug Delivery System: Optimization, In-Vitro, Ex-Vivo, and In-Vivo Evaluation. <i>Nanomaterials</i> , 2021, 11, 2920.	4.1	14
32	Role of rivaroxaban in sunitinib-induced renal injuries via inhibition of oxidative stress-induced apoptosis and inflammation through the tissue necrosis factor- α induced nuclear factor- κ B signaling pathway in rats. <i>Journal of Thrombosis and Thrombolysis</i> , 2020, 50, 361-370.	2.1	13
33	Systematic Development of Solid Lipid Nanoparticles of Abiraterone Acetate with Improved Oral Bioavailability and Anticancer Activity for Prostate Carcinoma Treatment. <i>ACS Omega</i> , 2022, 7, 16968-16979.	3.5	13
34	Novel nanotechnology approaches for diagnosis and therapy of breast, ovarian and cervical cancer in female: A review. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 61, 102198.	3.0	12
35	Chitosan-ethyl cellulose microspheres of domperidone for nasal delivery: Preparation, in-vitro characterization, in-vivo study for pharmacokinetic evaluation and bioavailability enhancement. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 63, 102471.	3.0	12
36	Formulation of Genistein-HP β Cyclodextrin-Poloxamer 188 Ternary Inclusion Complex: Solubility to Cytotoxicity Assessment. <i>Pharmaceutics</i> , 2021, 13, 1997.	4.5	12

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37	Nanocarriers-loaded with natural actives as newer therapeutic interventions for treatment of hepatocellular carcinoma. <i>Expert Opinion on Drug Delivery</i> , 2021, 18, 489-513.	5.0	11
38	Appraisal of the Antiarthritic Potential of Prazosin via Inhibition of Proinflammatory Cytokine TNF- α : A Key Player in Rheumatoid Arthritis. <i>ACS Omega</i> , 2021, 6, 2379-2388.	3.5	11
39	Nasal Mucoadhesive Microspheres of Lercanidipine with Improved Systemic Bioavailability and Antihypertensive Activity. <i>Journal of Pharmaceutical Innovation</i> , 2021, 16, 237-246.	2.4	10
40	Implications of Solid Lipid Nanoparticles of Ganoderic Acid for the Treatment and Management of Hepatocellular Carcinoma. <i>Journal of Pharmaceutical Innovation</i> , 2021, 16, 359-370.	2.4	10
41	Role of Epithelial-to-Mesenchymal Transition Markers in Different Stages of Endometriosis: Expression of the Snail, Slug, ZEB1, and Twist Genes. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2021, 31, 89-95.	0.9	9
42	Dabigatran mitigates cisplatin-mediated nephrotoxicity through down regulation of thrombin pathway. <i>Journal of Advanced Research</i> , 2021, 31, 127-136.	9.5	9
43	Formulation of carteolol chitosomes for ocular delivery: formulation optimization, <i>in vivo</i> permeation, and ocular toxicity examination. <i>Cutaneous and Ocular Toxicology</i> , 2021, 40, 338-349.	1.3	9
44	Formulation of Chitosan-Coated Piperine NLCs: Optimization, In Vitro Characterization, and In Vivo Preclinical Assessment. <i>AAPS PharmSciTech</i> , 2021, 22, 231.	3.3	9
45	EGF-functionalized lipid-polymer hybrid nanoparticles of 5-fluorouracil and sulforaphane with enhanced bioavailability and anticancer activity against colon carcinoma. <i>Biotechnology and Applied Biochemistry</i> , 2022, 69, 2205-2221.	3.1	9
46	Anti-Huntington's Effect of Butin in 3-Nitropropionic Acid-Treated Rats: Possible Mechanism of Action. <i>Neurotoxicity Research</i> , 2022, 40, 66-77.	2.7	9
47	Bioactive Luteolin Entrapped Chitosan-PLGA Nanoparticles: Formulation Optimization to In-Vivo Preclinical Evaluation. <i>Journal of Cluster Science</i> , 2023, 34, 437-449.	3.3	9
48	Hispolon-Loaded Liquid Crystalline Nanoparticles: Development, Stability, In Vitro Delivery Profile, and Assessment of Hepatoprotective Activity in Hepatocellular Carcinoma. <i>ACS Omega</i> , 2022, 7, 9452-9464.	3.5	9
49	Effects of berberine on intestinal flora of Non-alcoholic fatty liver induced by High-fat diet through 16S rRNA gene segmentation. <i>Journal of King Saud University - Science</i> , 2020, 32, 2603-2609.	3.5	8
