Amr Mohamed Abdelmoniem

List of Publications by Year
in descending order

34 papers	577 citations	567144 15 h-index	642610 23 g-index
34 all docs	34 docs citations	34 times ranked	300 citing authors

#	Article	IF	Citations
1	Chitosan as a green catalyst for synthesis of pyridazines and fused pyridazines via [3+3] atom combination with arylhydrazones as 3 atom components. Arkivoc, 2009, 2009, 302-311.	0.3	52
2	Synthesis of heterocyclic compounds via Michael and Hantzsch reactions. Journal of Heterocyclic Chemistry, 2020, 57, 1476-1523.	1.4	47
3	DBU-Catalyzed, facile and efficient method for synthesis of spirocyclic 2-oxindole derivatives with incorporated 6-amino-4H-pyridazines and fused derivatives via [3+3] atom combination. Tetrahedron, 2009, 65, 10069-10073.	1.0	40
4	DNA Fragmentation, Cell Cycle Arrest, and Docking Study of Novel Bis Spiro-cyclic 2-oxindole of Pyrimido[4,5-b]quinoline-4,6-dione Derivatives Against Breast Carcinoma. Current Cancer Drug Targets, 2018, 18, 372-381.	0.8	39
5	An Efficient Oneâ€pot Synthesis of Novel Spiro Cyclic 2â€Oxindole Derivatives of Pyrimido[4,5â€b]Quinoline, Pyrido[2,3â€d:6,5â€dâ²]Dipyrimidine and Indeno[2â€²,1â€²:5,6]Pyrido [2,3â€d]Pyrimidine in Water. Journal of Heterocyclic Chemistry, 2016, 53, 2084-2090.	1.4	36
6	Facile Oneâ€pot, Threeâ€component Synthesis of Novel Bisâ€heterocycles Incorporating 5Hâ€chromeno[2,3â€b]pyridineâ€3â€carbonitrile Derivatives. Journal of Heterocyclic Chemistry, 2017, 54, 2844-2849.	1.4	36
7	Facile Synthesis, Structural Activity Relationship, Molecular Modeling and In Vitro Biological Evaluation of New Urea Derivatives with Incorporated Isoxazole and Thiazole Moieties as Anticancer Agents. ChemistrySelect, 2019, 4, 10113-10121.	0.7	36
8	Discrepancies in the reactivity pattern of azaenamines towards cinnamonitriles: synthesis of novel aza-steroid analogues. Tetrahedron, 2015, 71, 1413-1418.	1.0	33
9	New Bis(dihydropyridineâ€3,5â€dicarbonitrile) Derivatives: Green Synthesis and Cytotoxic Activity Evaluation. Journal of Heterocyclic Chemistry, 2017, 54, 2670-2677.	1.4	32
10	An Efficient Synthesis of 1-(4H-1,2,4-Triazol-3-yl)-Hexahydroquinoline-3-carbonitrile and their Spiro Derivatives from Î²-Enaminones. Heterocycles, 2016, 92, 637.	0.4	21
11	Synthesis and Antimicrobial Evaluations of Novel Spiro Cyclic 2-Oxindole Derivatives of N-(1H-Pyrazol-5-Yl)-Hexahydroquinoline Derivatives. Heterocycles, 2016, 92, 1075.	0.4	20
12	An overview on synthetic strategies for the construction of star-shaped molecules. RSC Advances, 2019, 9, 16606-16682.	1.7	19
13	Hantzsch-Like One-Pot Three-Component Synthesis of Heptaazadicyclopenta[a,j]anthracenes: A New Ring System. Synlett, 2020, 31, 895-898.	1.0	19
14	Apoptotic induction mediated p53 mechanism and Caspase-3 activity by novel promising cyanoacrylamide derivatives in breast carcinoma. Bioorganic Chemistry, 2017, 73, 43-52.	2.0	18
15	Bis(indoline-2,3-diones): versatile precursors for novel bis(2',6'-dimethyl-2-oxo-1'H-spiro[indoline-3,4'-pyridine]-3',5'-dicarbonitrile) derivatives. Arkivoc, 2016, 2016, 304-312.	0.3	17
16	Bis(indoline-2,3-diones): versatile precursors for novel bis(spirooxindoles) incorporating 4H-chromene-3-carbonitrile and pyrano[2,3-d]pyrimidine-6-carbonitrile derivatives. Turkish Journal of Chemistry, 2017, 41, 410-419.	0.5	14
17	Synthetic Routes to Spirocyclic Pyridazines, Partially-Saturated Pyridazines and Their Condensed Derivatives. Current Organic Chemistry, 2016, 20, 1512-1546.	0.9	13
18	Synthesis, Cytotoxicity and Molecular Docking Simulation of Novel bis-1,4-Dihydropyridines Linked to Aliphatic or Arene Core via Amide or Ester-Amide Linkages. Mini-Reviews in Medicinal Chemistry, 2020, 20, 801-816.	1.1	13

