

M Ali

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Synthesis and anti-Cancer Activity of a New Hybrid Based Spirooxindole-Pyrrolidine -Thiochromene Scaffolds via [3+2] Cycloaddition Reaction: Computational Investigation. Polycyclic Aromatic Compounds, 2023, 43, 2302-2320.	2.6	3
2	Bimetallic Iron-Palladium Catalyst System as a Lewis-Acid for the Synthesis of Novel Pharmacophores Based Indole Scaffold as Anticancer Agents. Molecules, 2021, 26, 2212.	3.8	5
3	Regio- and Stereoselective Synthesis of a New Series of Spirooxindole Pyrrolidine Grafted Thiochromene Scaffolds as Potential Anticancer Agents. Symmetry, 2021, 13, 1426.	2.2	23
4	Stereoselective Synthesis of the Di-Spirooxindole Analogs Based Oxindole and Cyclohexanone Moieties as Potential Anticancer Agents. Molecules, 2021, 26, 6305.	3.8	13
5	X-ray Crystal Structure and Hirshfeld Analysis of Gem-Aminals-Based Morpholine, Pyrrolidine, and Piperidine Moieties. Symmetry, 2021, 13, 20.	2.2	3
6	Straightforward Regio- and Diastereoselective Synthesis, Molecular Structure, Intermolecular Interactions and Mechanistic Study of Spirooxindole-Engrafted Rhodanine Analogs. Molecules, 2021, 26, 7276.	3.8	12
7	Synthesis of spiroindolone analogue via three components reaction of olefin with isatin and sarcosine: Anti-proliferative activity and computational studies. Journal of Molecular Structure, 2020, 1204, 127500.	3.6	11
8	Synthesis of a New Class of Spirooxindole-Benzo[b]Thiophene-Based Molecules as Acetylcholinesterase Inhibitors. Molecules, 2020, 25, 4671.	3.8	16
9	Design, Construction, and Characterization of a New Regioisomer and Diastereomer Material Based on the Spirooxindole Scaffold Incorporating a Sulphone Function. Symmetry, 2020, 12, 1337.	2.2	12
10	Enamine Barbiturates and Thiobarbiturates as a New Class of Bacterial Urease Inhibitors. Applied Sciences (Switzerland), 2020, 10, 3523.	2.5	5
11	Synthesis and characterisation of thiobarbituric acid enamine derivatives, and evaluation of their α -glucosidase inhibitory and anti-glycation activity. Journal of Enzyme Inhibition and Medicinal Chemistry, 2020, 35, 692-701.	5.2	17
12	Synthesis, X-ray Single Crystal, Conformational Analysis and Cholinesterase Inhibitory Activity of a New Spiropyrrrolidine Scaffold Tethered Benzo[b]Thiophene Analogue. Crystals, 2020, 10, 120.	2.2	11
13	Three Multi-Components Reaction: Synthesis and X-Ray Single-Crystal of Hydroacridinone-Based Hydrazino-S-Triazine Derivative as a New Class of Urease Inhibitor. Crystals, 2020, 10, 14.	2.2	7
14	One-Pot Synthesis, X-ray Single Crystal and Molecular Insight of Enaminone-Based β -Morpholino-/N-Methylpiperazinyl-/Pyrrolidinylpropiophenone. Crystals, 2020, 10, 282.	2.2	1
15	Anticancer Indole-Based Chalcones: A Structural and Theoretical Analysis. Molecules, 2019, 24, 3728.	3.8	12
16	Synthesis and Inhibitory Effect of Some Indole-Pyrimidine Based Hybrid Heterocycles on α -Glucosidase and α -Amylase as Potential Hypoglycemic Agents. ChemistryOpen, 2019, 8, 1288-1297.	1.9	13
17	Synthesis of Pyridine-Dicarboxamide-Cyclohexanone Derivatives: Anticancer and α -Glucosidase Inhibitory Activities and In Silico Study. Molecules, 2019, 24, 1332.	3.8	12
18	Synthesis and characterization of a spiroindolone pyrothiazole analog via X-ray, biological, and computational studies. Journal of Molecular Structure, 2019, 1186, 384-392.	3.6	12