50	Diosmin-loaded solid nanoparticles as nano-antioxidant therapy for management of hepatocellular carcinoma: QbD-based optimization, in vitro and in vivo evaluation. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 61, 102213.	3.0	8
51	Three α -D α s: Design approach, dimensional printing, and drug delivery systems as promising tools in healthcare applications. <i>Drug Discovery Today</i> , 2021, 26, 2726-2733.	6.4	8
52	Formulation of ternary genistein β -cyclodextrin inclusion complex: In vitro characterization and cytotoxicity assessment using breast cancer cell line. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 67, 102932.	3.0	8
53	Inhibition of Bruton tyrosine kinase by acalabrutinib dampens lipopolysaccharide/galactosamine-induced hepatic damage. <i>Biomedicine and Pharmacotherapy</i> , 2020, 131, 110736.	5.6	7
54	Calcium sensing receptor hyperactivation through viral envelop protein E of SARS CoV2: A novel target for cardio-renal damage in COVID-19 infection. <i>Drug Development Research</i> , 2021, 82, 784-788.	2.9	7

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55	Mucoadhesive In Situ Rectal Gel Loaded with Rifampicin: Strategy to Improve Bioavailability and Alleviate Liver Toxicity. <i>Pharmaceutics</i> , 2021, 13, 336.	4.5	7
56	6-Shogaol attenuated ethylene glycol and aluminium chloride induced urolithiasis and renal injuries in rodents. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 3418-3423.	3.8	7
57	Nano lipidic carriers for codelivery of sorafenib and ganoderic acid for enhanced synergistic antitumor efficacy against hepatocellular carcinoma. <i>Saudi Pharmaceutical Journal</i> , 2021, 29, 843-856.	2.7	7
58	Complete Blood-count-based Inflammatory Score (CBCS) of COVID-19 Patients at Tertiary Care Center. <i>Alternative Therapies in Health and Medicine</i> , 2021, 27, 18-24.	0.0	7
59	A narrative review on the biology of piezo1 with platelet-rich plasma in cardiac cell regeneration. <i>Chemico-Biological Interactions</i> , 2022, 363, 110011.	4.0	7
60	Synthesis and Characterization of Antibiotic-Loaded Biodegradable Citrate Functionalized Mesoporous Hydroxyapatite Nanocarriers as an Alternative Treatment for Bone Infections. <i>Pharmaceutics</i> , 2022, 14, 975.	4.5	6
61	Formulation of amorphous ternary solid dispersions of dapagliflozin using PEG 6000 and Poloxamer 188: solid-state characterization, <i>in vivo</i> study, and molecular simulation assessment. <i>Drug Development and Industrial Pharmacy</i> , 2020, 46, 1458-1467.	2.0	5
62	Effect of Roflumilast in airways disorders via dual inhibition of phosphodiesterase and Ca ²⁺ -channel. <i>Saudi Pharmaceutical Journal</i> , 2020, 28, 698-702.	2.7	5
63	Potential of Natural Bioactive Compounds in Management of Diabetes: Review of Preclinical and Clinical Evidence. <i>Current Pharmacology Reports</i> , 2021, 7, 107-122.	3.0	5
64	Methanolic extract of <i>Cucumis melo</i> attenuates ethylene glycol-induced nephrolithiasis in Wistar rats. <i>Urolithiasis</i> , 2021, 49, 301-308.	2.0	5
65	Evaluation of Ligustrazine-Based Synthetic Compounds for their Antiproliferative Effects. <i>Medicinal Chemistry</i> , 2021, 17, 956-962.	1.5	5
66	6-Shogaol Attenuates Traumatic Brain Injury-Induced Anxiety/Depression-like Behavior via Inhibition of Oxidative Stress-Influenced Expressions of Inflammatory Mediators TNF- α , IL-1 β , and BDNF: Insight into the Mechanism. <i>ACS Omega</i> , 2022, 7, 140-148.	3.5	5
67	Protective effect of baicalein alone and losartan-baicalein combination therapy on doxorubicin-induced hepatotoxicity in rats. <i>Toxicology and Environmental Health Sciences</i> , 2020, 12, 45-54.	2.1	4
68	MG132 inhibits the expression of PBX3 through miRNAs by targeting Argonaute2 in hepatoma cells. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 2157-2163.	3.8	4
