

# Anoop Kumar

## List of Publications by Year in descending order

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Version: 2024-02-01

91  
papers

1,481  
citations

331259

21  
h-index

433756

31  
g-index

95  
all docs

95  
docs citations

95  
times ranked

1657  
citing authors

#	ARTICLE	IF	CITATIONS
1	Docking techniques in pharmacology: How much promising?. Computational Biology and Chemistry, 2018, 76, 210-217.	1.1	117
2	Risks Associated with SGLT2 Inhibitors: An Overview. Current Drug Safety, 2018, 13, 84-91.	0.3	97
3	Analysis of alkaloids (indole alkaloids, isoquinoline alkaloids, tropane alkaloids). , 2020, , 505-567.		93
4	Potential risks and benefits of zinc oxide nanoparticles: a systematic review. Critical Reviews in Toxicology, 2020, 50, 47-71.	1.9	67
5	Deltamethrin-induced oxidative stress and mitochondrial caspase-dependent signaling pathways in murine splenocytes. Environmental Toxicology, 2016, 31, 808-819.	2.1	55
6	Homology model, molecular dynamics simulation and novel pyrazole analogs design of <i>Candida albicans</i> CYP450 lanosterol 14 $\alpha$ -demethylase, a target enzyme for antifungal therapy. Journal of Biomolecular Structure and Dynamics, 2017, 35, 1446-1463.	2.0	48
7	Deltamethrin induced an apoptogenic signalling pathway in murine thymocytes : exploring the molecular mechanism. Journal of Applied Toxicology, 2014, 34, 1303-1310.	1.4	45
8	Neurological Manifestations in COVID-19 Patients: A Meta-Analysis. ACS Chemical Neuroscience, 2021, 12, 2776-2797.	1.7	43
9	Immunomodulatory role of piperine in deltamethrin induced thymic apoptosis and altered immune functions. Environmental Toxicology and Pharmacology, 2015, 39, 504-514.	2.0	40
10	Implantable drug delivery systems. , 2018, , 473-511.		38
11	HeroMDAnalysis: an automagical tool for GROMACS-based molecular dynamics simulation analysis. Future Medicinal Chemistry, 2021, 13, 447-456.	1.1	35
12	Comparative efficacy of piperine and curcumin in deltamethrin induced splenic apoptosis and altered immune functions. Pesticide Biochemistry and Physiology, 2015, 119, 16-27.	1.6	33
13	A merged molecular docking, ADME-T and dynamics approaches towards the genus of Arisaema as herpes simplex virus type 1 and type 2 inhibitors. Computational Biology and Chemistry, 2019, 78, 217-226.	1.1	33
14	Use of steroids in COVID-19 patients: A meta-analysis. European Journal of Pharmacology, 2022, 914, 174579.	1.7	32
15	Use of aspirin in reduction of mortality of COVID-19 patients: A meta-analysis. International Journal of Clinical Practice, 2021, 75, e14515.	0.8	31
16	Repurposing of Fluvastatin Against <i>Candida albicans</i> CYP450 Lanosterol 14 $\alpha$ -demethylase, a Target Enzyme for Antifungal Therapy: An In silico and In vitro Study. Current Molecular Medicine, 2019, 19, 506-524.	0.6	28
17	Development and Characterization of Nasal Delivery of Selegiline Hydrochloride Loaded Nanolipid Carriers for the Management of Parkinson's Disease. Central Nervous System Agents in Medicinal Chemistry, 2019, 19, 46-56.	0.5	28
18	An insight into deltamethrin induced apoptotic calcium, p53 and oxidative stress signalling pathways. Toxicology and Environmental Health Sciences, 2015, 7, 25-34.	1.1	27

