

Mohammad M Al-Sanea

List of Publications by Year in descending order

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77
papers

1,181
citations

361296

20
h-index

477173

29
g-index

78
all docs

78
docs citations

78
times ranked

1101
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanostructured lipid carriers (NLCs) as drug delivery platform: Advances in formulation and delivery strategies. Saudi Pharmaceutical Journal, 2021, 29, 999-1012.	1.2	93
2	Antitumor properties of certain spirooxindoles towards hepatocellular carcinoma endowed with antioxidant activity. Journal of Enzyme Inhibition and Medicinal Chemistry, 2020, 35, 831-839.	2.5	61
3	New pyrimidine-benzoxazole/benzimidazole hybrids: Synthesis, antioxidant, cytotoxic activity, in vitro cyclooxygenase and phospholipase A2-V inhibition. Bioorganic Chemistry, 2019, 92, 103218.	2.0	49
4	Novel [(<i>N</i> -alkyl-3-indolylmethylene)hydrazono]oxindoles arrest cell cycle and induce cell apoptosis by inhibiting CDK2 and Bcl-2: synthesis, biological evaluation and <i>in silico</i> studies. Journal of Enzyme Inhibition and Medicinal Chemistry, 2020, 35, 1300-1309.	2.5	46
5	3-Methylthiazolo[3,2-a]benzimidazole-benzenesulfonamide conjugates as novel carbonic anhydrase inhibitors endowed with anticancer activity: Design, synthesis, biological and molecular modeling studies. European Journal of Medicinal Chemistry, 2020, 207, 112745.	2.6	45
6	Benzofuran-Based Carboxylic Acids as Carbonic Anhydrase Inhibitors and Antiproliferative Agents against Breast Cancer. ACS Medicinal Chemistry Letters, 2020, 11, 1022-1027.	1.3	42
7	Fruit-Derived Polysaccharides and Terpenoids: Recent Update on the Gastroprotective Effects and Mechanisms. Frontiers in Pharmacology, 2018, 9, 569.	1.6	41
8	Novel aryl carboximidamide and 3-aryl-1,2,4-oxadiazole analogues of naproxen as dual selective COX-2/15-LOX inhibitors: Design, synthesis and docking studies. Bioorganic Chemistry, 2019, 85, 577-584.	2.0	40
9	<p>Design, Synthesis and Biological Evaluation of New HDAC1 and HDAC2 Inhibitors Endowed with Ligustrazine as a Novel Cap Moiety<p>. Drug Design, Development and Therapy, 2020, Volume 14, 497-508.	2.0	35
10	Strawberry and Ginger Silver Nanoparticles as Potential Inhibitors for SARS-CoV-2 Assisted by In Silico Modeling and Metabolic Profiling. Antibiotics, 2021, 10, 824.	1.5	31
11	Sulfonamide-based 4-anilinoquinoline derivatives as novel dual Aurora kinase (AURKA/B) inhibitors: Synthesis, biological evaluation and in silico insights. Bioorganic and Medicinal Chemistry, 2020, 28, 115525.	1.4	28
12	Molecular Detection of Fluoroquinolone Resistance among Multidrug-, Extensively Drug-, and Pan-Drug-Resistant Campylobacter Species in Egypt. Antibiotics, 2021, 10, 1342.	1.5	27
13	Clonal Diversity and Epidemiological Characteristics of ST239-MRSA Strains. Frontiers in Cellular and Infection Microbiology, 2022, 12, 782045.	1.8	25
14	Synthesis and biological evaluation of novel 3-(quinolin-4-ylamino)benzenesulfonamides as carbonic anhydrase isoforms I and II inhibitors. Journal of Enzyme Inhibition and Medicinal Chemistry, 2019, 34, 1457-1464.	2.5	24
15	Identification of N-phenyl-2-(phenylsulfonyl)acetamides/propanamides as new SLC-0111 analogues: Synthesis and evaluation of the carbonic anhydrase inhibitory activities. European Journal of Medicinal Chemistry, 2021, 218, 113360.	2.6	24
16	Elevated CO ₂ differently suppresses the arsenic oxide nanoparticles-induced stress in C3 (Hordeum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 anthocyanin metabolism. Plant Physiology and Biochemistry, 2021, 166, 235-245.	2.8	24
17	Structure-based optimization and biological evaluation of trisubstituted pyrazole as a core structure of potent ROS1 kinase inhibitors. Bioorganic and Medicinal Chemistry, 2014, 22, 3871-3878.	1.4	22
18	Potential Anticancer Lipoxygenase Inhibitors from the Red Sea-Derived Brown Algae Sargassum cinereum: An In-Silico-Supported In-Vitro Study. Antibiotics, 2021, 10, 416.	1.5	22

