

Parvez Khan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6494574/publications.pdf>

Version: 2024-02-01

71
papers

2,253
citations

201385

27
h-index

233125

45
g-index

73
all docs

73
docs citations

73
times ranked

1990
citing authors

#	ARTICLE	IF	CITATIONS
1	Epigenetic landscape of small cell lung cancer: small image of a giant recalcitrant disease. <i>Seminars in Cancer Biology</i> , 2022, 83, 57-76.	4.3	33
2	Design and development of 5-(4H)-oxazolones as potential inhibitors of human carbonic anhydrase VA: towards therapeutic management of diabetes and obesity. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 3144-3154.	2.0	10
3	MicroRNA-1: Diverse role of a small player in multiple cancers. <i>Seminars in Cell and Developmental Biology</i> , 2022, 124, 114-126.	2.3	14
4	Pathophysiological role of growth differentiation factor 15 (GDF15) in obesity, cancer, and cachexia. <i>Cytokine and Growth Factor Reviews</i> , 2022, 64, 71-83.	3.2	38
5	Myricetin inhibits breast and lung cancer cells proliferation via inhibiting MARK4. <i>Journal of Cellular Biochemistry</i> , 2022, 123, 359-374.	1.2	26
6	GDF15 promotes prostate cancer bone metastasis and colonization through osteoblastic CCL2 and RANKL activation. <i>Bone Research</i> , 2022, 10, 6.	5.4	32
7	Insights into the Antibacterial Activity of Prolactin-Inducible Protein against the Standard and Environmental MDR Bacterial Strains. <i>Microorganisms</i> , 2022, 10, 597.	1.6	3
8	Rethinking the chemokine cascade in brain metastasis: Preventive and therapeutic implications. <i>Seminars in Cancer Biology</i> , 2022, 86, 914-930.	4.3	7
9	Scrutinizing Deleterious Nonsynonymous SNPs and Their Effect on Human POLD1 Gene. <i>Genetical Research</i> , 2022, 2022, 1-12.	0.3	2
10	Liquid biopsies to occult brain metastasis. <i>Molecular Cancer</i> , 2022, 21, 113.	7.9	23
11	MEDB-90. Iron Imbalance Can Potentiate Cisplatin Response in Pediatric Medulloblastoma by Regulating Ferroptosis. <i>Neuro-Oncology</i> , 2022, 24, i127-i128.	0.6	0
12	Naringenin as a potential inhibitor of human cyclin-dependent kinase 6: Molecular and structural insights into anti-cancer therapeutics. <i>International Journal of Biological Macromolecules</i> , 2022, 213, 944-954.	3.6	13
13	Unravelling the unfolding pathway of human Fas-activated serine/threonine kinase induced by urea. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 5516-5525.	2.0	1
14	RNA-based therapies: A cog in the wheel of lung cancer defense. <i>Molecular Cancer</i> , 2021, 20, 54.	7.9	53
15	Targeting cyclin-dependent kinase 6 by vanillin inhibits proliferation of breast and lung cancer cells: Combined computational and biochemical studies. <i>Journal of Cellular Biochemistry</i> , 2021, 122, 897-910.	1.2	25
16	5-Fluorouracil (5-FU)-based Aza-Michael addition product: A selective carbonic anhydrase IX inhibitor. <i>Journal of Molecular Structure</i> , 2021, 1231, 129977.	1.8	7
17	BIOL-06. MIR-1253 POTENTIATES CISPLATIN RESPONSE IN PEDIATRIC GROUP 3 MEDULLOBLASTOMA BY REGULATING FERROPTOSIS. <i>Neuro-Oncology</i> , 2021, 23, i4-i4.	0.6	0
18	Biofilm inhibition and DNA binding studies of isoxazole-triazole conjugates in the development of effective anti-bacterial agents. <i>Journal of Molecular Structure</i> , 2020, 1201, 127144.	1.8	9

