

Pukar Khanal

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6313388/publications.pdf>

Version: 2024-02-01

52
papers

711
citations

687363

13
h-index

677142

22
g-index

59
all docs

59
docs citations

59
times ranked

419
citing authors

#	ARTICLE	IF	CITATIONS
1	Anthraquinone Derivatives as an Immune Booster and their Therapeutic Option Against COVID-19. <i>Natural Products and Bioprospecting</i> , 2020, 10, 325-335.	4.3	55
2	Withanolides from <i>Withania somnifera</i> as an immunity booster and their therapeutic options against COVID-19. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 5295-5308.	3.5	43
3	Network pharmacology-based assessment to elucidate the molecular mechanism of anti-diabetic action of <i>Tinospora cordifolia</i> . <i>Clinical Phytoscience</i> , 2019, 5, .	1.6	40
4	Computational and network pharmacology analysis of bioflavonoids as possible natural antiviral compounds in COVID-19. <i>Informatics in Medicine Unlocked</i> , 2021, 22, 100504.	3.4	36
5	Network pharmacology of AYUSH recommended immune-boosting medicinal plants against COVID-19. <i>Journal of Ayurveda and Integrative Medicine</i> , 2022, 13, 100374.	1.7	33
6	Bioflavonoid mediated synthesis of TiO ₂ nanoparticles: Characterization and their biomedical applications. <i>Materials Letters</i> , 2022, 311, 131639.	2.6	32
7	Gene set enrichment analysis of alpha-glucosidase inhibitors from <i>Ficus benghalensis</i> . <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2019, 9, 263.	1.2	30
8	Combination of system biology to probe the anti-viral activity of andrographolide and its derivative against COVID-19. <i>RSC Advances</i> , 2021, 11, 5065-5079.	3.6	28
9	Gene ontology enrichment analysis of α -amylase inhibitors from <i>Duranta repens</i> in diabetes mellitus. <i>Journal of Diabetes and Metabolic Disorders</i> , 2020, 19, 735-747.	1.9	26
10	Computational assessment of saikosaponins as adjuvant treatment for COVID-19: molecular docking, dynamics, and network pharmacology analysis. <i>Molecular Diversity</i> , 2021, 25, 1889-1904.	3.9	25
11	α -Glucosidase inhibitors from <i>Duranta repens</i> modulate p53 signaling pathway in diabetes mellitus. <i>Advances in Traditional Medicine</i> , 2020, 20, 427-438.	2.0	23
12	In vitro and in silico anti-oxidant, cytotoxicity and biological activities of <i>Ficus benghalensis</i> and <i>Duranta repens</i> . <i>Chinese Herbal Medicines</i> , 2020, 12, 406-413.	3.0	22
13	Integration of network and experimental pharmacology to decipher the antidiabetic action of <i>Duranta repens</i> L.. <i>Journal of Integrative Medicine</i> , 2021, 19, 66-77.	3.1	22
14	Computational investigation of benzalacetophenone derivatives against SARS-CoV-2 as potential multi-target bioactive compounds. <i>Computers in Biology and Medicine</i> , 2022, 146, 105668.	7.0	20
15	System biology-based investigation of Silymarin to trace hepatoprotective effect. <i>Computers in Biology and Medicine</i> , 2022, 142, 105223.	7.0	19
16	Exploring the therapeutic mechanisms of <i>Cassia glauca</i> in diabetes mellitus through network pharmacology, molecular docking and molecular dynamics. <i>RSC Advances</i> , 2021, 11, 39362-39375.	3.6	16
17	Integration of System Biology Tools to Investigate Huperzine A as an Anti-Alzheimer Agent. <i>Frontiers in Pharmacology</i> , 2021, 12, 785964.	3.5	16
18	In silico Antidiabetic Screening of Borapetoside C, Cordifolioside A and Magnoflorine. , 2019, 81, .		13