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19	Development of 3-methyl/3-(morpholinomethyl)benzofuran derivatives as novel antitumor agents towards non-small cell lung cancer cells. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2021, 36, 987-999.	2.5	21
20	Staurosporine Analogues from Microbial and Synthetic Sources and Their Biological Activities. <i>Current Medicinal Chemistry</i> , 2013, 20, 3872-3902.	1.2	21
21	Antioxidant and Wound Healing Potential of <i>Vitis vinifera</i> Seeds Supported by Phytochemical Characterization and Docking Studies. <i>Antioxidants</i> , 2022, 11, 881.	2.2	21
22	Novel Phenolic Compounds as Potential Dual EGFR and COX-2 Inhibitors: Design, Semisynthesis, in vitro Biological Evaluation and in silico Insights. <i>Drug Design, Development and Therapy</i> , 2021, Volume 15, 2325-2337.	2.0	20
23	<i>Clostridium perfringens</i> Associated with Foodborne Infections of Animal Origins: Insights into Prevalence, Antimicrobial Resistance, Toxin Genes Profiles, and Toxinotypes. <i>Biology</i> , 2022, 11, 551.	1.3	20
24	Antiulcer Potential of <i>Olea europea</i> L. cv. Arbequina Leaf Extract Supported by Metabolic Profiling and Molecular Docking. <i>Antioxidants</i> , 2021, 10, 644.	2.2	18
25	Olive Oil/Pluronic Oleogels for Skin Delivery of Quercetin: In Vitro Characterization and Ex Vivo Skin Permeability. <i>Polymers</i> , 2021, 13, 1808.	2.0	17
26	Cytotoxic Potential, Metabolic Profiling, and Liposomes of <i>Coscinoderma</i> sp. Crude Extract Supported by in silico Analysis. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 3861-3874.	3.3	17
27	Influence of Stabilizer on the Development of Luteolin Nanosuspension for Cutaneous Delivery: An In Vitro and In Vivo Evaluation. <i>Pharmaceutics</i> , 2021, 13, 1812.	2.0	17
28	Synthesis and in Vitro Screening of Phenylbipyridinylpyrazole Derivatives as Potential Antiproliferative Agents. <i>Molecules</i> , 2015, 20, 1031-1045.	1.7	16
29	Multitarget in silico studies of <i>Ocimum menthiifolium</i> , family Lamiaceae against SARS-CoV-2 supported by molecular dynamics simulation. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, , 1-11.	2.0	16
30	A New CDK2 Inhibitor with 3-Hydrazonoindolin-2-One Scaffold Endowed with Anti-Breast Cancer Activity: Design, Synthesis, Biological Evaluation, and In Silico Insights. <i>Molecules</i> , 2021, 26, 412.	1.7	16
31	Innovative next-generation therapies in combating multi-drug-resistant and multi-virulent <i>Escherichia coli</i> isolates: insights from in vitro, in vivo, and molecular docking studies. <i>Applied Microbiology and Biotechnology</i> , 2022, 106, 1691-1703.	1.7	15
32	Synthesis and biological evaluation of new pyrazol-4-ylpyrimidine derivatives as potential ROS1 kinase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2015, 90, 195-208.	2.6	14
33	ROS1 Kinase Inhibitors for Molecular-Targeted Therapies. <i>Current Medicinal Chemistry</i> , 2016, 23, 142-160.	1.2	14
34	Alternative and Complementary Therapies against Foodborne <i>Salmonella</i> Infections. <i>Antibiotics</i> , 2021, 10, 1453.	1.5	13
35	Synthesis of new diarylamides with pyrimidinyl pyridine scaffold and evaluation of their anti-proliferative effect on cancer cell lines. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 1301-1304.	1.0	11
36	Anti-nociceptive mechanisms of flavonoids-rich methanolic extract from <i>Terminalia coriacea</i> (Roxb.) Wight & Arn. leaves. <i>Food and Chemical Toxicology</i> , 2018, 115, 523-531.	1.8	11

