

# Maan T Khayat

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

570  
citations

471509

17  
h-index

642732

23  
g-index

29  
all docs

29  
docs citations

29  
times ranked

586  
citing authors

#	ARTICLE	IF	CITATIONS
1	Congeneric but Still Distinct: How Closely Related Trypsin Ligands Exhibit Different Thermodynamic and Structural Properties. <i>Journal of Molecular Biology</i> , 2011, 405, 1170-1187.	4.2	49
2	Biologically active fungal depsidones: Chemistry, biosynthesis, structural characterization, and bioactivities. <i>FÄ-toterapÄ-t</i> , 2018, 129, 317-365.	2.2	47
3	Repurposing Anti-diabetic Drugs to Cripple Quorum Sensing in <i>Pseudomonas aeruginosa</i> . <i>Microorganisms</i> , 2020, 8, 1285.	3.6	47
4	Impact of Ligand and Protein Desolvation on Ligand Binding to the S1 Pocket of Thrombin. <i>Journal of Molecular Biology</i> , 2012, 418, 350-366.	4.2	43
5	Xylitol Inhibits Growth and Blocks Virulence in <i>Serratia marcescens</i> . <i>Microorganisms</i> , 2021, 9, 1083.	3.6	38
6	Not Only Antimicrobial: Metronidazole Mitigates the Virulence of <i>Proteus mirabilis</i> Isolated from Macerated Diabetic Foot Ulcer. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 6847.	2.5	32
7	Secnidazole Is a Promising Imidazole Mitigator of <i>Serratia marcescens</i> Virulence. <i>Microorganisms</i> , 2021, 9, 2333.	3.6	30
8	Repurposing of antidiabetics as <i>Serratia marcescens</i> virulence inhibitors. <i>Brazilian Journal of Microbiology</i> , 2021, 52, 627-638.	2.0	28
9	Mangostanaxanthone VIII, a new xanthone from <i>Garcinia mangostana</i> pericarps, $\hat{\pm}$ -amylase inhibitory activity, and molecular docking studies. <i>Revista Brasileira De Farmacognosia</i> , 2019, 29, 206-212.	1.4	26
10	Anti-inflammatory metabolites from endophytic fungus <i>Fusarium</i> sp. <i>Phytochemistry Letters</i> , 2019, 29, 104-109.	1.2	26
11	In vitro characterization of transport and metabolism of the alkaloids: vincamine, vinpocetine and eburnamonine. <i>Cancer Chemotherapy and Pharmacology</i> , 2016, 77, 259-267.	2.3	24
12	Anti-Quorum Sensing Activities of Gliptins against <i>Pseudomonas aeruginosa</i> and <i>Staphylococcus aureus</i> . <i>Biomedicines</i> , 2022, 10, 1169.	3.2	23
13	Mechanistic analysis of Zein nanoparticles/PLGA triblock in situ forming implants for glimepiride. <i>International Journal of Nanomedicine</i> , 2016, 11, 543.	6.7	22
14	Molecular Mimics of Classic P-Glycoprotein Inhibitors as Multidrug Resistance Suppressors and Their Synergistic Effect on Paclitaxel. <i>PLoS ONE</i> , 2017, 12, e0168938.	2.5	22
15	$\hat{\pm}$ -Amylase inhibition of xanthenes from <i>Garcinia mangostana</i> pericarps and their possible use for the treatment of diabetes with molecular docking studies. <i>Journal of Food Biochemistry</i> , 2019, 43, e12844.	2.9	20
16	Sodium Citrate Alleviates Virulence in <i>Pseudomonas aeruginosa</i> . <i>Microorganisms</i> , 2022, 10, 1046.	3.6	19
17	Garcixanthone D, a New Xanthone, and Other Xanthone Derivatives From <i>Garcinia mangostana</i> Pericarps: Their $\hat{\pm}$ -Amylase Inhibitory Potential and Molecular Docking Studies. <i>Starch/Staerke</i> , 2019, 71, 1800354.	2.1	17
18	The Role of Adenosine A2A Receptor, CYP450s, and PPARs in the Regulation of Vascular Tone. <i>BioMed Research International</i> , 2017, 2017, 1-13.	1.9	12

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19	Bioassay Guided Isolation and Docking Studies of a Potential $\beta$ -Lactamase Inhibitor from <i>Clusia myricoides</i> . <i>Molecules</i> , 2020, 25, 2566.	3.8	11
20	Tagetnoic acid, a new lipoxygenase inhibitor peroxy fatty acid from <i>Tagetes minuta</i> growing in Saudi Arabia. <i>Natural Product Research</i> , 2020, 34, 474-481.	1.8	9
21	Synthesis of Nucleosides and Non-nucleosides Based 4,6-disubstituted-2-oxo-dihydropyridine-3-carbonitriles as Antiviral Agents. <i>Medicinal Chemistry</i> , 2018, 14, 791-808.	1.5	6
22	1H-Imidazole-2,5-Dicarboxamides as NS4A Peptidomimetics: Identification of a New Approach to Inhibit HCV-NS3 Protease. <i>Biomolecules</i> , 2020, 10, 479.	4.0	5
23	Synthetic bulky NS4A peptide variants bind to and inhibit HCV NS3 protease. <i>Journal of Advanced Research</i> , 2020, 24, 251-259.	9.5	3
24	Insights on Cancer Cell Inhibition, Subcellular Activities, and Kinase Profile of Phenylacetamides Pending 1H-Imidazol-5-One Variants. <i>Frontiers in Pharmacology</i> , 2021, 12, 794325.	3.5	3
25	Anti-inflammatory terpenoids from <i>Cyperus rotundus</i> rhizomes. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2018, 31, 1449-1456.	0.2	3
26	A new approach for characterization of phosphatidylcholines and lyso-phosphatidylcholine in human plasma. <i>Bioanalysis</i> , 2020, 12, 191-204.	1.5	2
27	Reexamining Povarov Reaction's Scope and Limitation in the Generation of HCV-NS4A Peptidomimetics. <i>Heteroatom Chemistry</i> , 2022, 2022, 1-12.	0.7	0