Essam M Hussein

List of Publications by Year
in descending order

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46	458	858243 12	993246 17
papers	citations	h-index	g-index

54	54	54	384
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Multicomponent synthesis, cytotoxicity, and computational studies of novel imidazopyridazine-based N-phenylbenzamides. Journal of Saudi Chemical Society, 2022, 26, 101449.	2.4	4
2	Regio- and stereoselectivity of the 1,3-dipolar cycloaddition of azomethine ylides to (E)-3-(2-oxo-2-(pyren-1-yl)ethylidene)indolin-2-ones: A combined experimental and theoretical study. Arabian Journal of Chemistry, 2022, 15, 103855.	2.3	1
3	Spectroscopic, computational and mechanistic studies on regio- and stereoselectivity of the 1,3-dipolar cycloaddition reaction in the synthesis of dispiro[indoline-3,2â€²-pyrrolidine-3â€²,3"-indolines] festooned with pyrene moiety. Journal of Molecular Structure, 2022, , 133283.	1.8	2
4	Distinctive tunable photophysical properties of versatile environmentally-sensitive tribranched cyanopyridine fluorophores. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 248, 119169.	2.0	6
5	Synthesis and photophysical properties of benzimidazoles grafted pyrazole-containing pyrene or fluorene moiety: A combined spectroscopic and computational study. Journal of Photochemistry and Photobiology A: Chemistry, 2021, 419, 113465.	2.0	4
6	Bioactive fluorenes. Part IV: Design, synthesis, and a combined in vitro, in silico anticancer and antibacterial evaluation of new fluorene-heterocyclic sulfonamide conjugates. Journal of Molecular Structure, 2021, 1246, 131232.	1.8	11
7	New Imidazole-Based N-Phenylbenzamide Derivatives as Potential Anticancer Agents: Key Computational Insights. Frontiers in Chemistry, 2021, 9, 808556.	1.8	11
8	Development a spectrofluorometric micellar supported encapsulated method for micro determination of silver ion using new 2,6-disubstituted pyridine derivatives. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 242, 118711.	2.0	7
9	Unprecedented Regio- and Stereoselective Synthesis of Pyrene-Grafted Dispiro[indoline-3,2â€²-pyrrolidine-3â€²,3â€³-indolines]: Expedient Experimental and Theoretical Insights into Polar [3 + 2] Cycloaddition. ACS Omega, 2020, 5, 24081-24094.	1.6	11
10	Tailoring of novel biologically active molecules based on N-substituted sulfonamides bearing thiazole moiety exhibiting unique multi-addressable biological potentials. Arabian Journal of Chemistry, 2020, 13, 5345-5362.	2.3	8
11	Bioactive fluorenes. Part III: 2,7-dichloro-9H-fluorene-based thiazolidinone and azetidinone analogues as anticancer and antimicrobial against multidrug resistant strains agents. BMC Chemistry, 2020, 14, 42.	1.6	14
12	Nucleophilicity and solvent effects on the kinetics of 4-(pyren-1-yl)thiazol-2-amine interaction with 4,6-dinitrobenzofuroxan. Arabian Journal of Chemistry, 2020, 13, 3702-3713.	2.3	4
13	Structure-reactivity relationships on Michael additions of secondary cyclic amines with 3-cyanomethylidene-2-oxindoline derivatives. Arabian Journal of Chemistry, 2020, 13, 5487-5500.	2.3	2
14	Bioactive Fluorenes. Part II. Unprecedented biologically active thiazole derivatives based-2,7-dichlorofluorene as competent DHFR inhibitors: Design, synthesis, and molecular docking approaches. Arabian Journal of Chemistry, 2020, 13, 5451-5462.	2.3	7
15	Competent inhibitor for the corrosion of zinc in hydrochloric acid based on 2,6-bis-[1-(2-phenylhydrazono)ethyl]pyridine. Chemical Engineering Communications, 2019, 206, 137-148.	1.5	28
16	Design, synthesis, and biological evaluation of novel N4-substituted sulfonamides: acetamides derivatives as dihydrofolate reductase (DHFR) inhibitors. BMC Chemistry, 2019, 13, 91.	1.6	29
17	Bioactive fluorenes. part I. Synthesis, pharmacological study and molecular docking of novel dihydrofolate reductase inhibitors based-2,7-dichlorofluorene. Heliyon, 2019, 5, e01982.	1.4	17
18	Exploiting a multicomponent domino reaction strategy for the tailoring of versatile environmentally sensitive fluorophore-based nicotinonitriles incorporating pyrene and fluorene moieties. RSC Advances, 2019, 9, 40118-40130.	1.7	5

