

# 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  | 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        |
| 2  | Phytoestrogenic Potential of Resveratrol by Selective Activation of Estrogen Receptor- $\alpha$ in Osteoblast Cells. <i>Revista Brasileira De Farmacognosia</i> , 2022, 32, 248-256.  | 0.6 | 5         |
| 3  | Identification of potent HDAC 2 inhibitors using E-pharmacophore modelling, structure-based virtual screening and molecular dynamic simulation. <i>Journal of Molecular Modeling</i> , 2022, 28, 119.   | 0.8 | 4         |
| 4  | 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        |
| 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  | 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         |
| 7  | 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        |
| 8  | 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        |
| 9  | 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         |
| 10 | In-silico and in-vivo evaluation of sesamol and its derivatives for benign prostatic hypertrophy. <i>3 Biotech</i> , 2021, 11, 411.   | 1.1 | 1         |
| 11 | Are Our Diabetic Patients Adherent to the Treatment?. <i>Current Diabetes Reviews</i> , 2021, 17, e022221191731.  | 0.6 | 2         |
| 12 | Vaccine hesitancy among mothers of under-five children in Coastal South India: a facility-based cross-sectional study. <i>F1000Research</i> , 2021, 10, 186.  | 0.8 | 1         |
| 13 | Synthesis, characterization, and in silico studies of 1,8-naphthyridine derivatives as potential anti-Parkinson's agents. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, , 1-16.   | 2.0 | 1         |
| 14 | 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        |
| 15 | 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         |
| 16 | Computational approaches in efflux pump inhibitors: current status and prospects. <i>Drug Discovery Today</i> , 2020, 25, 1883-1890.  | 3.2 | 12        |
| 17 | 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        |
| 18 | Design of Potential Inhibitors and Prediction of their Activity by the Structural Insight of VEGFR2 Inhibitors: Atom-based 3D-QSAR, Fingerprint-based 2D QSAR and Off-target analysis.. <i>ChemistrySelect</i> , 2020, 5, 689-703.                                      | 0.7 | 1         |

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|----|---|-----|-----------|
| 19 | Quality of Life and Self-care Behavior Among People Living with Diabetes- A Study from Coastal South India. <i>Current Diabetes Reviews</i> , 2020, 17, 101-106.  | 0.6 | 1         |
| 20 | Exploration of small-molecule entry disruptors for chikungunya virus by targeting matrix remodelling associated protein. <i>Research in Pharmaceutical Sciences</i> , 2020, 15, 300.  | 0.6 | 4         |
| 21 | 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        |
| 22 | Targeting HIV&TB coinfection by developing novel piperidin&substituted imines: Design, synthesis, in vitro and in silico studies. <i>Archiv Der Pharmazie</i> , 2019, 352, 1800358.   | 2.1 | 4         |
| 23 | 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        |
| 24 | Design, Synthesis, Biological Evaluation and In Silico Studies of Few Novel 2-Substituted Benzothiazole Derivatives as Potential EGFR Inhibitors. <i>Letters in Drug Design and Discovery</i> , 2019, 16, 961-971.                                    | 0.4 | 2         |
| 25 | 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        |
| 26 | Clinico-Epidemiological Profile of Children Orphaned due to AIDS Residing in Care Giving Institutions in Coastal South India. <i>AIDS Research and Treatment</i> , 2019, 2019, 1-6.   | 0.3 | 1         |
| 27 | 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        |
| 28 | Determinants for Acceptability of a Conditional Cash Transfer Scheme (Janani Suraksha Yojana) for Encouraging Institutional Deliveries among Antenatal Mothers. <i>Journal of Health Management</i> , 2018, 20, 197-205.                              | 0.4 | 0         |
| 29 | 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        |
| 30 | Measles Outbreak in the Adolescent Population - Matter of Concern?. <i>Journal of Clinical and Diagnostic Research JCDR</i> , 2017, 11, LC20-LC23.  | 0.8 | 6         |
| 31 | Perception of HIV Testing and Counseling among Integrated Counseling and Testing Center Clients of Tertiary Level Hospitals. <i>Journal of the International Association of Providers of AIDS Care</i> , 2016, 15, 380-384.                           | 0.6 | 0         |
| 32 | 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        |
| 33 | 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        |