

Fares Hezam Al-Ostoot

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68

papers

707

citations

16

h-index

23

g-index

76

ext. papers

922

ext. citations

3.2

avg, IF

4.4

L-index

#	Paper	IF	Citations
68	Synthesis and tumor inhibitory activity of novel coumarin analogs targeting angiogenesis and apoptosis. <i>European Journal of Medicinal Chemistry</i> , 2014 , 75, 211-21	6.8	62
67	Anti-tumor and proapoptotic effect of novel synthetic benzophenone analogues in Ehrlich ascites tumor cells. <i>Bioorganic and Medicinal Chemistry</i> , 2006 , 14, 435-46	3.4	48
66	BP-1T, an antiangiogenic benzophenone-thiazole pharmacophore, counteracts HIF-1 signalling through p53/MDM2-mediated HIF-1 proteasomal degradation. <i>Angiogenesis</i> , 2017 , 20, 55-71	10.6	33
65	Synthesis, angiopreventive activity, and in vivo tumor inhibition of novel benzophenone-benzimidazole analogs. <i>Life Sciences</i> , 2013 , 93, 904-11	6.8	31
64	Antiangiogenic effect of 2-benzoyl-phenoxy acetamide in EAT cell is mediated by HIF-1 α and down regulation of VEGF of in-vivo. <i>Investigational New Drugs</i> , 2006 , 24, 471-8	4.3	28
63	Synthesis of coumarin analogs appended with quinoline and thiazole moiety and their apoptogenic role against murine ascitic carcinoma. <i>Biomedicine and Pharmacotherapy</i> , 2019 , 112, 108707	7.5	27
62	A tumoural angiogenic gateway blocker, Benzophenone-1B represses the HIF-1 α nuclear translocation and its target gene activation against neoplastic progression. <i>Biochemical Pharmacology</i> , 2017 , 125, 26-40	6	26
61	Synthesis, characterization, biological and catalytic applications of transition metal complexes derived from Schiff base. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014 , 24, 3559-64	2.9	25
60	Synthesis of some newer analogues of substituted dibenzoyl phenol as potent anti-inflammatory agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004 , 14, 5351-5	2.9	25
59	Design, synthesis and molecular docking of benzophenone conjugated with oxadiazole sulphur bridge pyrazole pharmacophores as anti inflammatory and analgesic agents. <i>Bioorganic Chemistry</i> , 2019 , 92, 103220	5.1	22
58	Synthesis and antiproliferative activity of benzophenone tagged pyridine analogues towards activation of caspase activated DNase mediated nuclear fragmentation in Dalton's lymphoma. <i>Bioorganic Chemistry</i> , 2016 , 65, 73-81	5.1	21
57	Synthesis and anti-inflammatory activity of 2-aryloxy methyl oxazolines. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008 , 18, 4597-601	2.9	21
56	Synthesis, Elucidation, Hirshfeld surface analysis, and DFT calculations of 4-chloro-N-[2-(2-1H-indol-3-yl-acetylamino)-phenyl]-benzamide. <i>Journal of Molecular Structure</i> , 2019 , 1178, 384-393	3.4	20
55	Design and synthesis of diamide-coupled benzophenones as potential anticancer agents. <i>European Journal of Medicinal Chemistry</i> , 2016 , 115, 342-51	6.8	19
54	The Novel 4-Phenyl-2-Phenoxyacetamide Thiazoles modulates the tumor hypoxia leading to the crackdown of neoangiogenesis and evoking the cell death. <i>European Journal of Medicinal Chemistry</i> , 2018 , 143, 1826-1839	6.8	19
53	Synthesis and biological evaluation of salicylic acid conjugated isoxazoline analogues on immune cell proliferation and angiogenesis. <i>European Journal of Medicinal Chemistry</i> , 2016 , 114, 153-61	6.8	17
52	Design-based synthesis, molecular docking analysis of an anti-inflammatory drug, and geometrical optimization and interaction energy studies of an indole acetamide derivative. <i>Journal of Molecular Structure</i> , 2020 , 1202, 127244	3.4	16