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37	Metabolomic profiling of three <i>Araucaria</i> species, and their possible potential role against COVID-19. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, , 1-13.	2.0	10
38	Design, Synthesis and in-vitro Screening of New 1H-Pyrazole and 1,2-Isoxazole Derivatives as Potential Inhibitors for ROS and MAPK14 Kinases. <i>Bulletin of the Korean Chemical Society</i> , 2013, 34, 437-442.	1.0	10
39	New Cytotoxic Natural Products from the Red Sea Sponge <i>Stylissa carteri</i> . <i>Marine Drugs</i> , 2020, 18, 241.	2.2	9
40	Identification of Novel Potential VEGFR-2 Inhibitors Using a Combination of Computational Methods for Drug Discovery. <i>Life</i> , 2021, 11, 1070.	1.1	9
41	Improved Mineral Acquisition, Sugars Metabolism and Redox Status after Mycorrhizal Inoculation Are the Basis for Tolerance to Vanadium Stress in C3 and C4 Grasses. <i>Journal of Fungi (Basel)</i> , 2021, 7, 1070.	1.0	10
42	Docking Study, Synthesis, and Anti-Inflammatory Potential of Some New Pyridopyrimidine-Derived Compounds. <i>Journal of Inflammation Research</i> , 2022, Volume 15, 451-463.	1.6	9
43	A Network Pharmacology Analysis of Cytotoxic Triterpenes Isolated from <i>Euphorbia abyssinica</i> Latex Supported by Drug-likeness and ADMET Studies. <i>ACS Omega</i> , 2022, 7, 17713-17722.	1.6	9
44	Bioactive Phytochemicals of <i>Citrus reticulata</i> Seeds: An Example of Waste Product Rich in Healthy Skin Promoting Agents. <i>Antioxidants</i> , 2022, 11, 984.	2.2	9
45	Design and Synthesis of New [1,2,3]Triazolo[4,5-d]pyrimidine Derivatives as Potential Antiproliferative Agents. <i>Bulletin of the Korean Chemical Society</i> , 2015, 36, 1863-1873.	1.0	8
46	Methanolic Extract of <i>Leathery Murdah</i> , <i>Terminalia coriacea</i> (Roxb.) Wight and Arn. Leaves Exhibits Anti-Inflammatory Activity in Acute and Chronic Models. <i>Medical Principles and Practice</i> , 2018, 27, 267-271.	1.1	8
47	Synthesis and In Vitro Antiproliferative Activity of New 1-Phenyl-3-(4-(pyridin-3-yl)phenyl)urea Scaffold-Based Compounds. <i>Molecules</i> , 2018, 23, 297.	1.7	7
48	Inhibition of Bruton tyrosine kinase by acalabrutinib dampens lipopolysaccharide/galactosamine-induced hepatic damage. <i>Biomedicine and Pharmacotherapy</i> , 2020, 131, 110736.	2.5	7
49	Design, Synthesis and Anticancer Profile of New 4-(1H-benzo[d]imidazol-1-yl)pyrimidin-2-amine-Linked Sulfonamide Derivatives with V600EBRAF Inhibitory Effect. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10491.	1.8	7
50	An In Vitro and In Silico Study of the Enhanced Antiproliferative and Pro-Oxidant Potential of <i>Olea europaea</i> L. cv. <i>Arbosana</i> Leaf Extract via Elastic Nanovesicles (Spanlastics). <i>Antioxidants</i> , 2021, 10, 1860.	2.2	7
51	Optimization of Bipyridinyl Pyrazole Scaffolds via Design, Synthesis and Screening of a New Series of ROS1 Kinase-Modulating Compounds. <i>Bulletin of the Korean Chemical Society</i> , 2015, 36, 305-311.	1.0	6
52	New Benzoxazole Derivatives as Antiprotozoal Agents: In Silico Studies, Synthesis, and Biological Evaluation. <i>Journal of Chemistry</i> , 2021, 2021, 1-11.	0.9	6
53	Targeting 3CLpro and SARS-CoV-2 RdRp by Amphimedon sp. Metabolites: A Computational Study. <i>Molecules</i> , 2021, 26, 3775.	1.7	5
54	Identification of non-classical hCA XII inhibitors using combination of computational approaches for drug design and discovery. <i>Scientific Reports</i> , 2021, 11, 15516.	1.6	5