#	ARTICLE	IF	CITATIONS
19	Novel Mechanistic Insight into the Anticancer Activity of Cucurbitacin D against Pancreatic Cancer (Cuc D Attenuates Pancreatic Cancer). <i>Cells</i> , 2020, 9, 103.	1.8	20
20	Pharmacological Activities of Novel Chromene Derivatives as Calcium/Calmodulin Dependent Protein Kinase IV (CAMKIV) Inhibitors. <i>ChemistrySelect</i> , 2020, 5, 498-505.	0.7	4
21	Inhibiting CDK6 Activity by Quercetin Is an Attractive Strategy for Cancer Therapy. <i>ACS Omega</i> , 2020, 5, 27480-27491.	1.6	48
22	Ferulic Hydroxamic Acid Triazole Hybrids as Peptide Deformylase Inhibitors: Synthesis, Molecular Modelling and Biological Evaluation. <i>ChemistrySelect</i> , 2020, 5, 11420-11430.	0.7	1
23	Identification of morpholine based hydroxylamine analogues: selective inhibitors of MARK4/Par-1d causing cancer cell death through apoptosis. <i>New Journal of Chemistry</i> , 2020, 44, 16626-16637.	1.4	13
24	Design and Development of Small-Molecule Arylaldoxime/5-Nitroimidazole Hybrids as Potent Inhibitors of MARK4: A Promising Approach for Target-Based Cancer Therapy. <i>ACS Omega</i> , 2020, 5, 22759-22771.	1.6	16
25	Ellagic Acid Controls Cell Proliferation and Induces Apoptosis in Breast Cancer Cells via Inhibition of Cyclin-Dependent Kinase 6. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3526.	1.8	74
26	Design, synthesis & biological evaluation of ferulic acid-based small molecule inhibitors against tumor-associated carbonic anhydrase IX. <i>Bioorganic and Medicinal Chemistry</i> , 2020, 28, 115424.	1.4	30
27	Synthesis and SAR studies of novel 1,2,4-oxadiazole-sulfonamide based compounds as potential anticancer agents for colorectal cancer therapy. <i>Bioorganic Chemistry</i> , 2020, 98, 103754.	2.0	29
28	Rosmarinic Acid Exhibits Anticancer Effects via MARK4 Inhibition. <i>Scientific Reports</i> , 2020, 10, 10300.	1.6	114
29	Discovery of 4-(2-(dimethylamino)ethoxy)benzohydrazide derivatives as prospective microtubule affinity regulating kinase 4 inhibitors. <i>RSC Advances</i> , 2020, 10, 20129-20137.	1.7	14
30	Structural Features of Nucleoprotein CST/Shelterin Complex Involved in the Telomere Maintenance and Its Association with Disease Mutations. <i>Cells</i> , 2020, 9, 359.	1.8	24
31	A Fluorescence Resonance Energy Transfer-Based Analytical Tool for Nitrate Quantification in Living Cells. <i>ACS Omega</i> , 2020, 5, 30306-30314.	1.6	6
32	Engineering genetically encoded FRET-based nanosensors for real time display of arsenic (As ³⁺) dynamics in living cells. <i>Scientific Reports</i> , 2019, 9, 11240.	1.6	17
33	Genetics, Ageing and Human Health. , 2019, , 193-209.		0
34	Identification of Î±-Mangostin as a Potential Inhibitor of Microtubule Affinity Regulating Kinase 4. <i>Journal of Natural Products</i> , 2019, 82, 2252-2261.	1.5	62
35	Evaluation of ellagic acid as an inhibitor of sphingosine kinase 1: A targeted approach towards anticancer therapy. <i>Biomedicine and Pharmacotherapy</i> , 2019, 118, 109245.	2.5	78
36	Design, Synthesis, and Biological Evaluation of Novel Fused Spiro-4<i>H</i>-Pyran Derivatives as Bacterial Biofilm Disruptor. <i>ACS Omega</i> , 2019, 4, 16794-16807.	1.6	33

#	ARTICLE	IF	CITATIONS
37	Investigation of inhibitory potential of quercetin to the pyruvate dehydrogenase kinase 3: Towards implications in anticancer therapy. <i>International Journal of Biological Macromolecules</i> , 2019, 136, 1076-1085.	3.6	80
38	Insight of the Interaction between 2,4-thiazolidinedione and Human Serum Albumin: A Spectroscopic, Thermodynamic and Molecular Docking Study. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2727.	1.8	51
39	Cucurbitacin D Reprograms Glucose Metabolic Network in Prostate Cancer. <i>Cancers</i> , 2019, 11, 364.	1.7	26
40	Visualization of thiamine in living cells using genetically encoded fluorescent nanosensor. <i>Biochemical Engineering Journal</i> , 2019, 146, 170-178.	1.8	12
41	Probing the Inhibition of Microtubule Affinity Regulating Kinase 4 by N-Substituted Acridones. <i>Scientific Reports</i> , 2019, 9, 1676.	1.6	49
42	Structure Guided Design and Development of High Affinity Selective Kinase Inhibitor: A Newer Therapeutic Approach to Attenuate Hepatocellular Carcinoma. <i>Hpb</i> , 2019, 21, S244.	0.1	0
43	Elucidation of interaction mechanism of ellagic acid to the integrin linked kinase. <i>International Journal of Biological Macromolecules</i> , 2019, 122, 1297-1304.	3.6	38
44	Protein stability: Determination of structure and stability of the transmembrane protein Mce4A from <i>M. tuberculosis</i> in membrane-like environment. <i>International Journal of Biological Macromolecules</i> , 2019, 126, 488-495.	3.6	4
45	Design and development of Isatin-triazole hydrazones as potential inhibitors of microtubule affinity-regulating kinase 4 for the therapeutic management of cell proliferation and metastasis. <i>European Journal of Medicinal Chemistry</i> , 2019, 163, 840-852.	2.6	69
46	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.	2.0	52
47	Abstract 4809: Bromo-ormeloxifene inhibits epithelial mesenchymal transition via targeting β -catenin signaling pathways in cervical cancer cells. , 2019, , .		0
48	Abstract 4809: Bromo-ormeloxifene inhibits epithelial mesenchymal transition via targeting β -catenin signaling pathways in cervical cancer cells. , 2019, , .		0
49	Implication of sulfonylurea derivatives as prospective inhibitors of human carbonic anhydrase II. <i>International Journal of Biological Macromolecules</i> , 2018, 115, 961-969.	3.6	16
50	Exploring molecular insights into the interaction mechanism of cholesterol derivatives with the Mce4A: A combined spectroscopic and molecular dynamic simulation studies. <i>International Journal of Biological Macromolecules</i> , 2018, 111, 548-560.	3.6	45
51	Evidence of vanillin binding to CAMKIV explains the anti-cancer mechanism in human hepatic carcinoma and neuroblastoma cells. <i>Molecular and Cellular Biochemistry</i> , 2018, 438, 35-45.	1.4	56
52	Investigation of molecular mechanism of recognition between citral and MARK4: A newer therapeutic approach to attenuate cancer cell progression. <i>International Journal of Biological Macromolecules</i> , 2018, 107, 2580-2589.	3.6	96
53	Biological evaluation of p-toluene sulphonylhydrazone as carbonic anhydrase IX inhibitors: An approach to fight hypoxia-induced tumors. <i>International Journal of Biological Macromolecules</i> , 2018, 106, 840-850.	3.6	52
54	1,2,3-Triazole-quinazolin-4(3H)-one conjugates: evolution of ergosterol inhibitor as anticandidal agent. <i>RSC Advances</i> , 2018, 8, 39611-39625.	1.7	12

