

# Mahmoud F Abo-Ashour

## List of Publications by Citations

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16  
papers

497  
citations

12  
h-index

16  
g-index

16  
ext. papers

598  
ext. citations

5.8  
avg. IF

3.76  
L-index

#	Paper	IF	Citations
16	Novel 4/3-((4-oxo-5-(2-oxoindolin-3-ylidene)thiazolidin-2-ylidene)amino) benzenesulfonamides: Synthesis, carbonic anhydrase inhibitory activity, anticancer activity and molecular modelling studies. <i>European Journal of Medicinal Chemistry</i> , <b>2017</b> , 139, 250-262	6.8	89
15	Enhancement of the tail hydrophobic interactions within the carbonic anhydrase IX active site via structural extension: Design and synthesis of novel N-substituted isatins-SLC-0111 hybrids as carbonic anhydrase inhibitors and antitumor agents. <i>European Journal of Medicinal Chemistry</i> , <b>2019</b> , 162, 147-160	6.8	63
14	Novel [(3-indolylmethylene)hydrazono]indolin-2-ones as apoptotic anti-proliferative agents: design, synthesis and in vitro biological evaluation. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2018</b> , 33, 686-700	5.6	47
13	Novel indole-thiazolidinone conjugates: Design, synthesis and whole-cell phenotypic evaluation as a novel class of antimicrobial agents. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 160, 49-60	6.8	45
12	SLC-0111 enaminone analogs, 3/4-(3-aryl-3-oxopropenyl) aminobenzenesulfonamides, as novel selective subnanomolar inhibitors of the tumor-associated carbonic anhydrase isoform IX. <i>Bioorganic Chemistry</i> , <b>2019</b> , 83, 549-558	5.1	40
11	Novel hydrazido benzenesulfonamides-isatin conjugates: Synthesis, carbonic anhydrase inhibitory activity and molecular modeling studies. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 157, 28-36	6.8	39
10	Novel synthesized SLC-0111 thiazole and thiadiazole analogues: Determination of their carbonic anhydrase inhibitory activity and molecular modeling studies. <i>Bioorganic Chemistry</i> , <b>2019</b> , 87, 794-802	5.1	28
9	3-Hydrazinoisatin-based benzenesulfonamides as novel carbonic anhydrase inhibitors endowed with anticancer activity: Synthesis, in vitro biological evaluation and in silico insights. <i>European Journal of Medicinal Chemistry</i> , <b>2019</b> , 184, 111768	6.8	27
8	Novel [(-alkyl-3-indolylmethylene)hydrazono]oxindoles arrest cell cycle and induce cell apoptosis by inhibiting CDK2 and Bcl-2: synthesis, biological evaluation and studies. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2020</b> , 35, 1300-1309	5.6	25
7	3-Methylthiazolo[3,2-a]benzimidazole-benzenesulfonamide conjugates as novel carbonic anhydrase inhibitors endowed with anticancer activity: Design, synthesis, biological and molecular modeling studies. <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 207, 112745	6.8	24
6	Development of isatin-thiazolo[3,2-a]benzimidazole hybrids as novel CDK2 inhibitors with potent in vitro apoptotic anti-proliferative activity: Synthesis, biological and molecular dynamics investigations. <i>Bioorganic Chemistry</i> , <b>2021</b> , 110, 104748	5.1	20
5	Identification of N-phenyl-2-(phenylsulfonyl)acetamides/propanamides as new SLC-0111 analogues: Synthesis and evaluation of the carbonic anhydrase inhibitory activities. <i>European Journal of Medicinal Chemistry</i> , <b>2021</b> , 218, 113360	6.8	13
4	Application of hydrazino and hydrazido linkers to connect benzenesulfonamides with hydrophilic/phobic tails for targeting the middle region of human carbonic anhydrases active site: Selective inhibitors of hCA IX. <i>European Journal of Medicinal Chemistry</i> , <b>2019</b> , 179, 547-556	6.8	12
3	Novel benzenesulfonamides aryl and arylsulfone conjugates adopting tail/dual tail approaches: Synthesis, carbonic anhydrase inhibitory activity and molecular modeling studies. <i>European Journal of Medicinal Chemistry</i> , <b>2021</b> , 221, 113486	6.8	11
2	Synthesis and biological evaluation of 2-aminothiazole-thiazolidinone conjugates as potential antitubercular agents. <i>Future Medicinal Chemistry</i> , <b>2018</b> , 10, 1405-1419	4.1	8
1	Development of 2-oindolin-3-ylidene-indole-3-carbohydrazide derivatives as novel apoptotic and anti-proliferative agents towards colorectal cancer cells. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2021</b> , 36, 319-328	5.6	6