69	Implications of phospholipid-based nanomixed micelles of olmesartan medoxomil with enhanced lymphatic drug targeting ability and systemic bioavailability. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 62, 102273.	3.0	4
70	Impact of highly phospholipid-containing lipid nanocarriers on oral bioavailability and pharmacodynamics performance of genistein. <i>Pharmaceutical Development and Technology</i> , 2022, 27, 435-447.	2.4	4
71	Pharmacological appraisal of ligustrazine based cyclohexanone analogs as inhibitors of inflammatory markers. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 147, 105299.	4.0	3
72	Simultaneous analysis of several antihypertensive drugs in different combinations: Application for determination of drug degradation products and process impurities. <i>Microchemical Journal</i> , 2021, 166, 106203.	4.5	3

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73	An insight into the implications of estrogen deficiency and transforming growth factor β^2 in antiepileptic drugs-induced bone loss. <i>European Journal of Pharmacology</i> , 2021, 907, 174313.	3.5	3
74	Impact of COVID-19 on Nephrology Patients: A Mechanistic Outlook for Pathogenesis of Acute Kidney Injury. <i>Alternative Therapies in Health and Medicine</i> , 2020, 26, 66-71.	0.0	3
75	The potential protective effect of the <i>Polygonum hydropiper</i> L against the development of fructose-induced oxidative stress and metabolic disorders in male Sprague-Dawely rats. <i>Journal of Pharmacy and Pharmacology</i> , 2022, 74, 585-595.	2.4	2
76	Phytochemical analysis and reappraisal of diuretic activity of <i>Delphinium brunonianum</i> Royle and its mode of action in experimental rats. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2020, 33, 1833-1838.	0.2	2
77	Genotoxic potential of a novel PDE-4B inhibitor Apremilast by chromosomal aberration and micronucleus assay in mice. <i>Saudi Pharmaceutical Journal</i> , 2020, 28, 615-620.	2.7	1
78	Anticonvulsant effects of desvenlafaxine on modulating brain monoamine and oxidative stress in mice. <i>Brazilian Journal of Biology</i> , 2021, 83, e246194.	0.9	1
79	Study on vascular mechanisms underlying the hypotensive effect of <i>Sorghum halepense</i> (L.) Pers. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2020, 33, 2219-2230.	0.2	0
80	Blood pressure lowering effects of <i>Ranunculus scleratus</i> Linn. in normal and fructose induced hypertensive rats and estimation of underlying mechanisms. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2020, 33, 2243-2247.	0.2	0
81	Evaluation of effect of <i>Acacia jacquemontii</i> Benth. on blood pressure in normotensive and fructose induced hypertensive sprague dawley rats: An ethnopharmacological approach. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2020, 33, 2341-2345.	0.2	0
82	Ethyl-acetate extract of tara mira (<i>Eruca sativa</i>) alleviates the inflammation and rheumatoid arthritis in rats. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2021, 34, 1897-1902.	0.2	0
83	Biocompatible phospholipid-based nanovesicular drug delivery system of ketoprofen: Systematic development, optimization, and preclinical evaluation. <i>Biotechnology and Applied Biochemistry</i> , 2022, , .	3.1	0
84	Pharmacological evaluation of cardioprotective potential of <i>Berberis orthobotrys</i> Bien.ex Aitch.. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2022, 35, 171-175.	0.2	0
85	Cardioprotective potential of <i>Thymus linearis</i> Benth.. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2022, 35, 281-285.	0.2	0
86	Biochemical interaction of pyrvinium in gentamicin-induced acute kidney injury by modulating calcium dyshomeostasis and mitochondrial dysfunction. <i>Chemico-Biological Interactions</i> , 2022, 363, 110020.	4.0	0