51	Crystal packing analysis of 1-(3,4-dimethoxyphenyl)-3-(4-bromophenyl)prop-2-en-1-one exhibiting a putative halogen bond C Br \cdots O. <i>Journal of Molecular Structure</i> , 2018 , 1156, 216-223	3.4	15
50	Effect of o-difluoro and p-methyl substituents on the structure, optical properties and anti-inflammatory activity of phenoxy thiazole acetamide derivatives: Theoretical and experimental studies. <i>Journal of Molecular Structure</i> , 2020 , 1199, 127024	3.4	15
49	The anti-invasive role of novel synthesized pyridazine hydrazide appended phenoxy acetic acid against neoplastic development targeting matrix metallo proteases. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 95, 375-386	7.5	14
48	Synthesis, crystal structure, DFT calculations, Hirshfeld surface analysis, energy frameworks, molecular dynamics and docking studies of novel isoxazolequinoxaline derivative (IZQ) as anti-cancer drug. <i>Journal of Molecular Structure</i> , 2021 , 1232, 130004	3.4	13
47	Synthesis, crystal structure, spectroscopic characterization, docking simulation and density functional studies of 1-(3,4-dimethoxyphenyl)-3-(4-fluorophenyl)propan-1-one. <i>Journal of Molecular Structure</i> , 2018 , 1161, 199-217	3.4	11
46	Synthesis, docking and biological evaluation of thiadiazole and oxadiazole derivatives as antimicrobial and antioxidant agents. <i>Results in Chemistry</i> , 2020 , 2, 100045	2.1	10
45	Synthesis, antioxidant, and xanthine oxidase inhibitory activities of 5-[4-[2-(5-ethyl-2-pyridinyl)ethoxy]phenyl]methyl]-2,4-thiazolidinedione derivatives. <i>Archiv Der Pharmazie</i> , 2014 , 347, 247-55	4.3	10
44	Synthesis, crystal structure and 3D energy frameworks of ethyl 2-[5-nitro-2-oxopyridine-1(2H)-yl]acetate: Hirshfeld surface analysis and DFT calculations. <i>Chemical Data Collections</i> , 2019 , 20, 100195	2.1	9
43	Synthesis, xanthine oxidase inhibition, and antioxidant screening of benzophenone tagged thiazolidinone analogs. <i>Archiv Der Pharmazie</i> , 2014 , 347, 589-98	4.3	9
42	Synthesis of novel morpholine conjugated benzophenone analogues and evaluation of antagonistic role against neoplastic development. <i>Bioorganic Chemistry</i> , 2017 , 71, 55-66	5.1	8
41	Molecular Structure, DFT, Vibrational Spectra with Fluorescence Effect, Hirshfeld Surface, Docking Simulation and Antioxidant Activity of Thiazole Derivative. <i>ChemistrySelect</i> , 2019 , 4, 4544-4558	1.8	8
40	Microwave-assisted synthesis of 2-amino and 2-azetidionyl 5-(2-benzoyl-phenoxy)methyl) 1,3,4-oxadiazoles. <i>Heteroatom Chemistry</i> , 2004 , 15, 37-42	1.2	8
39	Tumor angiogenesis: Current challenges and therapeutic opportunities. <i>Cancer Treatment and Research Communications</i> , 2021 , 28, 100422	2	8
38	Synthesis, structure and molecular docking analysis of an anticancer drug of N-(2-aminophenyl)-2-(2-isopropylphenoxy) acetamide. <i>Molecular Crystals and Liquid Crystals</i> , 2018 , 675, 85-95	0.5	8
37	Molecular docking and synthesis of caffeic acid analogous and its anti-inflammatory, analgesic and ulcerogenic studies. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021 , 33, 127743	2.9	7
36	Synthesis, crystal structure and Hirshfeld surfaces of 1-(3,4-dimethoxyphenyl)-3-(3-hydroxyphenyl)prop-2-en-1-one. <i>Chemical Data Collections</i> , 2018 , 15-16, 153-160	2.1	7
35	Synthesis, structure analysis, DFT calculations, Hirshfeld surface studies, and energy frameworks of 6-Chloro-3-[(4-chloro-3-methylphenoxy)methyl][1,2,4]triazolo[4,3-b]pyridazine. <i>Journal of Molecular Structure</i> , 2021 , 1237, 130282	3.4	7
34	Synthesis, molecular docking, and apoptogenic efficacy of novel N-heterocycle analogs to target B-cell lymphoma 2/X-linked inhibitors of apoptosis proteins to regress melanoma. <i>Medicinal Chemistry Research</i> , 2019 , 28, 1132-1160	2.2	6

