

Lekshmi R Nath

List of Publications by Year in descending order

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743
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#	ARTICLE	IF	CITATIONS
1	Decoding the Mechanism of Drugs of Heterocyclic Nature against Hepatocellular Carcinoma. Anti-Cancer Agents in Medicinal Chemistry, 2023, 23, 882-893.	1.7	2
2	Green Synthesized Nanoparticles as a Plausible Therapeutic Strategy Against Hepatocellular Carcinoma: An Update on its Preclinical and Clinical Relevance. Recent Patents on Anti-Cancer Drug Discovery, 2023, 18, 268-291.	1.6	1
3	Plant Extracts and Phytochemicals, a Promising Strategy Against Oral Lichen Planus: A Review on Clinical Trials. Recent Patents on Biotechnology, 2023, 17, 80-91.	0.8	1
4	Unravelling the Immune Modulatory Effect of Indian Spices to Impede the Transmission of COVID-19: A Promising Approach. Current Pharmaceutical Biotechnology, 2022, 23, 201-220.	1.6	6
5	Antibody–drug conjugate as targeted therapeutics against hepatocellular carcinoma: preclinical studies and clinical relevance. Clinical and Translational Oncology, 2022, 24, 407-431.	2.4	6
6	Ameliorative effect of ethoxylated chalcone-based MAO-B inhibitor on behavioural predictors of haloperidol-induced Parkinsonism in mice: evidence of its antioxidative role against Parkinson’s diseases. Environmental Science and Pollution Research, 2022, 29, 7271-7282.	5.3	8
7	Blockade of Uttroside B-Induced Autophagic Pro-Survival Signals Augments Its Chemotherapeutic Efficacy Against Hepatocellular Carcinoma. Frontiers in Oncology, 2022, 12, 812598.	2.8	3
8	Conjugated Dienones from Differently Substituted Cinnamaldehyde as Highly Potent Monoamine Oxidase-B Inhibitors: Synthesis, Biochemistry, and Computational Chemistry. ACS Omega, 2022, 7, 8184-8197.	3.5	10
9	Biology, Significance and Immune Signaling of Mucin 1 in Hepatocellular Carcinoma. Current Cancer Drug Targets, 2022, 22, 725-740.	1.6	3
10	Evaluation of the Nimbamrithadhi Panchatiktha Kashayam against SARS CoV-2 based on Network Pharmacology and Molecular Docking analysis. Combinatorial Chemistry and High Throughput Screening, 2022, 25, .	1.1	0
11	Augmented Efficacy of Uttroside B over Sorafenib in a Murine Model of Human Hepatocellular Carcinoma. Pharmaceuticals, 2022, 15, 636.	3.8	4
12	Effect of Hydroalcoholic Extract of <i>Rotula Aquatica</i> Lour on Gentamicin-Induced Nephrotoxicity in Wistar Albino Rats: An <i>In Vitro</i> and <i>In Vivo</i> Approach. Journal of Biomedical Nanotechnology, 2022, 18, 884-890.	1.1	0
13	Curry versus cancer: Potential of some selected culinary spices against cancer with in vitro, in vivo, and human trials evidences. Journal of Food Biochemistry, 2021, 45, e13285.	2.9	20
14	The Ineluctable Role of ACE-2 Receptors in SARS COV-2 Infection and Drug Repurposing as a Plausible SARS COV-2 Therapy: A Concise Treatise. Current Molecular Medicine, 2021, 21, 888-913.	1.3	5
15	RNA sensors as a mechanism of innate immune evasion among SARS-CoV2, HIV and Nipah viruses. Current Protein and Peptide Science, 2021, 22, 273-289.	1.4	5
16	MUC Glycoproteins: Potential Biomarkers and Molecular Targets for Cancer Therapy. Current Cancer Drug Targets, 2021, 21, 132-152.	1.6	14
17	An insight into the role of telmisartan as PPAR α / β dual activator in the management of nonalcoholic fatty liver disease. Biotechnology and Applied Biochemistry, 2021, , .	3.1	8
18	Cogent role of flavonoids as key orchestrators of chemoprevention of hepatocellular carcinoma: A review. Journal of Food Biochemistry, 2021, 45, e13761.	2.9	22