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19	Comparative potential of Simvastatin, Rosuvastatin and Fluvastatin against bacterial infection: an in silico and in vitro study. <i>Oriental Pharmacy and Experimental Medicine</i> , 2019, 19, 259-275.	1.2	27
20	Natural chemical entities from <i>Arisaema</i> genus might be a promising break-through against Japanese encephalitis virus infection: a molecular docking and dynamics approach. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 1404-1416.	2.0	26
21	Mechanism of deltamethrin induced thymic and splenic toxicity in mice and its protection by piperine and curcumin: an in vivo study. <i>Drug and Chemical Toxicology</i> , 2018, 41, 33-41.	1.2	24
22	Repurposing of Existing Statin Drugs for Treatment of Microbial Infections: How Much Promising?. <i>Infectious Disorders - Drug Targets</i> , 2019, 19, 224-237.	0.4	23
23	Ebola Virus: Current and Future Perspectives. <i>Infectious Disorders - Drug Targets</i> , 2015, 15, 20-31.	0.4	22
24	Safety of SGLT2 Inhibitors in Patients with Diabetes Mellitus. <i>Current Drug Safety</i> , 2019, 14, 87-93.	0.3	22
25	Synthesis and biological evaluation of 2,5-disubstituted 1,3,4-oxadiazole derivatives with both COX and LOX inhibitory activity. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2011, 26, 767-776.	2.5	21
26	Traumatic Brain Injury Altered Normal Brain Signaling Pathways: Implications for Novel Therapeutics Approaches. <i>Current Neuropharmacology</i> , 2019, 17, 614-629.	1.4	21
27	Evaluation of In Silico Anti-parkinson Potential of Î²-asarone. <i>Central Nervous System Agents in Medicinal Chemistry</i> , 2018, 18, 128-135.	0.5	20
28	Phytomolecules against bacterial biofilm and efflux pump: an in silico and in vitro study. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, 38, 5500-5512.	2.0	18
29	Pharmacological potential of tocopherol and doxycycline against traumatic brain injury-induced cognitive/motor impairment in rats. <i>Brain Injury</i> , 2020, 34, 1039-1050.	0.6	18
30	Rationally synthesized coumarin based pyrazolines ameliorate carrageenan induced inflammation through COX-2/pro-inflammatory cytokine inhibition. <i>MedChemComm</i> , 2019, 10, 421-430.	3.5	16
31	Alpha-Lipoic Acid Protects Co-Exposure to Lead and Zinc Oxide Nanoparticles Induced Neuro, Immuno and Male Reproductive Toxicity in Rats. <i>Frontiers in Pharmacology</i> , 2021, 12, 626238.	1.6	16
32	Computational identification of natural product leads that inhibit mast cell chymase: an exclusive plausible treatment for Japanese encephalitis. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 1203-1212.	2.0	15
33	Mechanism of immunoprotective effects of curcumin in DLM-induced thymic apoptosis and altered immune function: an in silico and in vitro study. <i>Immunopharmacology and Immunotoxicology</i> , 2015, 37, 488-498.	1.1	14
34	Comparison of Minimum Inhibitory Concentration (MIC) value of statin drugs: A Systematic Review. <i>Anti-Infective Agents</i> , 2018, 17, 4-19.	0.1	13
35	Design, Synthesis and Antimicrobial Evaluation of 1,3,4-Oxadiazole/1,2,4-Triazole Substituted Thiophenes. <i>ChemistrySelect</i> , 2020, 5, 3835-3842.	0.7	13
36	Investigates interaction between abscisic acid and bovine serum albumin using various spectroscopic and in-silico techniques. <i>Journal of Molecular Structure</i> , 2021, 1224, 129018.	1.8	13

