

# Avinash Kumar

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

336  
citations

1039880

9  
h-index

940416

16  
g-index

36  
all docs

36  
docs citations

36  
times ranked

459  
citing authors

#	ARTICLE	IF	CITATIONS
1	E-pharmacophore modelling, virtual screening, molecular dynamics simulations and in-silico ADME analysis for identification of potential E6 inhibitors against cervical cancer. <i>Journal of Molecular Structure</i> , 2019, 1189, 299-306.	1.8	46
2	Diabetic Peripheral Neuropathy and Its Determinants among Patients Attending A Tertiary Health Care Centre in Mangalore, India. <i>Journal of Public Health Research</i> , 2015, 4, jphr.2015.450.	0.5	32
3	Computer-aided identification of human carbonic anhydrase isoenzyme VII inhibitors as potential antiepileptic agents. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 4850-4865.	2.0	32
4	Snacking Behaviour and Its Determinants among College-Going Students in Coastal South India. <i>Journal of Nutrition and Metabolism</i> , 2018, 2018, 1-6.	0.7	24
5	Repurposing of existing FDA approved drugs for Neprilysin inhibition: An in-silico study. <i>Journal of Molecular Structure</i> , 2021, 1224, 129073.	1.8	23
6	A Recent Appraisal of Artificial Intelligence and In Silico ADMET Prediction in the Early Stages of Drug Discovery. <i>Mini-Reviews in Medicinal Chemistry</i> , 2021, 21, 2788-2800.	1.1	23
7	Identification of potential tumour-associated carbonic anhydrase isozyme IX inhibitors: atom-based 3D-QSAR modelling, pharmacophore-based virtual screening and molecular docking studies. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, 38, 2156-2170.	2.0	13
8	1,8-Naphthyridine Derivatives: A Privileged Scaffold for Versatile Biological Activities. <i>Mini-Reviews in Medicinal Chemistry</i> , 2021, 21, 586-601.	1.1	13
9	Computational approaches in efflux pump inhibitors: current status and prospects. <i>Drug Discovery Today</i> , 2020, 25, 1883-1890.	3.2	12
10	Clinico-epidemiological profile of snakebite cases admitted in a tertiary care Centre in South India: A 5 years study. <i>Toxicology International</i> , 2015, 22, 66.	0.1	12
11	Molecular dynamics guided insight, binding free energy calculations and pharmacophore-based virtual screening for the identification of potential VEGFR2 inhibitors. <i>Journal of Receptor and Signal Transduction Research</i> , 2019, 39, 415-433.	1.3	11
12	Identification of E6 Inhibitors Employing Energetically Optimized Structure-Based Pharmacophore Modelling, Ligand Docking and Molecular Dynamics Simulations Studies. <i>ChemistrySelect</i> , 2019, 4, 10701-10708.	0.7	10
13	Is viral E6 oncoprotein a viable target? A critical analysis in the context of cervical cancer. <i>Medicinal Research Reviews</i> , 2020, 40, 2019-2048.	5.0	10
14	Pharmacophore-guided fragment-based design of novel mammalian target of rapamycin inhibitors: extra precision docking, fingerprint-based 2D and atom-based 3D-QSAR modelling. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 1155-1173.	2.0	10
15	Potentials of Diphenyl Ether Scaffold as a Therapeutic Agent: A Review. <i>Mini-Reviews in Medicinal Chemistry</i> , 2019, 19, 1392-1406.	1.1	10
16	Drug repurposing approach for the identification and designing of potential E6 inhibitors against cervical cancer: an in silico investigation. <i>Structural Chemistry</i> , 2020, 31, 141-153.	1.0	8
17	Determinants of gestational diabetes mellitus: a hospital-based case-control study in coastal South India. <i>International Journal of Diabetes in Developing Countries</i> , 2021, 41, 108-113.	0.3	7
18	e-Pharmacophore model-guided design of potential DprE1 inhibitors: synthesis, in vitro antitubercular assay and molecular modelling studies. <i>Chemical Papers</i> , 2021, 75, 5571-5585.	1.0	6

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19	Measles Outbreak in the Adolescent Population - Matter of Concern?. Journal of Clinical and Diagnostic Research JCDR, 2017, 11, LC20-LC23.	0.8	6
20	Phytoestrogenic Potential of Resveratrol by Selective Activation of Estrogen Receptor- $\alpha$ in Osteoblast Cells. Revista Brasileira De Farmacognosia, 2022, 32, 248-256.	0.6	5
21	Targeting HIV $\alpha$ TB coinfection by developing novel piperidin $\alpha$ substituted imines: Design, synthesis, in vitro and in silico studies. Archiv Der Pharmazie, 2019, 352, 1800358.	2.1	4
22	Exploration of small-molecule entry disruptors for chikungunya virus by targeting matrix remodelling associated protein. Research in Pharmaceutical Sciences, 2020, 15, 300.	0.6	4
23	Identification of potent HDAC 2 inhibitors using E-pharmacophore modelling, structure-based virtual screening and molecular dynamic simulation. Journal of Molecular Modeling, 2022, 28, 119.	0.8	4
24	Design, Synthesis, Biological Evaluation and In Silico Studies of Few Novel 2-Substituted Benzothiazole Derivatives as Potential EGFR Inhibitors. Letters in Drug Design and Discovery, 2019, 16, 961-971.	0.4	2
25	Are Our Diabetic Patients Adherent to the Treatment?. Current Diabetes Reviews, 2021, 17, e022221191731.	0.6	2
26	Clinico-Epidemiological Profile of Children Orphaned due to AIDS Residing in Care Giving Institutions in Coastal South India. AIDS Research and Treatment, 2019, 2019, 1-6.	0.3	1
27	Design of Potential Inhibitors and Prediction of their Activity by the Structural Insight of VEGFR2 Inhibitors: Atom $\alpha$ based 3D $\alpha$ QSAR, Fingerprint $\alpha$ based 2D QSAR and Off $\alpha$ target analysis.. ChemistrySelect, 2020, 5, 689-703.	0.7	1
28	In-silico and in-vivo evaluation of sesamol and its derivatives for benign prostatic hypertrophy. 3 Biotech, 2021, 11, 411.	1.1	1
29	Quality of Life and Self-care Behavior Among People Living with Diabetes- A Study from Coastal South India. Current Diabetes Reviews, 2020, 17, 101-106.	0.6	1
30	Vaccine hesitancy among mothers of under-five children in Coastal South India: a facility-based cross-sectional study. F1000Research, 2021, 10, 186.	0.8	1
31	Synthesis, characterization, and <i>in silico</i> studies of 1,8-naphthyridine derivatives as potential anti-Parkinson $\alpha$ s agents. Journal of Biomolecular Structure and Dynamics, 2021, , 1-16.	2.0	1
32	Perception of HIV Testing and Counseling among Integrated Counseling and Testing Center Clients of Tertiary Level Hospitals. Journal of the International Association of Providers of AIDS Care, 2016, 15, 380-384.	0.6	0
33	Determinants for Acceptability of a Conditional Cash Transfer Scheme (Janani Suraksha Yojana) for Encouraging Institutional Deliveries among Antenatal Mothers. Journal of Health Management, 2018, 20, 197-205.	0.4	0