

# Muhammad Naeem-ul-Hassan

## List of Publications by Year in descending order

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22  
papers

497  
citations

758635

12  
h-index

752256

20  
g-index

22  
all docs

22  
docs citations

22  
times ranked

876  
citing authors

#	ARTICLE	IF	CITATIONS
1	Green leaf volatiles: biosynthesis, biological functions and their applications in biotechnology. <i>Plant Biotechnology Journal</i> , 2015, 13, 727-739.	4.1	136
2	Synthesis of $\hat{1}\pm, \hat{1}^2$ -Unsaturated Carbonyl-Based Compounds, Oxime and Oxime Ether Analogs as Potential Anticancer Agents for Overcoming Cancer Multidrug Resistance by Modulation of Efflux Pumps in Tumor Cells. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 3549-3561.	2.9	74
3	Biological Activity and Molecular Docking Studies of Curcumin-Related $\hat{1}\pm, \hat{1}^2$ -Unsaturated Carbonyl-Based Synthetic Compounds as Anticancer Agents and Mushroom Tyrosinase Inhibitors. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 5538-5547.	2.4	45
4	Synthesis of $\hat{1}\pm, \hat{1}^2$ -unsaturated carbonyl based compounds as acetylcholinesterase and butyrylcholinesterase inhibitors: Characterization, molecular modeling, QSAR studies and effect against amyloid $\hat{1}^2$ -induced cytotoxicity. <i>European Journal of Medicinal Chemistry</i> , 2014, 83, 355-365.	2.6	44
5	Glucuronoxylan-mediated silver nanoparticles: green synthesis, antimicrobial and wound healing applications. <i>RSC Advances</i> , 2017, 7, 42900-42908.	1.7	34
6	Plant kelch containing F-box proteins: structure, evolution and functions. <i>RSC Advances</i> , 2015, 5, 42808-42814.	1.7	27
7	A stimuli-responsive, superporous and non-toxic smart hydrogel from seeds of mugwort ( <i>Artemisia</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 16 aceclofenac bioavailability. <i>RSC Advances</i> , 2020, 10, 19832-19843.	1.7	26
8	Evaluation of multifunctional synthetic tetralone derivatives for treatment of Alzheimer's disease. <i>Chemical Biology and Drug Design</i> , 2016, 88, 889-898.	1.5	22
9	A pH-sensitive, stimuli-responsive, superabsorbent, smart hydrogel from psyllium ( <i>Plantago</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 16	1.7	16
10	Basil ( <i>Ocimum basilicum</i> L.) seeds engender a smart material for intelligent drug delivery: On-Off switching and real-time swelling, in vivo transit detection, and mechanistic studies. <i>Industrial Crops and Products</i> , 2020, 155, 112780.	2.5	15
11	A smart drug delivery system based on <i>Artemisia vulgaris</i> hydrogel: Design, on-off switching, and real-time swelling, transit detection, and mechanistic studies. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 58, 101795.	1.4	13
12	An efficient acetylation of dextran using in situ activated acetic anhydride with iodine. <i>Journal of the Serbian Chemical Society</i> , 2010, 75, 165-173.	0.4	13
13	Acute toxicity study of a polysaccharide based hydrogel from linseed for potential use in drug delivery system. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2018, 54, .	1.2	12
14	An efficient esterification of pullulan using carboxylic acid anhydrides activated with iodine. <i>Collection of Czechoslovak Chemical Communications</i> , 2010, 75, 133-143.	1.0	7
15	<a href="http://www.deswater.com/DWT_abstracts/vol_104/104_2018_0.pdf">http://www.deswater.com/DWT_abstracts/vol_104/104_2018_0.pdf</a> , 0, 104, 149-158.		4
16	Nanoscale Diblock Copolymer Micelles: Characterizations and Estimation of the Effective Diffusion Coefficients of Biomolecules Release through Cylindrical Diffusion Model. <i>PLoS ONE</i> , 2014, 9, e105234.	1.1	2
17	Expression profile of gene encoding Kelch repeat containing F-box protein (PmF-box1) in relation to the production of green leaf volatiles. <i>Australian Journal of Crop Science</i> , 2017, 11, 406-418.	0.1	2
18	Molecular cloning, characterization and expression pattern analysis of a jasmonic acid responsive sesquiterpene synthase gene from <i>Persicaria minor</i> . <i>Plant OMICS</i> , 2016, 9, 360-368.	0.4	2

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19	<i>Arabidopsis thaliana</i> SKP1 interacting protein 11 (At2g02870) negatively regulates the release of green leaf volatiles. RSC Advances, 2017, 7, 55725-55733.	1.7	1
20	Gastroretentive floating matrix tablets of cephadrine based on psyllium husk. Bioinspired, Biomimetic and Nanobiomaterials, 2019, 8, 206-215.	0.7	1
21	Formulation and Evaluation of Hydroxypropylmethylcellulose-dicyclomine Microsponges for Colon Targeted Drug Delivery: In Vitro and In Vivo Evaluation. Current Drug Delivery, 2022, 19, 686-696.	0.8	1
22	Evaluation of genetic and metabolic role of SKIP11 in <i>Arabidopsis thaliana</i> . AIP Conference Proceedings, 2015, , .	0.3	0