#	ARTICLE	IF	CITATIONS
55	Understanding the Role and Mechanism of Carbonic Anhydrase V in Obesity and its Therapeutic Implications. <i>Current Protein and Peptide Science</i> , 2018, 19, 909-923.	0.7	14
56	Synthesis, molecular docking and inhibition studies of novel 3-N-aryl substituted-2-heteroarylchromones targeting microtubule affinity regulating kinase 4 inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2018, 159, 166-177.	2.6	41
57	Synthesis, characterization and biological evaluation of tertiary sulfonamide derivatives of pyridyl-indole based heteroaryl chalcone as potential carbonic anhydrase IX inhibitors and anticancer agents. <i>European Journal of Medicinal Chemistry</i> , 2018, 155, 13-23.	2.6	71
58	Thienopyrimidine-Chalcone Hybrid Molecules Inhibit Fas-Activated Serine/Threonine Kinase: An Approach To Ameliorate Antiproliferation in Human Breast Cancer Cells. <i>Molecular Pharmaceutics</i> , 2018, 15, 4173-4189.	2.3	33
59	Effect of pH on the stability of hemochromatosis factor E: a combined spectroscopic and molecular dynamics simulation-based study. <i>Journal of Biomolecular Structure and Dynamics</i> , 2017, 35, 1582-1598.	2.0	19
60	Binding studies and biological evaluation of Î²-carotene as a potential inhibitor of human calcium/calmodulin-dependent protein kinase IV. <i>International Journal of Biological Macromolecules</i> , 2017, 96, 161-170.	3.6	67
61	Classification and structural analyses of mutational landscapes in hemochromatosis factor E protein: A protein defective in the hereditary hemochromatosis. <i>Gene Reports</i> , 2017, 6, 93-102.	0.4	4
62	Elucidation of Dietary Polyphenolics as Potential Inhibitor of Microtubule Affinity Regulating Kinase 4: In silico and In vitro Studies. <i>Scientific Reports</i> , 2017, 7, 9470.	1.6	91
63	Synthesis, estrogen receptor binding affinity and molecular docking of pyrimidine-piperazine-chromene and -quinoline conjugates. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 4493-4499.	1.0	14
64	Design, synthesis, and biological evaluation of pyrimidine derivatives as potential inhibitors of human calcium/calmodulin-dependent protein kinase IV. <i>Chemical Biology and Drug Design</i> , 2017, 89, 741-754.	1.5	28
65	Molecular basis of the structural stability of hemochromatosis factor E: A combined molecular dynamic simulation and GdmCl-induced denaturation study. <i>Biopolymers</i> , 2016, 105, 133-142.	1.2	28
66	Structural basis of urea-induced unfolding: Unraveling the folding pathway of hemochromatosis factor E. <i>International Journal of Biological Macromolecules</i> , 2016, 91, 1051-1061.	3.6	21
67	Live cell monitoring of glycine betaine by FRET-based genetically encoded nanosensor. <i>Biosensors and Bioelectronics</i> , 2016, 86, 169-175.	5.3	25
68	Structure guided design of potential inhibitors of human calcium-calmodulin dependent protein kinase IV containing pyrimidine scaffold. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 782-788.	1.0	34
69	Luminol-Based Chemiluminescent Signals: Clinical and Non-clinical Application and Future Uses. <i>Applied Biochemistry and Biotechnology</i> , 2014, 173, 333-355.	1.4	212
70	97. <i>Cytokine</i> , 2014, 70, 51.	1.4	1
71	Identification of Interfacial Residues Involved in Hecpidin-Ferroportin Interaction. <i>Letters in Drug Design and Discovery</i> , 2014, 11, 363-374.	0.4	13