

# Abad Ali

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

1,208  
citations

566801

15  
h-index

752256

20  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1791  
citing authors

#	ARTICLE	IF	CITATIONS
1	Review: biologically active pyrazole derivatives. <i>New Journal of Chemistry</i> , 2017, 41, 16-41.	1.4	549
2	Microwave-assisted MgO NP catalyzed one-pot multicomponent synthesis of polysubstituted steroidal pyridines. <i>New Journal of Chemistry</i> , 2018, 42, 184-197.	1.4	136
3	Molecular spectroscopic and thermodynamic studies on the interaction of anti-platelet drug ticlopidine with calf thymus DNA. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 186, 66-75.	2.0	76
4	Neurodegenerative diseases linked to misfolded proteins and their therapeutic approaches: A review. <i>European Journal of Medicinal Chemistry</i> , 2016, 124, 1121-1141.	2.6	58
5	Unravelling the interaction of pirenzepine, a gastrointestinal disorder drug, with calf thymus DNA: An in vitro and molecular modelling study. <i>Archives of Biochemistry and Biophysics</i> , 2017, 625-626, 1-12.	1.4	55
6	DFT/B3LYP calculations, in vitro cytotoxicity and antioxidant activities of steroidal pyrimidines and their interaction with HSA using molecular docking and multispectroscopic techniques. <i>Bioorganic Chemistry</i> , 2017, 73, 83-99.	2.0	50
7	Nickel-catalyzed C-H alkylation of indoles with unactivated alkyl chlorides: evidence of a Ni(II)/Ni(III) pathway. <i>Chemical Science</i> , 2019, 10, 9493-9500.	3.7	42
8	Facile one-pot multicomponent synthesis and molecular docking studies of steroidal oxazole/thiazole derivatives with effective antimicrobial, antibiofilm and hemolytic properties. <i>Steroids</i> , 2018, 134, 22-36.	0.8	35
9	Microwave-assisted one pot synthesis, characterization, biological evaluation and molecular docking studies of steroidal thiazoles. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 166, 104-115.	1.7	32
10	Graphene-mesoporous anatase TiO <sub>2</sub> nanocomposite: A highly efficient and recyclable heterogeneous catalyst for one-pot multicomponent synthesis of benzodiazepine derivatives. <i>Applied Organometallic Chemistry</i> , 2018, 32, e3961.	1.7	29
11	Silica-supported NiO nanocomposites prepared via a sol-gel technique and their excellent catalytic performance for one-pot multicomponent synthesis of benzodiazepine derivatives under microwave irradiation. <i>New Journal of Chemistry</i> , 2017, 41, 5893-5903.	1.4	26
12	Synthesis, crystal structure, Hirshfeld surfaces, and thermal, mechanical and dielectrical properties of cholest-5-ene. <i>Journal of Taibah University for Science</i> , 2017, 11, 141-150.	1.1	23
13	Synthesis and characterization of steroidal heterocyclic compounds, DNA condensation and molecular docking studies and their in vitro anticancer and acetylcholinesterase inhibition activities. <i>RSC Advances</i> , 2015, 5, 75964-75984.	1.7	22
14	Aloe emodin, an anthroquinone from Aloe vera acts as an anti aggregatory agent to the thermally aggregated hemoglobin. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 179, 188-193.	2.0	21
15	Green synthesis and biological evaluation of steroidal 2H-pyrans as anticancer and antioxidant agents. <i>Journal of King Saud University - Science</i> , 2015, 27, 1-6.	1.6	15
16	Synthesis, characterization, biological evaluation and molecular docking of steroidal spirothiazolidinones. <i>Journal of Molecular Structure</i> , 2015, 1085, 104-114.	1.8	14
17	Immobilization of GOx Enzyme on SiO <sub>2</sub> -Coated Ni-Co Ferrite Nanocomposites as Magnetic Support and Their Antimicrobial and Photocatalytic Activities. <i>ACS Omega</i> , 2021, 6, 33554-33567.	1.6	11
18	Steroidal thiazolidinone derivatives: Design, synthesis and their molecular interaction with human serum albumin. <i>Steroids</i> , 2019, 148, 99-113.	0.8	9

#	ARTICLE	IF	CITATIONS
19	Molecular crowding induced loss of native conformation and aggregation of $\hat{I}\pm$ -chymotrypsinogen A. Journal of Molecular Structure, 2022, 1265, 133385.	1.8	3
20	Discovery of a novel oxadiazine derivative of glucocorticoids endowed with DNA binding activities and molecular docking studies. Journal of Taibah University for Science, 2019, 13, 536-546.	1.1	2