33	The critical role of novel benzophenone analogs on tumor growth inhibition targeting angiogenesis and apoptosis. <i>MedChemComm</i> , 2018 , 9, 639-656	5	6
32	Design and synthesis of conjugated azo-hydrazone analogues using nano BFO targeting ROS homeostasis in oncogenic and vascular progression. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 95, 419-428	7.5	6
31	Competent synthesis of biaryl analogs via asymmetric SuzukiMiyaura cross-coupling for the development of anti-inflammatory and analgesic agents. <i>Journal of the Iranian Chemical Society</i> , 1	2	6
30	Synthesis, in silico study and in vitro anti-microbial evaluation of some new N-benzoyl-NS[2-(4-chloro-phenoxy)-acetyl]-hydrazides analogs. <i>Journal of Applied Pharmaceutical Science</i> , 2019 , 9, 42-49	2	5
29	Targeting HIF-1 α by newly synthesized Indolephenoxyacetamide (IPA) analogs to induce anti-angiogenesis-mediated solid tumor suppression. <i>Pharmacological Reports</i> , 2021 , 73, 1328-1343	3.9	5
28	Optimized nano-perovskite lanthanum cuprate decorated PVA based solid polymer electrolyte. <i>Polymer-Plastics Technology and Materials</i> , 2020 , 59, 215-229	1.5	5
27	Recent investigations into synthesis and pharmacological activities of phenoxy acetamide and its derivatives (chalcone, indole and quinoline) as possible therapeutic candidates. <i>Journal of the Iranian Chemical Society</i> , 2021 , 18, 1839	2	5
26	Synthesis, crystal structure characterization, DFT calculations, Hirshfeld surface analysis and 3D energy frameworks of triazole pyridazine derivatives: Theoretical and experimental studies. <i>Journal of Molecular Structure</i> , 2021 , 1246, 131242	3.4	4
25	Synthesis, spectroscopic and X-ray crystallographic analysis of N-(2-(2-(4-chlorophenoxy)acetamido)phenyl)-1H-indole-2-carboxamide. <i>European Journal of Chemistry</i> , 2019 , 10, 234-238	0.6	3
24	Novel hemicyanine sensitizers based on benzothiazole-indole for dye-sensitized solar cells: Synthesis, optoelectrical characterization and efficiency of solar cell. <i>Journal of Molecular Structure</i> , 2021 , 1224, 128836	3.4	3
23	Synthesis, characterization, crystal structure and Hirshfeld surface analysis of ethyl 2-(2-oxo-2H-chromen-4-yloxy) acetate. <i>Chemical Data Collections</i> , 2017 , 9-10, 1-10	2.1	2
22	Synthesis, characterization, crystal structure and Hirshfeld surface analysis of o-tolyloxy acetic acid (1H-indol-3-yl-methylene)-hydrazide. <i>Chemical Data Collections</i> , 2017 , 11-12, 1-10	2.1	2
21	Synthesis of pyrimidones and evaluation of their xanthine oxidase inhibitory and antioxidant activities. <i>Archiv Der Pharmazie</i> , 2013 , 346, 805-11	4.3	2
20	Synthesis, structural analysis, Hirshfeld surface analysis, DFT calculations, in vitro and docking study on antioxidant activity of 6-chloro-3-[(4-methylphenoxy) methyl] [1,2,4] triazolo[4,3-b]pyridazine. <i>Molecular Crystals and Liquid Crystals</i> , 1-20	0.5	2
19	2-(2-Isopropylphenoxy)acetic acid. <i>IUCrData</i> , 2016 , 1,	0.7	1
18	Modulation of DNA damage response by targeting ATM kinase using newly synthesized di-phenoxy acetamide (DPA) analogs to induce anti-neoplasia. <i>Pharmacological Reports</i> , 2021 , 73, 1344-1360	3.9	1
17	Experimental and computational studies on the synthesis and structural characterization of 2-(4-chlorophenoxy)-N-[4-(4-methylphenyl)-1,3-thiazol-2-yl]acetamide. <i>Journal of Molecular Structure</i> , 2021 , 1249, 131588	3.4	1
16	Synthesis, crystal structure elucidation, Hirshfeld surface analysis, 3D energy frameworks and DFT studies of 2-(4-fluorophenoxy) acetic acid. <i>European Journal of Chemistry</i> , 2021 , 12, 304-313	0.6	1