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37	Chronic exposure to multi-metals on testicular toxicity in rats. <i>Toxicology Mechanisms and Methods</i> , 2021, 31, 53-66.	1.3	13
38	The clinical correlation of proinflammatory and anti-inflammatory biomarkers with Alzheimer disease: a meta-analysis. <i>Neurological Sciences</i> , 2022, 43, 285-298.	0.9	13
39	Abscisic acid and aloe-emodin against NS2B-NS3A protease of Japanese encephalitis virus. <i>Environmental Science and Pollution Research</i> , 2022, 29, 8759-8766.	2.7	13
40	Mechanism of immunotoxicological effects of tributyltin chloride on murine thymocytes. <i>Cell Biology and Toxicology</i> , 2014, 30, 101-112.	2.4	12
41	Docking Techniques in Toxicology: An Overview. <i>Current Bioinformatics</i> , 2020, 15, 600-610.	0.7	11
42	Computational tool for immunotoxic assessment of pyrethroids toward adaptive immune cell receptors. <i>Pharmacognosy Magazine</i> , 2018, 14, 124.	0.3	11
43	Is there a Role for Sodium Orthovanadate in the Treatment of Diabetes?. <i>Current Diabetes Reviews</i> , 2019, 15, 284-287.	0.6	10
44	Repurposing of Existing Drugs for the Bacterial Infections: An In silico and In vitro Study. <i>Infectious Disorders - Drug Targets</i> , 2020, 20, 182-197.	0.4	10
45	Deltamethrin-Induced Immunotoxicity and its Protection by Quercetin: An Experimental Study. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2020, 20, 67-76.	0.6	10
46	Targeting Endothelin in Alzheimer's Disease: A Promising Therapeutic Approach. <i>BioMed Research International</i> , 2021, 2021, 1-13.	0.9	9
47	Protective Effect of Alpha-Tocopherol in Deltamethrin Induced Immunotoxicity. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2019, 19, 171-184.	0.6	9
48	Screening of phytoconstituents of <i>Andrographis paniculata</i> against various targets of Japanese encephalitis virus: An in-silico and in-vitro target-based approach. <i>Current Research in Pharmacology and Drug Discovery</i> , 2021, 2, 100043.	1.7	8
49	Ebola Virus Altered Innate and Adaptive Immune Response Signalling Pathways: Implications for Novel Therapeutic Approaches. <i>Infectious Disorders - Drug Targets</i> , 2016, 16, 79-94.	0.4	8
50	Signal Detection and their Assessment in Pharmacovigilance. <i>Open Pharmaceutical Sciences Journal</i> , 2015, 2, 66-73.	2.1	8
51	Deltamethrin, a pyrethroid insecticide, could be a promising candidate as an anticancer agent. <i>Medical Hypotheses</i> , 2015, 85, 145-147.	0.8	7
52	Determination of Deltamethrin in Mice Plasma and Immune Organs by Simple Reversed-Phase HPLC. <i>Acta Chromatographica</i> , 2016, 28, 193-206.	0.7	7
53	Importance of Zebrafish as an Efficient Research Model for the Screening of Novel Therapeutics in Neurological Disorders. <i>CNS and Neurological Disorders - Drug Targets</i> , 2021, 20, 145-157.	0.8	7
54	Repurposing of Auranofin Against Bacterial Infections: An In silico and In vitro Study. <i>Current Computer-Aided Drug Design</i> , 2021, 17, 687-701.	0.8	7

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55	Selective Estrogen Receptor Modulators (SERMs): Mechanistic Insights Against Microbial Infections. <i>Current Molecular Medicine</i> , 2020, 20, 102-115.	0.6	7
56	Risk and Benefit Profile of Dulaglutide in Established Therapeutic Indication. <i>Current Drug Safety</i> , 2018, 13, 165-170.	0.3	7
57	Behavior and bioefficacy of tribenuron-methyl in wheat ( <i>Triticum aestivum</i> L.) under irrigated agro-ecosystem in India. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 610.	1.3	6
58	Abscisic Acid, a Plant Hormone, Could be a Promising Candidate as an Anti-Japanese Encephalitis Virus (JEV) Agent. <i>Anti-Infective Agents</i> , 2021, 18, 326-331.	0.1	6
59	Antibacterial potential of selected phytomolecules: An experimental study. <i>Microbiology and Immunology</i> , 2021, 65, 325-332.	0.7	6
60	Mucormycosis in COVID-19 recovered patients. <i>Journal of Medical Virology</i> , 2022, 94, 1272-1273.	2.5	6
61	ACEi/ ARB and Deaths of COVID-19 Patients. <i>Current Hypertension Reviews</i> , 2022, 18, 158-162.	0.5	5
62	Analysis of triterpenes and triterpenoids. , 2020, , 393-426.		4
63	The updates on Middle East Respiratory Syndrome coronavirus (MERS-CoV) epidemiology, pathogenesis, viral genome and currently available drugs. <i>Journal of Pharmaceutical Chemistry</i> , 2016, 3, 10-18.	0.2	4
64	Genus <i>Arisaema</i> : A Review of Traditional Importance, Chemistry and Biological Activities. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2020, 23, 624-648.	0.6	4
65	Comparative potential of hydrocortisone, deoxycorticosterone and dexamethasone in the prevention of cataract: an in silico and in vitro study. <i>Oriental Pharmacy and Experimental Medicine</i> , 2018, 18, 403-422.	1.2	3
66	Prophylactic Role of Piperine and Curcumin in Allethrin Altered Hematological and Biochemical Parameters in Swiss Albino Mice. <i>Pharmacologia</i> , 2015, 6, 396-412.	0.3	3
67	Risk Analysis of Lurasidone in Patients with Schizophrenia and Bipolar Depression. <i>CNS and Neurological Disorders - Drug Targets</i> , 2020, 19, 109-114.	0.8	3
68	Selective estrogen receptor modulators Against Gram-positive and Gram-negative bacteria: an experimental study. <i>Future Microbiology</i> , 2021, 16, 987-1001.	1.0	2
69	Oral Vaccine Antigen Induced Immune Response Signalling Pathways: Current and Future Perspectives. <i>Journal of Vaccines &amp; Vaccination</i> , 2014, 05, .	0.3	2
70	Overview of Periodic Safety Update Reports: Where Have We Reached?. <i>Applied Clinical Research Clinical Trials and Regulatory Affairs</i> , 2020, 7, 4-11.	0.4	1
71	Protective role of epigallocatechin gallate, a dietary antioxidant against oxidative stress in various diseases. , 2020, , 213-223.		1
72	Exploring Therapeutic Potential of Atorvastatin Against Gram-positive and Gram-negative Bacteria: In silico, In vitro and In vivo Evidences. <i>Infectious Disorders - Drug Targets</i> , 2021, 20, 798-815.	0.4	1

