Pukar Khanal

List of Publications by Year
in descending order

52	711	687363 13	677142 22
papers	citations	h-index	g-index

59	59	59	419
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Experimental validation and network pharmacology evaluation to decipher the mechanism of action of Erythrina variegata L. bark against scopolamine-induced memory impairment in rats. Advances in Traditional Medicine, 2022, 22, 193-206.	2.0	4
2	Network pharmacology of AYUSH recommended immune-boosting medicinal plants against COVID-19. Journal of Ayurveda and Integrative Medicine, 2022, 13, 100374.	1.7	33
3	Withanolides from Withania somnifera as an immunity booster and their therapeutic options against COVID-19. Journal of Biomolecular Structure and Dynamics, 2022, 40, 5295-5308.	3.5	43
4	Reversal of insulin resistance by Ficus benghalensis bark in fructose-induced insulin-resistant rats. Journal of Ethnopharmacology, 2022, 284, 114761.	4.1	6
5	Cyperus rotundus L. reverses the olanzapine-induced weight gain and metabolic changes-outcomes from network and experimental pharmacology. Computers in Biology and Medicine, 2022, 141, 105035.	7.0	6
6	Bioflavonoid mediated synthesis of TiO2 nanoparticles: Characterization and their biomedical applications. Materials Letters, 2022, 311, 131639.	2.6	32
7	System biology-based investigation of Silymarin to trace hepatoprotective effect. Computers in Biology and Medicine, 2022, 142, 105223.	7.0	19
8	Identification of <scp>benzothiazoleâ€rhodanine</scp> derivatives as <scp>Î±â€amylase</scp> and <scp>Î±â€glucosidase</scp> inhibitors: Design, synthesis, in silico, and in vitro analysis. Journal of Molecular Recognition, 2022, 35, e2959.	2.1	7
9	Network pharmacology and in vitro testing of Theobroma cacao extractâ€™s antioxidative activity and its effects on cancer cell survival. PLoS ONE, 2022, 17, e0259757.	2.5	4
10	Duranta repens L. reverses hepatic and peripheral insulin resistance in fructose-induced hyperinsulinaemic rats â€“ Experimental and computational findings. South African Journal of Botany, 2022, 148, 469-481.	2.5	1
11	Effect of Theobroma cacao L. on the Efficacy and Toxicity of Doxorubicin in Mice Bearing Ehrlich Ascites Carcinoma. Antioxidants, 2022, 11, 1094.	5.1	5
12	Computational investigation of benzalacetophenone derivatives against SARS-CoV-2 as potential multi-target bioactive compounds. Computers in Biology and Medicine, 2022, 146, 105668.	7.0	20
13	Integration of network and experimental pharmacology to decipher the antidiabetic action of Duranta repens L.. Journal of Integrative Medicine, 2021, 19, 66-77.	3.1	22
14	In silico analysis of phytoconstituents from Tinospora cordifolia with targets related to diabetes and obesity. In Silico Pharmacology, 2021, 9, 3.	3.3	11
15	Computational assessment of saikosaponins as adjuvant treatment for COVID-19: molecular docking, dynamics, and network pharmacology analysis. Molecular Diversity, 2021, 25, 1889-1904.	3.9	25
16	Network pharmacology of Withania somnifera against stress associated neurodegenerative diseases. Advances in Traditional Medicine, 2021, 21, 565-578.	2.0	7
17	Combination of system biology to probe the anti-viral activity of andrographolide and its derivative against COVID-19. RSC Advances, 2021, 11, 5065-5079.	3.6	28
18	Impact of COVID-19 on Mental Dimension of Health: A Sensitive Issue to be Addressed at the Earliest. Current Psychiatry Research and Reviews, 2021, 16, 158-166.	0.2	0