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19	The Plausible Role of Indian Traditional Medicine in Combating Corona Virus (SARS-CoV 2): A Mini-Review. <i>Current Pharmaceutical Biotechnology</i> , 2021, 22, 906-919.	1.6	21
20	The Impetus of COVID -19 in Multiple Organ Affliction Apart from Respiratory Infection: Pathogenesis, Diagnostic Measures and Current Treatment Strategy. <i>Infectious Disorders - Drug Targets</i> , 2021, 21, 514-526.	0.8	14
21	Trimethoxylated Halogenated Chalcones as Dual Inhibitors of MAO-B and BACE-1 for the Treatment of Neurodegenerative Disorders. <i>Pharmaceutics</i> , 2021, 13, 850.	4.5	22
22	Insights into an Immunotherapeutic Approach to Combat Multidrug Resistance in Hepatocellular Carcinoma. <i>Pharmaceutics</i> , 2021, 14, 656.	3.8	14
23	Anti-VEGF Mediated Immunomodulatory Role of Phytochemicals: Scientific Exposition for Plausible HCC Treatment. <i>Current Drug Targets</i> , 2021, 22, 1288-1316.	2.1	15
24	Mucus targeting as a plausible approach to improve lung function in COVID-19 patients. <i>Medical Hypotheses</i> , 2021, 156, 110680.	1.5	13
25	Harnessing the immune system against cancer: current immunotherapy approaches and therapeutic targets. <i>Molecular Biology Reports</i> , 2021, 48, 8075-8095.	2.3	40
26	Halogenated Coumarin-Chalcones as Multifunctional Monoamine Oxidase-B and Butyrylcholinesterase Inhibitors. <i>ACS Omega</i> , 2021, 6, 28182-28193.	3.5	26
27	Replacement of Chalcone-Ethers with Chalcone-Thioethers as Potent and Highly Selective Monoamine Oxidase-B Inhibitors and Their Protein-Ligand Interactions. <i>Pharmaceutics</i> , 2021, 14, 1148.	3.8	7
28	Critical biomarkers of hepatocellular carcinoma in body fluids and gut microbiota. <i>World Journal of Gastrointestinal Oncology</i> , 2021, 13, 2219-2222.	2.0	0
29	Inevitable role of TGF- β 21 in progression of nonalcoholic fatty liver disease. <i>Journal of Receptor and Signal Transduction Research</i> , 2020, 40, 195-200.	2.5	43
30	Evaluation of Kaempferol as AKT Dependent mTOR Regulator via Targeting FKBP-12 in Hepatocellular Carcinoma: An In silico Approach. <i>Letters in Drug Design and Discovery</i> , 2020, 17, 1401-1408.	0.7	7
31	Kaempferol-Mediated Sensitization Enhances Chemotherapeutic Efficacy of Sorafenib Against Hepatocellular Carcinoma: An <i>In Silico</i> and <i>In Vitro</i> Approach. <i>Advanced Pharmaceutical Bulletin</i> , 2020, 10, 472-476.	1.4	24
32	In Vitro Evaluation of the Antioxidant, 3,5-Dihydroxy-4-ethyl-trans-stilbene (DETS) Isolated from <i>Bacillus cereus</i> as a Potent Candidate against Malignant Melanoma. <i>Frontiers in Microbiology</i> , 2016, 7, 452.	3.5	4
33	Evaluation of uttroside B, a saponin from <i>Solanum nigrum</i> Linn, as a promising chemotherapeutic agent against hepatocellular carcinoma. <i>Scientific Reports</i> , 2016, 6, 36318.	3.3	28
34	DW-F5: A novel formulation against malignant melanoma from <i>Wrightia tinctoria</i> . <i>Scientific Reports</i> , 2015, 5, 11107.	3.3	18
35	Kaempferide, the most active among the four flavonoids isolated and characterized from <i>Chromolaena odorata</i> , induces apoptosis in cervical cancer cells while being pharmacologically safe. <i>RSC Advances</i> , 2015, 5, 100912-100922.	3.6	51
36	[6]-Gingerol Induces Caspase-Dependent Apoptosis and Prevents PMA-Induced Proliferation in Colon Cancer Cells by Inhibiting MAPK/AP-1 Signaling. <i>PLoS ONE</i> , 2014, 9, e104401.	2.5	111

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37	Cytotoxicity studies of semi-synthetic derivatives of theveside derived from the aqueous extract of leaves of "suicide tree" Cerbera odollam. Natural Product Research, 2014, 28, 1507-1512.	1.8	2
38	Synthesis of piperazinyl benzothiazole/benzoxazole derivatives coupled with 1,3,4-oxadiazole-2-thiol: novel hybrid heterocycles as anticancer agents. Medicinal Chemistry Research, 2013, 22, 4980-4991.	2.4	21
39	Blockade of Uttroside B-Induced Autophagic Pro-Survival Signals Augments its Chemotherapeutic Efficacy Against Hepatocellular Carcinoma. SSRN Electronic Journal, 0, , .	0.4	0