15	Synthesis, crystal structure, Hirshfeld surface analysis, DFT calculations, 3D energy frameworks studies of Schiff base derivative 2,2'-(1Z,1'Z)-(1,2-phenylene bis(azanylylidene)) bis(methanylylidene)) diphenol. <i>Journal of Molecular Structure</i> , 2021 , 1244, 130910	3.4	1
14	Synthesis, molecular structure, DFT studies, in silico docking and molecular dynamics simulations of 2,6 dimethoxychalcone derivatives as BRD4 inhibitors. <i>Journal of Molecular Structure</i> , 2021 , 1245, 131032	3.4	1
13	Synthesis, analgesic, anti-inflammatory, COX/5-LOX inhibition, ulcerogenic evaluation, and docking study of benzimidazole bearing indole and benzophenone analogs. <i>Journal of Molecular Structure</i> , 2022 , 1259, 132741	3.4	1
12	Antiproliferative pharmacophore azo-hydrazone analogue BT-1F exerts death signalling pathway targeting STAT3 in solid tumour.. <i>Pharmacological Reports</i> , 2022 , 1	3.9	0
11	Synthesis, structure analysis, DFT calculations and energy frameworks of new coumarin appended oxadiazoles, to regress ascites malignancy by targeting VEGF mediated angiogenesis. <i>Journal of Molecular Structure</i> , 2022 , 1252, 132173	3.4	0
10	In-silico docking, synthesis, structure analysis, DFT calculations and energy frameworks of metal complexes to regress angiogenesis activity. <i>Journal of Molecular Structure</i> , 2022 , 1253, 132272	3.4	0
9	Synthesis, Characterization, DFT, Docking Studies and Molecular Dynamics of Some 3-Phenyl-5-Furan Isoxazole Derivatives as Anti-inflammatory and Anti-ulcer Agents. <i>Journal of Molecular Structure</i> , 2021 , 1250, 131812	3.4	0
8	Synthesis, structural characterization, and DFT studies of anti-cancer drug -(2-Aminophenyl)-2-(4-bromophenoxy)acetamide. <i>Heliyon</i> , 2021 , 7, e06464	3.6	0
7	Recent investigation on heterocycles with one nitrogen [piperidine, pyridine and quinoline], two nitrogen [1,3,4-thiadiazole and pyrazole] and three nitrogen [1,2,4-triazole]: a review. <i>Journal of the Iranian Chemical Society</i> , 1	2	0
6	Crystal structure, Hirshfeld surface analysis and density functional theory study of 1-nonyl-3-phenyl-quinoxalin-2-one. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021 , 77, 1037-1042	0.7	0
5	Design, docking, synthesis, and characterization of novel N§2-phenoxyacetyl) nicotinohydrazide and N§2-phenoxyacetyl)isonicotinohydrazide derivatives as anti-inflammatory and analgesic agents. <i>Journal of Molecular Structure</i> , 2022 , 1247, 131404	3.4	0
4	Flaxseed oil ameliorates mercuric chloride-induced liver damage in rats.. <i>Journal of Trace Elements in Medicine and Biology</i> , 2022 , 71, 126965	4.1	0
3	Synthesis, elucidation, DFT computations, Hirshfeld surface analysis and docking study of 6-chloro-3-[(4-fluoro-phenoxy)methyl][1, 2, 4]triazolo[4,3-b]pyridazine against fungi pathogen. <i>Molecular Crystals and Liquid Crystals</i> , 1-15	0.5	
2	Anti-neoplastic pharmacophore benzophenone-1 coumarin (BP-1C) targets JAK2 to induce apoptosis in lung cancer. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2021 , 1	5.4	
1	Crystal structure, Hirshfeld surface analysis and density functional theory study of benzyl 2-oxo-1-(prop-2-yn-1-yl)-1,2-di-hydro-quinoline-4-carboxyl-ate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021 , 77, 824-828	0.7	