

Atul Kumar Singh

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

623
citations

687363

13
h-index

677142

22
g-index

39
all docs

39
docs citations

39
times ranked

455
citing authors

#	ARTICLE	IF	CITATIONS
1	Multifaceted 3D-QSAR analysis for the identification of pharmacophoric features of biphenyl analogues as aromatase inhibitors. <i>Journal of Biomolecular Structure and Dynamics</i> , 2023, 41, 1322-1341.	3.5	4
2	<i>Withania somnifera</i> phytochemicals possess SARS-CoV-2 RdRp and human TMPRSS2 protein binding potential. <i>Vegetos</i> , 2023, 36, 701-720.	1.5	5
3	Identification of miRNAs and related hub genes associated with the triple negative breast cancer using integrated bioinformatics analysis and <i>in vitro</i> approach. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 11676-11690.	3.5	13
4	A candidate triple-negative breast cancer vaccine design by targeting clinically relevant cell surface markers: an integrated immuno and bio-informatics approach. <i>3 Biotech</i> , 2022, 12, 72.	2.2	9
5	Drug Resistance Mechanism of M46I-Mutation-Induced Saquinavir Resistance in HIV-1 Protease Using Molecular Dynamics Simulation and Binding Energy Calculation. <i>Viruses</i> , 2022, 14, 697.	3.3	14
6	Identification of potential natural inhibitors of SARS-CoV2 main protease by molecular docking and simulation studies. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 4334-4345.	3.5	129
7	Identification of FDA approved drugs and nucleoside analogues as potential SARS-CoV-2 A1pp domain inhibitor: An <i>in silico</i> study. <i>Computers in Biology and Medicine</i> , 2021, 130, 104185.	7.0	36
8	Principles of applied microbiology and biotechnology: Technique for the screening of antimicrobial herbs. , 2021, , 185-214.		1
9	miRNAs as Therapeutic Target in Obesity and Cancer. , 2021, , 235-255.		0
10	Effect of Dietary Phytochemicals in Obesity and Cancer. , 2021, , 163-184.		3
11	<i>In Silico</i> Updates on Lead Identification for Obesity and Cancer. , 2021, , 257-277.		4
12	Characterization of phytochemicals and validation of antioxidant and anticancer activity in some Indian polyherbal ayurvedic products. <i>Vegetos</i> , 2021, 34, 286-299.	1.5	16
13	Long non-coding RNA regulating androgen receptor signaling in breast and prostate cancer. <i>Cancer Letters</i> , 2021, 504, 15-22.	7.2	18
14	Role of ZBTB7A zinc finger in tumorigenesis and metastasis. <i>Molecular Biology Reports</i> , 2021, 48, 4703-4719.	2.3	16
15	Integrated 3D-QSAR, molecular docking, and molecular dynamics simulation studies on 1,2,3-triazole based derivatives for designing new acetylcholinesterase inhibitors. <i>Turkish Journal of Chemistry</i> , 2021, 45, 647-660.	1.2	10
16	Growth, characterizations, and the structural elucidation of diethyl-2-(3-oxoiso-1,3-dihydrobenzofuran-1-ylidene)malonate crystalline specimen for dielectric and electronic filters, thermal, optical, mechanical, and biomedical applications using conventional experimental and theoretical practices. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 22822-22839.	2.2	18
17	Identification of Natural Inhibitors Against SARS-CoV-2 Drugable Targets Using Molecular Docking, Molecular Dynamics Simulation, and MM-PBSA Approach. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 730288.	3.9	46
18	Phytochemicals present in Indian ginseng possess potential to inhibit SARS-CoV-2 virulence: A molecular docking and MD simulation study. <i>Microbial Pathogenesis</i> , 2021, 157, 104954.	2.9	33

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19	Identification of cancer stemness related miRNA(s) using integrated bioinformatics analysis and in vitro validation. 3 Biotech, 2021, 11, 446.	2.2	9
20	Five-Decade Update on Chemopreventive and Other Pharmacological Potential of Kurarinone: a Natural Flavanone. Frontiers in Pharmacology, 2021, 12, 737137.	3.5	15
21	MicroRNA Targeting Nicotinamide Adenine Dinucleotide Phosphate Oxidases in Cancer. Antioxidants and Redox Signaling, 2020, 32, 267-284.	5.4	13
22	Induction of apoptosis in breast cancer cells by naphthylisoquinoline alkaloids. Toxicology and Applied Pharmacology, 2020, 409, 115297.	2.8	37
23	3-O-(E)-p-Coumaroyl betulinic acid possess anticancer activity and inhibit Notch signaling pathway in breast cancer cells and mammosphere. Chemico-Biological Interactions, 2020, 328, 109200.	4.0	26
24	Prenylated flavonoids as a promising drug discovery candidate. , 2020, , 347-355.		3
25	Emerging role of ZBTB7A as an oncogenic driver and transcriptional repressor. Cancer Letters, 2020, 483, 22-34.	7.2	33
26	Fats and Oils as Sources of Bioactive Molecules. , 2020, , 99-108.		1
27	Microbial Proteins: A Potential Source of Protein. , 2020, , 139-147.		2
28	Human Disease Drug Therapy and Drug Discovery. , 2020, , 133-143.		1
29	Drug Development: In Silico, In Vivo, and System Biology Approach. , 2020, , 145-160.		2
30	Drug Development: Drug Delivery Carriers and Clinical Trial. , 2020, , 163-178.		1
31	Cell Membrane Receptor. , 2020, , 93-107.		1
32	Resistance to second generation antiandrogens in prostate cancer: pathways and mechanisms. , 2020, 3, 742-761.		13
33	An Introduction to Cell Culture. , 2020, , 1-5.		0
34	Animal Cell Culture. , 2020, , 7-31.		1
35	Potential Use of Cell Cultures. , 2020, , 45-52.		0
36	Bulbine frutescens phytochemical inhibits notch signaling pathway and induces apoptosis in triple negative and luminal breast cancer cells. Life Sciences, 2019, 234, 116783.	4.3	56

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37	Emerging Role of Migration and Invasion Enhancer 1 (MIEN1) in Cancer Progression and Metastasis. <i>Frontiers in Oncology</i> , 2019, 9, 868.	2.8	26
38	<i>Bulbine frutescens</i> phytochemicals as novel ABC-transporter inhibitor: a molecular docking and molecular dynamics simulation study. <i>Journal of Cancer Metastasis and Treatment</i> , 0, 2021, .	0.8	8
39	Synthesis, characterizations of D32DMBC-crystals for applications in biomedical, tribological, electronic filters and in device constructions by theory and practice. <i>Journal of Nonlinear Optical Physics and Materials</i> , 0, , .	1.8	0