

# Shahid Ali

## List of Publications by Year in descending order

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21  
papers

503  
citations

687363

13  
h-index

713466

21  
g-index

21  
all docs

21  
docs citations

21  
times ranked

433  
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification and Evaluation of Inhibitors of Lipase from <i>Malassezia restricta</i> using Virtual High-Throughput Screening and Molecular Dynamics Studies. <i>International Journal of Molecular Sciences</i> , 2019, 20, 884.	4.1	72
2	Modeling a novel combined solid oxide electrolysis cell (SOEC) - Biomass gasification renewable methanol production system. <i>Renewable Energy</i> , 2020, 154, 1025-1034.	8.9	69
3	Binding mechanism of caffeic acid and simvastatin to the integrin linked kinase for therapeutic implications: a comparative docking and MD simulation studies. <i>Journal of Biomolecular Structure and Dynamics</i> , 2019, 37, 4327-4337.	3.5	52
4	Impact of pulsed electric field treatment on drying kinetics, mass transfer, colour parameters and microstructure of plum. <i>Journal of Food Science and Technology</i> , 2019, 56, 2670-2678.	2.8	38
5	Elucidation of interaction mechanism of ellagic acid to the integrin linked kinase. <i>International Journal of Biological Macromolecules</i> , 2019, 122, 1297-1304.	7.5	38
6	&lt;p&gt;Vaginal Microbiota and HPV Infection: Novel Mechanistic Insights and Therapeutic Strategies&lt;/p&gt;. <i>Infection and Drug Resistance</i> , 2020, Volume 13, 1213-1220.	2.7	33
7	Natural Deep Eutectic Solvents as Performance Additives for Peroxygenase Catalysis. <i>ChemCatChem</i> , 2020, 12, 989-994.	3.7	26
8	Modeling systems relevant to the biodiesel production using the CPA equation of state. <i>Fluid Phase Equilibria</i> , 2016, 430, 75-92.	2.5	23
9	Modeling Phase Equilibria for Acid Gas Mixtures using the Cubic-Plus-Association Equation of State. 3. Applications Relevant to Liquid or Supercritical CO <sub>2</sub> Transport. <i>Journal of Chemical &amp; Engineering Data</i> , 2014, 59, 2955-2972.	1.9	22
10	Modeling phase equilibria for acid gas mixtures using the CPA equation of state. Part IV. Applications to mixtures of CO <sub>2</sub> with alkanes. <i>Fluid Phase Equilibria</i> , 2015, 397, 1-17.	2.5	20
11	The increasing hunger concern and current need in the development of sustainable food security in the developing countries. <i>Trends in Food Science and Technology</i> , 2021, 113, 423-429.	15.1	20
12	Extracellular Matrix and the Production of Cultured Meat. <i>Foods</i> , 2021, 10, 3116.	4.3	16
13	A Thermolabile Phospholipase B from <i>Talaromyces marneffeii</i> GD-0079: Biochemical Characterization and Structure Dynamics Study. <i>Biomolecules</i> , 2020, 10, 231.	4.0	15
14	Highly Efficient Deacidification of High-Acid Rice Bran Oil Using Methanol as a Novel Acyl Acceptor. <i>Applied Biochemistry and Biotechnology</i> , 2018, 184, 1061-1072.	2.9	12
15	Molecular Mechanisms and Current Treatment Options for Cancer Cachexia. <i>Cancers</i> , 2022, 14, 2107.	3.7	12
16	Identification and Evaluation of Traditional Chinese Medicine Natural Compounds as Potential Myostatin Inhibitors: An In Silico Approach. <i>Molecules</i> , 2022, 27, 4303.	3.8	12
17	High-resolution MD Simulation Studies to Get Mechanistic Insights into the Urea-induced Denaturation of Human Sphingosine Kinase 1. <i>Current Topics in Medicinal Chemistry</i> , 2021, 21, 2839-2850.	2.1	8
18	MIF1 and MIF2 Myostatin Peptide Inhibitors as Potent Muscle Mass Regulators. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4222.	4.1	7

#	ARTICLE	IF	CITATIONS
19	Open and closed states of Mrlip1 DAG lipase revealed by molecular dynamics simulation. <i>Molecular Simulation</i> , 2018, 44, 1520-1528.	2.0	5
20	Sequence and structure-based method to predict diacylglycerol lipases in protein sequence. <i>International Journal of Biological Macromolecules</i> , 2021, 182, 455-463.	7.5	2
21	Tetranectin targeting by epigallocatechin gallate suppresses colon cancer cell proliferation. <i>International Journal of Biological Macromolecules</i> , 2022, 209, 211-219.	7.5	1