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19	New hybrid of the barbituric acid motif: synthesis, X-ray single crystal, DFT, and Hirshfeld surface analyses. <i>Research on Chemical Intermediates</i> , 2018, 44, 4213-4225.	2.7	3
20	New spiro-oxindole constructed with pyrrolidine/thioxothiazolidin-4-one derivatives: Regioselective synthesis, X-ray crystal structures, Hirshfeld surface analysis, DFT, docking and antimicrobial studies. <i>Journal of Molecular Structure</i> , 2018, 1152, 101-114.	3.6	37
21	Analytical Studies of 6-Hydroxy-5-[(2-hydroxy- Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 667 Td (6-oxocyclohex-1-en-1-yl)(2-nitro of General Chemistry, 2018, 88, 2381-2387.	0.8	0
22	Crystal structure of 6-hydroxy-5-((2-hydroxy-6-oxocyclohex-1-en-1-yl)(4-methoxyphenyl)methyl)-1,3-dimethylpyrimidine-2,4(1H,3H)-dione; C ₂₀ H ₂₂ N ₂ O ₆ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2018, 233, 747-749.	0.3	0
23	Crystal structure of 5,5-â€²-((3-hydroxy-4-methoxyphenyl)methylene)bis(1,3-diethyl-6-hydroxy-2-thioxo-2,3-dihydropyrimidin-4(1H,3H)-one), C ₂₄ H ₃₀ N ₄ O ₆ S ₂ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2018, 233, 919-921.	0.3	0
24	Catalytic asymmetric synthesis of indole derivatives as novel Î±-glucosidase inhibitors in vitro. <i>Bioorganic Chemistry</i> , 2018, 79, 350-354.	4.1	44
25	Synthesis, antimicrobial activity, pharmacophore modeling and molecular docking studies of new pyrazole-dimedone hybrid architectures. <i>Chemistry Central Journal</i> , 2018, 12, 29.	2.6	28
26	Crystal structure of 2-(4-oxo-2-thioxothiazolidin-3-yl)acetic acid monohydrate, C ₅ H ₇ NO ₄ S ₂ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2017, 232, 141-142.	0.3	2
27	Synthesis of thiobarbituric acid derivatives: In vitro Î±-glucosidase inhibition and molecular docking studies. <i>Bioorganic Chemistry</i> , 2017, 75, 99-105.	4.1	25
28	Molecular Structure, Spectroscopic and DFT Computational Studies of Arylidene-1,3-dimethylpyrimidine-2,4,6(1H,3H,5H)-trione. <i>Crystals</i> , 2016, 6, 110.	2.2	2
29	5-[(3-Fluorophenyl)(2-hydroxy-6-oxocyclohex-1-en-1-yl)methyl]-6-hydroxy-1,3-dimethylpyrimidine-2,4(1H,3H)-dione. <i>MolBank</i> , 2016, 2016, M910.	0.5	3
30	Crystal structure of 5-((4-bromophenyl)(2-hydroxy-6-oxocyclohex-1-en-1-yl)methyl)-6-hydroxy-1,3-dimethylpyrimidine-2,4(1H,3H,5H)-dione, C ₁₉ H ₁₉ BrN ₂ O ₅ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2016, 231, 843-845.	0.3	0
31	Crystal structure of 5-(3-fluorobenzylidene)-1,3-dimethylpyrimidine-2,4,6(1H,3H,5H)-trione; C ₁₃ H ₁₁ FN ₂ O ₃ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2016, 231, 1059-1061.	0.3	1
32	Crystal structure of 6-hydroxy-5-((2-hydroxy-6-oxocyclohex-1-en-1-yl)(phenyl)methyl)-1,3-dimethylpyrimidine-2,4(1H,3H,5H)-dione, C ₁₉ H ₂₀ N ₂ O ₅ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2016, 231, 849-851.	0.3	0
33	Synthesis, Spectroscopic Investigations (X-ray, NMR and TD-DFT), Antimicrobial Activity and Molecular Docking of 2,6-Bis(hydroxy(phenyl)methyl)cyclohexanone. <i>Molecules</i> , 2015, 20, 13240-13263.	3.8	4
34	Molecular structure investigation and tautomerism aspects of (E)-3-benzylideneindolin-2-one. <i>Journal of Chemical Sciences</i> , 2015, 127, 1547-1556.	1.5	4
35	Structural and spectral investigations of the recently synthesized chalcone (E)-3-mesityl-1-(naphthalen-2-yl) prop-2-en-1-one, a potential chemotherapeutic agent. <i>Chemistry Central Journal</i> , 2015, 9, 35.	2.6	13
36	Self-assembly of unexpected [Mn(2-â€²-hydrazoneethyl)pyridine]Cl ₂ · nH ₂ O · 1D coordination polymer: Synthesis, structural elucidation, and biological studies. <i>Applied Organometallic Chemistry</i> , 0, , .	3.5	0