

Kumaravel Mohankumar

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

607
citations

623734

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642732

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all docs

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852
citing authors

#	ARTICLE	IF	CITATIONS
1	Antiproliferative and Apoptotic Effects of <i>Sesbania grandiflora</i> Leaves in Human Cancer Cells. <i>BioMed Research International</i> , 2014, 2014, 1-11.	1.9	73
2	Mechanism of apoptotic induction in human breast cancer cell, MCF-7, by an analog of curcumin in comparison with curcumin – An in vitro and in silico approach. <i>Chemico-Biological Interactions</i> , 2014, 210, 51-63.	4.0	47
3	Flavonoids: structure–function and mechanisms of action and opportunities for drug development. <i>Toxicological Research</i> , 2021, 37, 147-162.	2.1	44
4	BDMC-A, an analog of curcumin, inhibits markers of invasion, angiogenesis, and metastasis in breast cancer cells via NF- κ B pathway – A comparative study with curcumin. <i>Biomedicine and Pharmacotherapy</i> , 2015, 74, 178-186.	5.6	29
5	Anti-proliferative and apoptosis-triggering potential of disulfiram and disulfiram-loaded polysorbate 80-stabilized PLGA nanoparticles on hepatocellular carcinoma Hep3B cell line. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016, 12, 1641-1650.	3.3	27
6	TGF β ² -Induced Lung Cancer Cell Migration Is NR4A1-Dependent. <i>Molecular Cancer Research</i> , 2018, 16, 1991-2002.	3.4	27
7	Apoptosis induction by an analog of curcumin (BDMC-A) in human laryngeal carcinoma cells through intrinsic and extrinsic pathways. <i>Cellular Oncology (Dordrecht)</i> , 2014, 37, 439-454.	4.4	25
8	A Bis-Indole–Derived NR4A1 Antagonist Induces PD-L1 Degradation and Enhances Antitumor Immunity. <i>Cancer Research</i> , 2020, 80, 1011-1023.	0.9	25
9	Neuroprotective effect of <i>Valeriana wallichii</i> rhizome extract against the neurotoxin MPTP in C57BL/6 mice. <i>NeuroToxicology</i> , 2015, 51, 172-183.	3.0	24
10	Potent inhibition of breast cancer by bis-indole-derived nuclear receptor 4A1 (NR4A1) antagonists. <i>Breast Cancer Research and Treatment</i> , 2019, 177, 29-40.	2.5	24
11	Flavonoids kaempferol and quercetin are nuclear receptor 4A1 (NR4A1, Nur77) ligands and inhibit rhabdomyosarcoma cell and tumor growth. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 392.	8.6	24
12	Impact of Genetic Variations in HIV-1 Tat on LTR-Mediated Transcription via TAR RNA Interaction. <i>Frontiers in Microbiology</i> , 2017, 8, 706.	3.5	22
13	Reactive Oxygen Species (ROS)-Inducing Triterpenoid Inhibits Rhabdomyosarcoma Cell and Tumor Growth through Targeting Sp Transcription Factors. <i>Molecular Cancer Research</i> , 2019, 17, 794-805.	3.4	22
14	Orphan nuclear receptor 4A1 (NR4A1) and novel ligands. <i>Essays in Biochemistry</i> , 2021, 65, 877-886.	4.7	20
15	Nuclear receptor 4A2 (NR4A2) is a druggable target for glioblastomas. <i>Journal of Neuro-Oncology</i> , 2020, 146, 25-39.	2.9	18
16	Bis-Indole–Derived NR4A1 Ligands and Metformin Exhibit NR4A1-Dependent Glucose Metabolism and Uptake in C2C12 Cells. <i>Endocrinology</i> , 2018, 159, 1950-1963.	2.8	17
17	Nuclear receptor 4A1 (NR4A1) antagonists induce ROS-dependent inhibition of mTOR signaling in endometrial cancer. <i>Gynecologic Oncology</i> , 2019, 154, 218-227.	1.4	15
18	NR4A1 Ligands as Potent Inhibitors of Breast Cancer Cell and Tumor Growth. <i>Cancers</i> , 2021, 13, 2682.	3.7	15

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19	Inhibition of NR4A1 Promotes ROS Accumulation and IL24-Dependent Growth Arrest in Rhabdomyosarcoma. <i>Molecular Cancer Research</i> , 2019, 17, 2221-2232.	3.4	14
20	Genetic and functional characterization of HIV-1 Vif on APOBEC3G degradation: First report of emergence of B/C recombinants from North India. <i>Scientific Reports</i> , 2015, 5, 15438.	3.3	13
21	Interleukin-24 (IL24) Is Suppressed by PAX3-FOXO1 and Is a Novel Therapy for Rhabdomyosarcoma. <i>Molecular Cancer Therapeutics</i> , 2018, 17, 2756-2766.	4.1	13
22	Synthetic curcumin analog: inhibiting the invasion, angiogenesis, and metastasis in human laryngeal carcinoma cells via NF- κ B pathway. <i>Molecular Biology Reports</i> , 2021, 48, 6065-6074.	2.3	13
23	Bis-Indoleâ€“Derived Nuclear Receptor 4A1 (NR4A1, Nur77) Ligands as Inhibitors of Endometriosis. <i>Endocrinology</i> , 2020, 161, .	2.8	12
24	Genetic Polymorphisms in the Open Reading Frame of the CCR5 gene From HIV-1 Seronegative and Seropositive Individuals From National Capital Regions of India. <i>Scientific Reports</i> , 2019, 9, 7594.	3.3	8
25	Indole Curcumin Reverses Multidrug Resistance by Reducing the Expression of ABCB1 and COX2 in Induced Multidrug Resistant Human Lung Cancer Cells. <i>Letters in Drug Design and Discovery</i> , 2020, 17, 1146-1154.	0.7	8
26	Hypoglycaemic role of wheatgrass and its effect on carbohydrate metabolic enzymes in type II diabetic rats. <i>Toxicology and Industrial Health</i> , 2016, 32, 1026-1032.	1.4	7
27	The Histone Methyltransferase Gene G9A Is Regulated by Nuclear Receptor 4A1 in Alveolar Rhabdomyosarcoma Cells. <i>Molecular Cancer Therapeutics</i> , 2021, 20, 612-622.	4.1	7
28	Transcription factors specificity protein and nuclear receptor 4A1 in pancreatic cancer. <i>World Journal of Gastroenterology</i> , 2021, 27, 6387-6398.	3.3	6
29	Nuclear receptor 4A1 (NR4A1) antagonists target paraspeckle component 1 (PSPC1) in cancer cells. <i>Molecular Carcinogenesis</i> , 2022, 61, 73-84.	2.7	5
30	Bis-indole derived nuclear receptor 4A1 (NR4A1) antagonists inhibit TGF β ² -induced invasion of embryonal rhabdomyosarcoma cells. <i>American Journal of Cancer Research</i> , 2020, 10, 2495-2509.	1.4	3