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19	Computational and network pharmacology analysis of bioflavonoids as possible natural antiviral compounds in COVID-19. Informatics in Medicine Unlocked, 2021, 22, 100504.	3.4	36
20	Gene set enrichment analysis of PPAR-Î³ regulators from Murraya odorata Blanco. Journal of Diabetes and Metabolic Disorders, 2021, 20, 369-375.	1.9	12
21	Screening of JAK-STAT modulators from the antiviral plants of Indian traditional system of medicine with the potential to inhibit 2019 novel coronavirus using network pharmacology. 3 Biotech, 2021, 11, 119.	2.2	8
22	Consolidation of network and experimental pharmacology to divulge the antidiabetic action of Ficus benghalensis L. bark. 3 Biotech, 2021, 11, 238.	2.2	10
23	Identification of PTP1B regulators from Cymbopogon citratus and its enrichment analysis for diabetes mellitus. In Silico Pharmacology, 2021, 9, 30.	3.3	8
24	Lacunas in the Preparation of Nepal for COVID-19 till the Third Stage of Disease Transmission. Journal of Young Pharmacists, 2021, 13, 91-96.	0.2	1
25	Computational and network pharmacology studies of Phyllanthus emblica to tackle SARS-CoV-2. Phytomedicine Plus, 2021, 1, 100095.	2.0	12
26	Design, synthesis, and molecular docking study of some 2-((7-chloroquinolin-4-yl) amino) benzohydrazide Schiff bases as potential Eg5 inhibitory agents. Bioorganic Chemistry, 2021, 116, 105381.	4.1	2
27	Beneficial effect of Zingiber officinale on olanzapine-induced weight gain and metabolic changes. Journal of Diabetes and Metabolic Disorders, 2021, 20, 41-48.	1.9	3
28	Exploring the therapeutic mechanisms of Cassia glauca in diabetes mellitus through network pharmacology, molecular docking and molecular dynamics. RSC Advances, 2021, 11, 39362-39375.	3.6	16
29	Integration of System Biology Tools to Investigate Huperzine A as an Anti-Alzheimer Agent. Frontiers in Pharmacology, 2021, 12, 785964.	3.5	16
30	Integration of in silico, in vitro and ex vivo pharmacology to decode the anti-diabetic action of Ficus benghalensis L. bark. Journal of Diabetes and Metabolic Disorders, 2020, 19, 1325-1337.	1.9	5
31	Outdated and unused medicines disposal practice among the undergraduate paramedical studentsÂâ€“Âa pharmacist's intervention. Pharmacien Hospitalier Et Clinicien, 2020, 55, 327-333.	0.3	3
32	Anthraquinone Derivatives as an Immune Booster and their Therapeutic Option Against COVID-19. Natural Products and Bioprospecting, 2020, 10, 325-335.	4.3	55
33	In vitro and in silico anti-oxidant, cytotoxicity and biological activities of Ficus benghalensis and Duranta repens. Chinese Herbal Medicines, 2020, 12, 406-413.	3.0	22
34	Gene set enrichment analysis of Î±-amylase and Î±-glucosidase inhibitors of Cassia glauca. Journal of Diabetes and Metabolic Disorders, 2020, 19, 683-689.	1.9	6
35	Gene ontology enrichment analysis of Î±-amylase inhibitors from Duranta repens in diabetes mellitus. Journal of Diabetes and Metabolic Disorders, 2020, 19, 735-747.	1.9	26
36	Beneficial effect of phospholipase A2 group IIA inhibitors from Acacia suma in obesity: an in silico and in vitro study. Advances in Traditional Medicine, 2020, 20, 599-608.	2.0	4

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37	Î±-Glucosidase inhibitors from Duranta repens modulate p53 signaling pathway in diabetes mellitus. Advances in Traditional Medicine, 2020, 20, 427-438.	2.0	23
38	Zebrafish shares common metabolic pathways with mammalian olanzapine-induced obesity. Future Journal of Pharmaceutical Sciences, 2020, 6, .	2.8	6
39	Poor and Unsatisfactory Disposal of Expired and Unused Pharmaceuticals: A Global Issue. Current Drug Safety, 2020, 15, 167-172.	0.6	12
40	Network pharmacology-based prediction and experimental validation of Mimosa pudica for Alzheimer's disease. The Journal of Phytopharmacology, 2020, 9, 46-53.	0.3	10
41	Mimosa pudica Modulates Neuroactive Ligand- Receptor Interaction in Parkinsonâ€™s Disease. Indian Journal of Pharmaceutical Education and Research, 2020, 54, 732-739.	0.6	12
42	In silico and in vitro cytotoxicity profile of hydroalcoholic extract/ fraction(s) of Pachygone ovata. Journal of Applied Pharmaceutical Science, 2020, 10, 135-141.	1.0	0
43	In-vitro Cytotoxicity and in silico Molecular Docking of Alkaloids from Tiliacora acuminata. Indian Journal of Pharmaceutical Education and Research, 2020, 54, s295-s300.	0.6	4
44	Network pharmacology-based assessment to elucidate the molecular mechanism of anti-diabetic action of Tinospora cordifolia. Clinical Phytoscience, 2019, 5, .	1.6	40
45	In silico docking study of Limonoids from Azadirachta indica with pfpk5: A Novel Target for Plasmodium falciparum. , 2019, 81, .		12
46	In silico Antidiabetic Screening of Borapetoside C, Cordifolioside A and Magnoflorine. , 2019, 81, .		13
47	Gene set enrichment analysis of alpha-glucosidase inhibitors from Ficus benghalensis. Asian Pacific Journal of Tropical Biomedicine, 2019, 9, 263.	1.2	30
48	In silico Docking Analysis of Active Biomolecules from Cissus quadrangularis L. against PPARG. Indian Journal of Pharmaceutical Education and Research, 2019, 53, s332-s337.	0.6	12
49	Formulation and Evaluation of Cefixime Nanosuspension for the Enhancement of Oral Bioavailability by Solvent-Antisolvent Method and its Suitable Method Development. Indian Journal of Pharmaceutical Education and Research, 2019, 54, 55-67.	0.6	4
50	Formulation and Evaluation of Solid Lipid Nanoparticle Containing Silver Sulfadiazine for Second and Third Degree Burn Wounds and its Suitable Analytical Method Development and Validation. Indian Journal of Pharmaceutical Education and Research, 2019, 54, 31-45.	0.6	2
51	GLUT-2 mediated glucose uptake analysis of Duranta repens: In-silico and In-vitro approach. Journal of Diabetes and Metabolic Disorders, 0, , 1.	1.9	4
52	Ficus benghalensis promotes the glucose uptake- Evidence with in silico and in vitro. Journal of Diabetes and Metabolic Disorders, 0, , 1.	1.9	1