Muralidharan Jayaraman

List of Publications by Year
in descending order

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Version: 2024-02-01

33 papers	1,077 citations	430754 18 h-index	454834 30 g-index
33 all docs	33 docs citations	33 times ranked	1561 citing authors

#	Article	IF	Citations
1	Chemical sensing of DNT by engineered olfactory yeast strain. Nature Chemical Biology, 2007, 3, 325-330.	3.9	126
2	MICU1 drives glycolysis and chemoresistance in ovarian cancer. Nature Communications, 2017, 8, 14634.	5.8	118
3	Molecular and serum markers in hepatocellular carcinoma: Predictive tools for prognosis and recurrence. Critical Reviews in Oncology/Hematology, 2012, 82, 116-140.	2.0	73
4	Ovarian cancer cell-derived lysophosphatidic acid induces glycolytic shift and cancer-associated fibroblast-phenotype in normal and peritumoral fibroblasts. Cancer Letters, 2019, 442, 464-474.	3.2	70
5	R7BP Augments the Function of RGS7Â·GÎ²5 Complexes by a Plasma Membrane-targeting Mechanism. Journal of Biological Chemistry, 2006, 281, 28222-28231.	1.6	69
6	R9AP and R7BP: traffic cops for the RGS7 family in phototransduction and neuronal GPCR signaling. Trends in Pharmacological Sciences, 2009, 30, 17-24.	4.0	62
7	Physicochemical analyses of the exopolysaccharides produced by a marine biofouling bacterium, Vibrio alginolyticus. Process Biochemistry, 2003, 38, 841-847.	1.8	61
8	LPA Induces Metabolic Reprogramming in Ovarian Cancer via a Pseudohypoxic Response. Cancer Research, 2018, 78, 1923-1934.	0.4	61
9	Identification of novel diagnostic and prognostic miRNA signatures in endometrial cancer. Genes and Cancer, 2017, 8, 566-576.	0.6	59
10	Lysophosphatidic acid stimulates epithelial to mesenchymal transition marker Slug/Snail2 in ovarian cancer cells via GÎ±i2, Src, and HIF1Î± signaling nexus. Oncotarget, 2016, 7, 37664-37679.	0.8	44
11	Mitogenic signaling by lysophosphatidic acid (LPA) involves GÎ±12. Oncogene, 2005, 24, 4597-4603.	2.6	38
12	Postnatal induction and localization of R7BP, a membrane-anchoring protein for regulator of G protein signaling 7 family-GÎ²5 complexes in brain. Neuroscience, 2008, 151, 969-982.	1.1	37
13	Lysophosphatidic Acid Stimulates the Proliferation of Ovarian Cancer Cells via the gep Proto-Oncogene GÂ12. Genes and Cancer, 2011, 2, 563-575.	0.6	33
14	LPA-mediated migration of ovarian cancer cells involves translocalization of GÎ±i2 to invadopodia and association with Src and Î²-pix. Cancer Letters, 2015, 356, 382-391.	3.2	33
15	Chemopreventive and Anticancer Effects of Thymoquinone: Cellular and Molecular Targets. Journal of Cancer Prevention, 2020, 25, 136-151.	0.8	27
16	The gep Proto-Oncogene GÎ±13 Mediates Lysophosphatidic Acid-Mediated Migration of Pancreatic Cancer Cells. Pancreas, 2013, 42, 819-828.	0.5	22
17	Hax-1 is required for Rac1-Cortactin interaction and ovarian carcinoma cell migration. Genes and Cancer, 2014, 5, 84-99.	0.6	22
18	GÂ12/13 inhibition enhances the anticancer effect of bortezomib through PSMB5 downregulation. Carcinogenesis, 2010, 31, 1230-1237.	1.3	21

#	Article	IF	Citations
19	Aberrant expression of JNK-associated leucine-zipper protein, JLP, promotes accelerated growth of ovarian cancer. Oncotarget, 2016, 7, 72845-72859.	0.8	13
20	Differential effects of thymoquinone on lysophosphatidic acid-induced oncogenic pathways in ovarian cancer cells. Journal of Traditional and Complementary Medicine, 2020, 10, 207-216.	1.5	13
21	Transition from androgenic to neurosteroidal action of 5Î±-androstane-3Î±, 17Î²-diol through the type A Î³-aminobutyric acid receptor in prostate cancer progression. Journal of Steroid Biochemistry and Molecular Biology, 2018, 178, 89-98.	1.2	12
22	Determinant role for the gep oncogenes, GÎ±12/13, in ovarian cancer cell proliferation and xenograft tumor growth. Genes and Cancer, 2015, 6, 356-364.	0.6	11
23	Changes in esterases in response to blast infection in fingermillet seedlings. Phytochemistry, 1996, 43, 1151-1155.	1.4	10
24	Engineered Saccharomyces cerevisiae Strain BioS-OS1/2, for the Detection of Oxidative Stress. Biotechnology Progress, 2005, 21, 1373-1379.	1.3	9
25	Droplet digital PCR as an alternative to FISH for MYCN amplification detection in human neuroblastoma FFPE samples. BMC Cancer, 2019, 19, 106.	1.1	8
26	GNAi2/gip2-Regulated Transcriptome and Its Therapeutic Significance in Ovarian Cancer. Biomolecules, 2021, 11, 1211.	1.8	8
27	Unraveling Autocrine Signaling Pathways through Metabolic Fingerprinting in Serous Ovarian Cancer Cells. Biomedicines, 2021, 9, 1927.	1.4	7
28	Heterologous Expression of Olfactory Receptors for Targeted Chemosensing. Annals of the New York Academy of Sciences, 2009, 1170, 157-160.	1.8	6
29	Identification of GNA12â€‘driven gene signatures and key signaling networks in ovarian cancer. Oncology Letters, 2021, 22, 719.	0.8	3
30	Circulating Tumor Cell-Free DNA Genes as Prognostic Gene Signature for Platinum Resistant Ovarian Cancer Diagnosis. Biomarker Insights, 2022, 17, 117727192210884.	1.0	1
31	Abstract 31: Metabolic reprogramming in ovarian cancer. , 2016, , .		0
32	Abstract 5426: LPA stimulates glycolytic shift in ovarian cancer. , 2017, , .		0
33	Abstract 2082: High-throughput droplet digital PCR for MYCN amplification detection in FFPE neuroblastoma samples: Cost-effective, rapid, feasible, and reliable alternative to FISH. , 2018, , .		0