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55	Evaluation of Ligustrazine-Based Synthetic Compounds for their Antiproliferative Effects. <i>Medicinal Chemistry</i> , 2021, 17, 956-962.	0.7	5
56	Comparative Analysis of Human and Animal E. coli: Serotyping, Antimicrobial Resistance, and Virulence Gene Profiling. <i>Antibiotics</i> , 2022, 11, 552.	1.5	5
57	What Is behind the Correlation Analysis of Diarrheogenic E. coli Pathotypes?. <i>Biology</i> , 2022, 11, 1004.	1.3	5
58	Specific data structure intended for the implementation of high level ISO standards: Associated algorithms and dedicated hardware. <i>Microprocessing and Microprogramming</i> , 1988, 24, 103-110.	0.3	4
59	Crop losses due to olive moth mediated by ethylene. <i>Pest Management Science</i> , 2008, 64, 720-724.	1.7	4
60	Synthesis and biological evaluation of small molecule modulators of CDK8/Cyclin C complex with phenylaminoquinoline scaffold. <i>PeerJ</i> , 2020, 8, e8649.	0.9	4
61	Cancer Chemopreventive Potential and Chemical Profiling of <i>Euphorbia abyssinica</i> Endowed with Docking Studies. <i>ACS Omega</i> , 2022, 7, 3596-3604.	1.6	4
62	Botanical description, bioactivity guided isolation and in silico mode of action of anti-diabetic constituents of <i>Pterocarpus dalbergioides</i> flowers. <i>South African Journal of Botany</i> , 2022, 147, 163-175.	1.2	4
63	An ASIC architecture for implementing low-level communication circuits. , 0, , .		3
64	An efficient approach for implementing MAC-level communication circuits. , 0, , .		3
65	Biotransformation studies of prednisone using human intestinal bacteria Part II: Anaerobic incubation and docking studies. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2009, 24, 1211-1219.	2.5	3
66	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.	2.3	3
67	Small Molecules as LIM Kinase Inhibitors. <i>Current Medicinal Chemistry</i> , 2021, 28, .	1.2	3
68	In Vitro Anti-Proliferative, and Kinase Inhibitory Activity of Phenanthroindolizidine Alkaloids Isolated from <i>Tylophora indica</i> . <i>Plants</i> , 2022, 11, 1295.	1.6	3
69	The use of ethylene diffusers is comparable to treatments with sprayed ethylene to reduce the damage caused by the olive moth (<i>Prays oleae</i> Bern.). <i>Journal of Pest Science</i> , 2008, 81, 193-197.	1.9	2
70	Investigation of Perceived Stress and Quality of Life Assessment of pharm. D. Students at Ibn Sina National College in Saudia Arabia during 2016. <i>Journal of Applied Pharmaceutical Science</i> , 0, , .	0.7	2
71	Design, synthesis, and biological evaluation of novel pyrido-dipyrimidines as dual topoisomerase II/FLT3 inhibitors in leukemia cells. <i>Bioorganic Chemistry</i> , 2022, 122, 105752.	2.0	2
72	Comparing the benefits between pesticides and ethylene treatments in reducing olive moth population numbers and damage. <i>International Journal of Pest Management</i> , 2008, 54, 327-331.	0.9	1

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73	<p>Molecular Characterization of Hepatitis C Virus for Developed Antiviral Agents Resistance Mutations and New Insights into in-silico Prediction Studies. Infection and Drug Resistance, 2020, Volume 13, 4235-4248.</p>	1.1	1
74	<p>Prevalence of Vitamin D Deficiency in Jeddah's Children, Kingdom of Saudi Arabia. Journal of Pure and Applied Microbiology, 2018, 12, 1737-1741.</p>	0.3	1
75	<p>Genotoxic potential of a novel PDE-4B inhibitor Apremilast by chromosomal aberration and micronucleus assay in mice. Saudi Pharmaceutical Journal, 2020, 28, 615-620.</p>	1.2	1
76	<p>Development and Greenness Assessment of HPLC Method for Studying the Pharmacokinetics of Co-Administered Metformin and Papaya Extract. Molecules, 2022, 27, 375.</p>	1.7	1
77	<p>Aptamers in Drug Design: An Emerging Weapon to Fight a Losing Battle. Current Drug Targets, 2019, 20, 1624-1635.</p>	1.0	0