#	ARTICLE	IF	CITATIONS
19	Gene set enrichment analysis of PPAR- β regulators from <i>Murraya odorata</i> Blanco. <i>Journal of Diabetes and Metabolic Disorders</i> , 2021, 20, 369-375.	1.9	12
20	Computational and network pharmacology studies of <i>Phyllanthus emblica</i> to tackle SARS-CoV-2. <i>Phytomedicine Plus</i> , 2021, 1, 100095.	2.0	12
21	Poor and Unsatisfactory Disposal of Expired and Unused Pharmaceuticals: A Global Issue. <i>Current Drug Safety</i> , 2020, 15, 167-172.	0.6	12
22	In silico docking study of Limonoids from <i>Azadirachta indica</i> with pfpk5: A Novel Target for <i>Plasmodium falciparum</i> . , 2019, 81, .		12
23	In silico Docking Analysis of Active Biomolecules from <i>Cissus quadrangularis</i> L. against PPAR γ . <i>Indian Journal of Pharmaceutical Education and Research</i> , 2019, 53, s332-s337.	0.6	12
24	<i>Mimosa pudica</i> Modulates Neuroactive Ligand- Receptor Interaction in Parkinson's Disease. <i>Indian Journal of Pharmaceutical Education and Research</i> , 2020, 54, 732-739.	0.6	12
25	In silico analysis of phytoconstituents from <i>Tinospora cordifolia</i> with targets related to diabetes and obesity. <i>In Silico Pharmacology</i> , 2021, 9, 3.	3.3	11
26	Consolidation of network and experimental pharmacology to divulge the antidiabetic action of <i>Ficus benghalensis</i> L. bark. <i>3 Biotech</i> , 2021, 11, 238.	2.2	10
27	Network pharmacology-based prediction and experimental validation of <i>Mimosa pudica</i> for Alzheimer's disease. <i>The Journal of Phytopharmacology</i> , 2020, 9, 46-53.	0.3	10
28	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. <i>3 Biotech</i> , 2021, 11, 119.	2.2	8
29	Identification of PTP1B regulators from <i>Cymbopogon citratus</i> and its enrichment analysis for diabetes mellitus. <i>In Silico Pharmacology</i> , 2021, 9, 30.	3.3	8
30	Network pharmacology of <i>Withania somnifera</i> against stress associated neurodegenerative diseases. <i>Advances in Traditional Medicine</i> , 2021, 21, 565-578.	2.0	7
31	Identification of benzothiazole-rhodanine derivatives as α -amylase and α -glucosidase inhibitors: Design, synthesis, in silico, and in vitro analysis. <i>Journal of Molecular Recognition</i> , 2022, 35, e2959.	2.1	7
32	Gene set enrichment analysis of α -amylase and α -glucosidase inhibitors of <i>Cassia glauca</i> . <i>Journal of Diabetes and Metabolic Disorders</i> , 2020, 19, 683-689.	1.9	6
33	Zebrafish shares common metabolic pathways with mammalian olanzapine-induced obesity. <i>Future Journal of Pharmaceutical Sciences</i> , 2020, 6, .	2.8	6
34	Reversal of insulin resistance by <i>Ficus benghalensis</i> bark in fructose-induced insulin-resistant rats. <i>Journal of Ethnopharmacology</i> , 2022, 284, 114761.	4.1	6
35	<i>Cyperus rotundus</i> L. reverses the olanzapine-induced weight gain and metabolic changes-outcomes from network and experimental pharmacology. <i>Computers in Biology and Medicine</i> , 2022, 141, 105035.	7.0	6
36	Integration of in silico, in vitro and ex vivo pharmacology to decode the anti-diabetic action of <i>Ficus benghalensis</i> L. bark. <i>Journal of Diabetes and Metabolic Disorders</i> , 2020, 19, 1325-1337.	1.9	5

#	ARTICLE	IF	CITATIONS
37	Effect of Theobroma cacao L. on the Efficacy and Toxicity of Doxorubicin in Mice Bearing Ehrlich Ascites Carcinoma. <i>Antioxidants</i> , 2022, 11, 1094.	5.1	5
38	Experimental validation and network pharmacology evaluation to decipher the mechanism of action of <i>Erythrina variegata</i> L. bark against scopolamine-induced memory impairment in rats. <i>Advances in Traditional Medicine</i> , 2022, 22, 193-206.	2.0	4
39	Beneficial effect of phospholipase A2 group IIA inhibitors from <i>Acacia suma</i> in obesity: an in silico and in vitro study. <i>Advances in Traditional Medicine</i> , 2020, 20, 599-608.	2.0	4
40	Formulation and Evaluation of Cefixime Nanosuspension for the Enhancement of Oral Bioavailability by Solvent-Antisolvent Method and its Suitable Method Development. <i>Indian Journal of Pharmaceutical Education and Research</i> , 2019, 54, 55-67.	0.6	4
41	In-vitro Cytotoxicity and in silico Molecular Docking of Alkaloids from <i>Tiliacora acuminata</i> . <i>Indian Journal of Pharmaceutical Education and Research</i> , 2020, 54, s295-s300.	0.6	4
42	GLUT-2 mediated glucose uptake analysis of <i>Duranta repens</i> : In-silico and In-vitro approach. <i>Journal of Diabetes and Metabolic Disorders</i> , 0, , 1.	1.9	4
43	Network pharmacology and in vitro testing of <i>Theobroma cacao</i> extract's antioxidative activity and its effects on cancer cell survival. <i>PLoS ONE</i> , 2022, 17, e0259757.	2.5	4
44	Outdated and unused medicines disposal practice among the undergraduate paramedical students's pharmacist's intervention. <i>Pharmacie Hospitalier Et Clinicien</i> , 2020, 55, 327-333.	0.3	3
45	Beneficial effect of <i>Zingiber officinale</i> on olanzapine-induced weight gain and metabolic changes. <i>Journal of Diabetes and Metabolic Disorders</i> , 2021, 20, 41-48.	1.9	3
46	Design, synthesis, and molecular docking study of some 2-((7-chloroquinolin-4-yl) amino) benzohydrazide Schiff bases as potential Eg5 inhibitory agents. <i>Bioorganic Chemistry</i> , 2021, 116, 105381.	4.1	2
47	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. <i>Indian Journal of Pharmaceutical Education and Research</i> , 2019, 54, 31-45.	0.6	2
48	Lacunae in the Preparation of Nepal for COVID-19 till the Third Stage of Disease Transmission. <i>Journal of Young Pharmacists</i> , 2021, 13, 91-96.	0.2	1
49	<i>Ficus benghalensis</i> promotes the glucose uptake- Evidence with in silico and in vitro. <i>Journal of Diabetes and Metabolic Disorders</i> , 0, , 1.	1.9	1
50	<i>Duranta repens</i> L. reverses hepatic and peripheral insulin resistance in fructose-induced hyperinsulinaemic rats " Experimental and computational findings. <i>South African Journal of Botany</i> , 2022, 148, 469-481.	2.5	1
51	Impact of COVID-19 on Mental Dimension of Health: A Sensitive Issue to be Addressed at the Earliest. <i>Current Psychiatry Research and Reviews</i> , 2021, 16, 158-166.	0.2	0
52	In silico and in vitro cytotoxicity profile of hydroalcoholic extract/ fraction(s) of <i>Pachygone ovata</i> . <i>Journal of Applied Pharmaceutical Science</i> , 2020, 10, 135-141.	1.0	0