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19	Hantzsch one-pot multicomponent synthesis of a novel series of bis(9,10-diarylhexahydroacridine-1,8-diones). Synthetic Communications, 2021, 51, 2695-2712.	1.1	10
20	New Synthesis of Nâ€(1Hâ€pyrazolâ€5â€yl)â€hexahydroquinolineâ€3â€carbonitrile and octahydropyrazolo[4â€²,3â€²:5,6]pyrimido[1,2â€a]quinolineâ€6â€carbonitrile Derivatives from the Cyclic Î²â€Enaminones. Journal of Heterocyclic Chemistry, 2017, 54, 1193-1198.	1.4	8
21	3â€Aminoâ€5â€cyanomethylpyrazoleâ€4â€carbonitrile: Versatile Reagent for Novel Bis(pyrazolo[1,5â€a]pyridine) Derivatives via a Multicomponent Reaction. Journal of Heterocyclic Chemistry, 2018, 55, 2792-2798.	1.4	8
22	Facile Synthesis of 3â€Aminoâ€2,5â€dihydropyridazines and 4â€Deazatoxoflavin Analogues via [3â€‰+â€‰3] Atom Combination: Approaches to Pyridazine Incorporating Pyrazole Moiety. Journal of Heterocyclic Chemistry, 2017, 54, 473-479.	1.4	6
23	Hantzsch reaction with bis-indole-2,3-diones: Synthesis of novel bis-spirocyclic oxindole incorporating acridine, dipyrazolo[3,4-b:4',3'-e]pyridine and pyrido[2,3-d:6,5-d']dipyrimidine. Synthetic Communications, 2021, 51, 1814-1824.	1.1	6
24	Recent Synthetic Approaches and Biological Evaluations of Amino Hexahydroquinolines and Their Spirocyclic Structures. Anti-Cancer Agents in Medicinal Chemistry, 2019, 19, 875-915.	0.9	6
25	Synthesis of Novel Bis(pyrido[2,1â€•a]isoquinolines) Linked to Aliphatic or Aromatic Core via Ether Linkage. Journal of Heterocyclic Chemistry, 2019, 56, 1914-1921.	1.4	5
26	Influence of pentoxifylline on gene expression of PAG1/ miR-1206/ SNHG14 in ischemic heart disease. Biochemistry and Biophysics Reports, 2021, 25, 100911.	0.7	5
27	Cyclic Enaminone Incorporating 5â€cyanomethylpyrazoleâ€4â€carbonitrile: Unexpected Formation of Pyrazolo[l,5â€a]pyridine Derivatives. Journal of Heterocyclic Chemistry, 2018, 55, 1798-1803.	1.4	4
28	A facile synthesis of 3-amino-2,5-dihydropyridazines and 4-deazatoxoflavin analogues via [3+3] atom combination. European Journal of Chemistry, 2016, 7, 73-80.	0.3	4
29	Hydrazononitriles as Precursors for 4â€aminotriazoles and 3â€aminoisoxazoles: One Pot Synthesis of triazolo[1,5â€a]quinazoline Derivatives. Journal of Heterocyclic Chemistry, 2016, 53, 1251-1258.	1.4	3
30	2â€Cyanoâ€•N â€(thiophenâ€2â€yl)acetamide in Heterocyclic Synthesis: Synthesis and Antibacterial Screening of Novel Pyrido[1,2â€•a]thieno[3,2â€•e]pyrimidineâ€2â€carboxylate Moieties. Journal of Heterocyclic Chemistry, 2019, 56, 2637-2643.	1.4	3
31	Synthesis of novel hexahydroquinolines and 6â€aminoâ€2â€oxopyridineâ€3,5â€dicarbonitriles incorporating sulfamethoxazole via [3Â+Â3] annulation. Journal of Heterocyclic Chemistry, 2019, 56, 3387-3395.	1.4	2
32	Dianionic Oxyâ€Cope Rearrangement with Benzil Derivatives: mesoâ€Selective 3,3â€Coupling of Two Tetrahydrofuran Moieties. European Journal of Organic Chemistry, 2017, 2017, 6951-6956.	1.2	1
33	Synthesis, Chemistry and Utilities of Diaminoazoles with Special Reference to 3,5-diaminopyrazoles. Current Organic Synthesis, 2018, 15, 487-514.	0.7	1
34	Bidirectional Synthesis, Photophysical and Electrochemical Characterization of Polycyclic Quinones Using Benzocyclobutenes and Benzodicyclobutenes as Precursors. European Journal of Organic Chemistry, 0, , .	1.2	0