

Lekshmi R Nath

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	[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
2	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
3	Inevitable role of TGF- β 1 in progression of nonalcoholic fatty liver disease. <i>Journal of Receptor and Signal Transduction Research</i> , 2020, 40, 195-200.	2.5	43
4	Harnessing the immune system against cancer: current immunotherapy approaches and therapeutic targets. <i>Molecular Biology Reports</i> , 2021, 48, 8075-8095.	2.3	40
5	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
6	Halogenated Coumarin α -Chalcones as Multifunctional Monoamine Oxidase-B and Butyrylcholinesterase Inhibitors. <i>ACS Omega</i> , 2021, 6, 28182-28193.	3.5	26
7	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
8	Cogent role of flavonoids as key orchestrators of chemoprevention of hepatocellular carcinoma: A review. <i>Journal of Food Biochemistry</i> , 2021, 45, e13761.	2.9	22
9	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
10	Synthesis of piperazinyl benzothiazole/benzoxazole derivatives coupled with 1,3,4-oxadiazole-2-thiol: novel hybrid heterocycles as anticancer agents. <i>Medicinal Chemistry Research</i> , 2013, 22, 4980-4991.	2.4	21
11	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
12	Curry versus cancer: Potential of some selected culinary spices against cancer with in vitro, in vivo, and human trials evidences. <i>Journal of Food Biochemistry</i> , 2021, 45, e13285.	2.9	20
13	DW-F5: A novel formulation against malignant melanoma from <i>Wrightia tinctoria</i> . <i>Scientific Reports</i> , 2015, 5, 11107.	3.3	18
14	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
15	MUC Glycoproteins: Potential Biomarkers and Molecular Targets for Cancer Therapy. <i>Current Cancer Drug Targets</i> , 2021, 21, 132-152.	1.6	14
16	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
17	Insights into an Immunotherapeutic Approach to Combat Multidrug Resistance in Hepatocellular Carcinoma. <i>Pharmaceutics</i> , 2021, 14, 656.	3.8	14
18	Mucus targeting as a plausible approach to improve lung function in COVID-19 patients. <i>Medical Hypotheses</i> , 2021, 156, 110680.	1.5	13

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19	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
20	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
21	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
22	Evaluation of Kaempferol as AKT Dependent mTOR Regulator via Targeting FKBP-12 in Hepatocellular Carcinoma: An In silico Approach. Letters in Drug Design and Discovery, 2020, 17, 1401-1408.	0.7	7
23	Replacement of Chalcone-Ethers with Chalcone-Thioethers as Potent and Highly Selective Monoamine Oxidase-B Inhibitors and Their Protein-Ligand Interactions. Pharmaceuticals, 2021, 14, 1148.	3.8	7
24	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
25	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
26	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
27	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
28	In Vitro Evaluation of the Antioxidant, 3,5-Dihydroxy-4-ethyl-trans-stilbene (DETS) Isolated from Bacillus cereus as a Potent Candidate against Malignant Melanoma. Frontiers in Microbiology, 2016, 7, 452.	3.5	4
29	Augmented Efficacy of Uttroside B over Sorafenib in a Murine Model of Human Hepatocellular Carcinoma. Pharmaceuticals, 2022, 15, 636.	3.8	4
30	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
31	Biology, Significance and Immune Signaling of Mucin 1 in Hepatocellular Carcinoma. Current Cancer Drug Targets, 2022, 22, 725-740.	1.6	3
32	Cytotoxicity studies of semi-synthetic derivatives of theseside derived from the aqueous extract of leaves of "suicide tree" Cerbera odollam. Natural Product Research, 2014, 28, 1507-1512.	1.8	2
33	Decoding the Mechanism of Drugs of Heterocyclic Nature against Hepatocellular Carcinoma. Anti-Cancer Agents in Medicinal Chemistry, 2023, 23, 882-893.	1.7	2
34	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
35	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
36	Blockade of Uttroside B-Induced Autophagic Pro-Survival Signals Augments its Chemotherapeutic Efficacy Against Hepatocellular Carcinoma. SSRN Electronic Journal, 0, , .	0.4	0

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37	Critical biomarkers of hepatocellular carcinoma in body fluids and gut microbiota. World Journal of Gastrointestinal Oncology, 2021, 13, 2219-2222.	2.0	0
38	Evaluation of the Nimbamrithadhi Panchathiktha Kashayam against SARS CoV-2 based on Network Pharmacology and Molecular Docking analysis. Combinatorial Chemistry and High Throughput Screening, 2022, 25, .	1.1	0
39	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