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19	MCM-SO3H catalyzed synthesis of environment-sensitive fluorophores incorporating pyrene moiety: Optimization, fluorescence emission and theoretical studies. Journal of Photochemistry and Photobiology A: Chemistry, 2019, 371, 306-314.	2.0	6
20	Design, synthesis, anticorrosion efficiency, and applications of novel Gemini surfactants for preparation of small-sized hollow spheres mesoporous silica nanoparticles. Materials Chemistry and Physics, 2018, 211, 123-136.	2.0	17
21	Synthesis, Characterization, and Applications of Some New Trimericâ€Type Cationic Surfactants. Journal of Surfactants and Detergents, 2018, 21, 343-353.	1.0	3
22	Exclusive regioselective 1,3-dipolar cycloaddition of 9-diazo-9H-fluorene and diphenyldiazomethane to 2-arylideneindane-1,3-diones: new approach toward effective synthesis of novel spiropyrazole derivatives. Monatshefte FÃ¼r Chemie, 2018, 149, 2021-2030.	0.9	8
23	Facile access to regio- and stereoselective synthesis of highly functionalized spiro[indoline-3,2â€²-pyrrolidines] incorporating a pyrene moiety: experimental, photophysical and theoretical approach. RSC Advances, 2018, 8, 24116-24127.	1.7	14
24	A convenient regioselective synthesis of spirooxindolinopyrrolizidines incorporating the pyrene moiety through a [3 + 2]-cycloaddition reaction. Heterocyclic Communications, 2017, 23, 379-384.	0.6	13
25	An efficient and green synthesis of polyfunctionalized spirothiazolidin-4-ones using sulfonated mesoporous silica as a reusable catalyst. Chemistry of Heterocyclic Compounds, 2017, 53, 1148-1155.	0.6	9
26	1,3-Dipolar cycloaddition approach to novel dispiro[pyrazolidine-4,3â€²-pyrrolizidine-2â€²,3â€³-indoline]-2â€³,3,5-triones. Journal of Chemical Research, 2017, 41, 346-351.	0.6	11
27	Ammonium chloride catalyzed synthesis of novel Schiff bases from spiro[indoline-3,4â€²-pyran]-3â€²-carbonitriles and evaluation of their antimicrobial and anti-breast cancer activities. SpringerPlus, 2016, 5, 887.	1.2	20
28	Synthesis and characterization of novel anti-inflammatory poly(spiro thiazolidinone)s. Designed Monomers and Polymers, 2016, 19, 650-660.	0.7	6
29	Efficient synthesis and antimicrobial evaluation of some Mannich bases from 2-arylidine-1-thia-4-azaspiro[4.5]decan-3-ones. Chemistry Central Journal, 2015, 9, 25.	2.6	13
30	Ammonium chloride-catalyzed four-component sonochemical synthesis of novel hexahydroquinolines bearing a sulfonamide moiety. Russian Journal of Organic Chemistry, 2015, 51, 54-64.	0.3	11
31	Synthesis of some novel 6â€²-(4-chlorophenyl)-3,4â€²-bipyridine-3â€²-carbonitriles: assessment of their antimicrobial and cytotoxic activity. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2015, 70, 783-795.	0.3	14
32	Sonochemistry: Synthesis of Bioactive Heterocycles. Synthetic Communications, 2014, 44, 2155-2191.	1.1	9
33	Sonochemistry: Synthesis of bioactive heterocycles. Review Journal of Chemistry, 2014, 4, 221-251.	1.0	7
34	A green synthetic approach to the synthesis of Schiff bases from 4-amino-2-thioxo-1,3-diazaspiro[5.5]undec-4-ene-5-carbonitrile as potential anti-inflammatory agents. Russian Journal of Bioorganic Chemistry, 2014, 40, 343-349.	0.3	12
35	A green synthetic approach to the synthesis of Schiff bases from 4-amino-2-thioxo-1,3-diazaspiro[5.5]undec-4-ene-5-carbonitrile as potential anti-inflammatory agents. BioorganiÄeskaÃ¢ HimiÃ¢, 2014, 40, 370-6.	0.2	4
36	Ultrasound-promoted efficient domino reaction for the one-pot synthesis of spiro-5-cyanopyrimidines: a rapid procedure. Monatshefte FÃ¼r Chemie, 2013, 144, 1691-1697.	0.9	13

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37	Enviro-economic, Ultrasound-assisted One-pot, Three-component Synthesis of Pyrido[2,3-d]pyrimidines in Aqueous Medium. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2012, 67, 231-237.	0.3	5
38	Simple and Clean Procedure for Threeâ€Component Syntheses of Spiro{pyrido[2,1â€b]benzothiazoleâ€3,3â€²â€indolines} and Spiro{thiazolo[3,2â€a]pyridineâ€7,3â€²â€indolines} in Aqueous Medium. Journal of Heterocyclic Chemistry, 2012, 49, 1296-1301.	1.4	12
39	Enviro-economic, Ultrasound-assisted One-pot, Three-component Synthesis of Pyrido[2,3-d]pyrimidines in Aqueous Medium. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2012, 67, 0231.	0.3	13
40	Regioselective synthesis and anti-inflammatory activity of novel dispiro[pyrazolidine-4,3'-pyrrolidine-2',3"-indoline]-2",3,5-triones. Arkivoc, 2011, 2011, 85-98.	0.3	36
41	Efficient Synthesis of Some New Spirochromens Containing Indoline Moiety. Heterocyclic Communications, 2010, 16, .	0.6	2
42	Novel syntheses of some new 3,4-dihydrospiro{benzimidazo[1,2-a]pyridine-3,3â€²-indolin}-2â€²-one derivatives. Monatshefte FÃ¼r Chemie, 2009, 140, 265-272.	0.9	7
43	Synthesis and Reactions of Some New Spiropyranthiazoline Derivatives. Phosphorus, Sulfur and Silicon and the Related Elements, 2008, 183, 2095-2107.	0.8	6
44	SYNTHESIS OF SOME NEW SPIROPYRANS CONTAINING INDOLINE MOIETY. Heterocyclic Communications, 2008, 14, .	0.6	0
45	Synthesis and Reactions of Some New Spiro {Indeno[1,2-b]pyran-4,3â€™-indolines}. Heterocycles, 2008, 75, 955.	0.4	11
46	A Facile Synthesis of Some New 7,8-Dihydrospiro{imidazo[1,2-a]pyridine-7,3â€™-indolin}-2â€™-one Derivatives. Heterocycles, 2008, 75, 2791.	0.4	5