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73	Herbals for COVID-19 Infection. , 2021, , 160-180.		1
74	Risks Associated with Vortioxetine in the Established Therapeutic Indication. Current Neuropharmacology, 2021, 19, 711-717.	1.4	1
75	Cost-minimization Analysis of Drugs Used in the Treatment of Asthma and COPD Diseases in India. Current Drug Therapy, 2021, 16, 83-88.	0.2	1
76	EVALUATION OF IN-SILICO ANTICANCER POTENTIAL OF PYRETHROIDS: A COMPARATIVE MOLECULAR DOCKING STUDY. , 0, , .		1
77	Nanocrystalline Diamond Films As A Protective Coating For Implantable Bio- Devices. Advanced Materials Letters, 2016, 7, 903-909.	0.3	1
78	Risk and benefit analysis of medicines. Journal of International Medical Research, 2020, 48, 030006051877142.	0.4	0
79	Genome information of BW agents and their application in biodefence. , 2020, , 257-271.		0
80	Bioactive Natural Leads Targeting Cancer Cell Metabolism. , 2021, , 29-75.		0
81	Effect of Early Lockdown in India During the Outbreak of COVID-19: A Comparative Study of USA, Italy and India. , 2021, , 55-63.		0
82	Possible Mechanism of Deaths Due to COVID-19. , 2021, , 119-132.		0
83	Repurposing of Drugs for COVID-19 Infections. , 2021, , 146-159.		0
84	Possible Targets of SARS-CoV-2. , 2021, , 133-145.		0
85	COVID-19 Altered Immune Signalling Pathways. , 2021, , 64-75.		0
86	Diagnosis, Treatment and Management of COVID- 19. , 2021, , 35-42.		0
87	Pathogenesis of COVID-19. , 2021, , 27-34.		0
88	Mathematical Models for ADME of Prodrugs. , 2020, , 269-284.		0
89	Genotoxic Impurities in Ranitidine Containing Products: An Overview. Applied Clinical Research Clinical Trials and Regulatory Affairs, 2020, 7, 155-161.	0.4	0
90	Evaluation of the Drug Utilization Pattern of Pre and Post Operative Medicines used in Surgical Department: A Prospective Observational Study. Current Drug Therapy, 2020, 15, 389-395.	0.2	0

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91	Prevalence of anemia among chronic myeloid leukemia patients treated with Imatinib: A evidence based meta-analysis. Current Reviews in Clinical and Experimental Pharmacology, 2022, 17, .	0.4	0