Marwa Salem

List of Publications by Year in descending order

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33 papers	510 citations	567281 15 h-index	677142 22 g-index
34 all docs	34 docs citations	34 times ranked	451 citing authors

#	Article	IF	Citations
1	2(1H)-Pyridone and Quinolone as Synthon for Efficient and Simple Synthesis of Polysubstituted Pyridines and Quinolines. Polycyclic Aromatic Compounds, 2023, 43, 328-342.	2.6	0
2	Numerical analysis and design of high performance HTL-free antimony sulfide solar cells by SCAPS-1D. Optical Materials, 2022, 123, 111880.	3.6	23
3	Numerical analysis of hole transport layer-free antimony selenide solar cells: Possible routes for efficiency promotion. Optical Materials, 2022, 129, 112473.	3.6	9
4	Validation and Evaluation of a Behavioral Circuit Model of an Enhanced Electrostatic MEMS Converter. Micromachines, 2022, 13, 868.	2.9	2
5	Design, Synthesis and Antiproliferative Activity of Novel Heterocycles from 6-Iodo-2-phenyl-4H-benzo[d][1,3]thiazine-4-thione. Journal of Sulfur Chemistry, 2021, 42, 251-263.	2.0	6
6	Kretschmann-Based Optical Sensor via Thermally Tunable Refractive Index. Crystals, 2021, 11, 616.	2.2	3
7	Design, synthesis and insecticidal activity of new 1,3,4-thiadiazole and 1,3,4-thiadiazolo[3,2-a]pyrimidine derivatives under solvent-free conditions. Synthetic Communications, 2021, 51, 2644-2660.	2.1	18
8	Identification of power PIN diode design parameters: Circuit and device-based simulation approach. Ain Shams Engineering Journal, 2021, 12, 3141-3155.	6.1	4
9	The therapeutic effects of Ficus carica extract as antioxidant and anticancer agent. South African Journal of Botany, 2021, 141, 273-277.	2.5	15
10	Analysis of Hybrid Hetero-Homo Junction Lead-Free Perovskite Solar Cells by SCAPS Simulator. Energies, 2021, 14, 5741.	3.1	33
11	Influence of base doping level on the npn microstructure solar cell performance: A TCAD study. Optical Materials, 2021, 121, 111501.	3.6	11
12	Parasitic Suppression in 2D Smart Power ICs Using Deep Trench Isolation: A Simulation Study. The National Academy of Sciences, India, 2020, 43, 167-170.	1.3	0
13	Synthesis and cytotoxic activity against human tumor cells of heterocyclic systems derived from 2â€thioxoâ€1,2â€dihydroâ€4Hâ€3,1â€benzothazinâ€4â€one. Journal of Heterocyclic Chemistry, 2020, 57, 60-68.	2.6	7
14	Synthesis and antiproliferative evaluation of some novel quinazolinâ€4(3 H)â€one derivatives. Journal of Heterocyclic Chemistry, 2020, 57, 3898-3906.	2.6	4
15	Straightforward synthesis of 2-chloro-N-(5-(cyanomethyl)-1,3,4-thiadiazol-2-yl)benzamide as a precursor for synthesis of novel heterocyclic compounds with insecticidal activity. Synthetic Communications, 2020, 50, 3424-3442.	2.1	20
16	Physically Based Analytical Model of Heavily Doped Silicon Wafers Based Proposed Solar Cell Microstructure. IEEE Access, 2020, 8, 138898-138906.	4.2	31
17	Biochemical characterization and application of a novel lectin from the cyanobacterium Lyngabya confervoides MK012409 as an antiviral and anticancer agent. International Journal of Biological Macromolecules, 2020, 161, 417-430.	7.5	19
18	Development of Chromoneâ€“Pyrazole-Based Anticancer Agents. Russian Journal of Bioorganic Chemistry, 2020, 46, 77-84.	1.0	21

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19	Synthesis and In Vitro Antitumor Activity of Novel Chromenones Bearing Benzothiazole Moiety. Russian Journal of Bioorganic Chemistry, 2019, 45, 42-53.	1.0	17
20	Substitution at Phenyl Rings of Chalcone and Schiff Base Moieties Accounts for their Antiproliferative Activity. Anti-Cancer Agents in Medicinal Chemistry, 2019, 19, 620-626.	1.7	18
21	Synthesis, antileishmanial and cytotoxicity activities of fused and nonfused tetrahydroquinoline derivatives. Research on Chemical Intermediates, 2018, 44, 3349-3364.	2.7	12
22	Synthesis and anticancer activity of novel quinazolinone and benzamide derivatives. Research on Chemical Intermediates, 2018, 44, 2545-2559.	2.7	32
23	Design, Synthesis, and In Vitro Antileishmanial and Antitumor Activities of New Tetrahydroquinolines. Journal of Heterocyclic Chemistry, 2018, 55, 391-401.	2.6	16
24	Oneâ€pot Synthesis of 1,2,3,4â€Tetrahydropyrimidinâ€2(1H)â€thione Derivatives and their Biological Activity. Journal of Heterocyclic Chemistry, 2016, 53, 545-557.	2.6	17
25	Novel Pyrazolo[3,4-<i>b</i>]pyridine Derivatives: Synthesis, Characterization, Antimicrobial and Antiproliferative Profile. Biological and Pharmaceutical Bulletin, 2016, 39, 473-483.	1.4	61
26	Synthesis and Antioxidant Properties of Novel Pyrimidine-Containing Heterocycles. Journal of Chemical Research, 2016, 40, 299-304.	1.3	13
27	Synthesis and antimicrobial evaluation of novel 1,3-thiazoles and unsymmetrical azines. Research on Chemical Intermediates, 2016, 42, 3333-3349.	2.7	11
28	Antioxidant Activity of Novel Fused Heterocyclic Compounds Derived from Tetrahydropyrimidine Derivative. Chemical and Pharmaceutical Bulletin, 2015, 63, 866-872.	1.3	18
29	Facile synthesis of new fused and non-fused heterocyclic systems from a Î³-ketoacid. European Journal of Chemistry, 2014, 5, 33-40.	0.6	1
30	Synthesis, Antibacterial, and Antiviral Evaluation of New Heterocycles Containing the Pyridine Moiety. Archiv Der Pharmazie, 2013, 346, 766-773.	4.1	52
31	Synthesis, structure characterization and biological evaluation of new 6,8-dichloro-2-methyl-4H-chromen-4-one derivatives. European Journal of Chemistry, 2012, 3, 220-227.	0.6	9
32	Young Egyptians' perceptions, attitudes and knowledge of injuries. Injury Prevention, 2010, 16, 348-351.	2.4	6
33	Synthetic utility of enaminoester moiety in heterocyclic synthesis. European Journal of Chemistry, 2010, 1, 352-359.	0.6	1