

Muralidharan Jayaraman

List of Publications by Year in descending order

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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	Circulating Tumor Cell-Free DNA Genes as Prognostic Gene Signature for Platinum Resistant Ovarian Cancer Diagnosis. Biomarker Insights, 2022, 17, 117727192210884.	1.0	1
2	Identification of GNAI2-driven gene signatures and key signaling networks in ovarian cancer. Oncology Letters, 2021, 22, 719.	0.8	3
3	GNAI2/gip2-Regulated Transcriptome and Its Therapeutic Significance in Ovarian Cancer. Biomolecules, 2021, 11, 1211.	1.8	8
4	Unraveling Autocrine Signaling Pathways through Metabolic Fingerprinting in Serous Ovarian Cancer Cells. Biomedicines, 2021, 9, 1927.	1.4	7
5	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
6	Chemopreventive and Anticancer Effects of Thymoquinone: Cellular and Molecular Targets. Journal of Cancer Prevention, 2020, 25, 136-151.	0.8	27
7	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
8	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
9	LPA Induces Metabolic Reprogramming in Ovarian Cancer via a Pseudohypoxic Response. Cancer Research, 2018, 78, 1923-1934.	0.4	61
10	Transition from androgenic to neurosteroidal action of 5 α -androstane-3 β , 17 β -diol through the type A β -aminobutyric acid receptor in prostate cancer progression. Journal of Steroid Biochemistry and Molecular Biology, 2018, 178, 89-98.	1.2	12
11	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
12	MICU1 drives glycolysis and chemoresistance in ovarian cancer. Nature Communications, 2017, 8, 14634.	5.8	118
13	Identification of novel diagnostic and prognostic miRNA signatures in endometrial cancer. Genes and Cancer, 2017, 8, 566-576.	0.6	59
14	Abstract 5426: LPA stimulates glycolytic shift in ovarian cancer. , 2017, , .		0
15	Aberrant expression of JNK-associated leucine-zipper protein, JLP, promotes accelerated growth of ovarian cancer. Oncotarget, 2016, 7, 72845-72859.	0.8	13
16	Lysophosphatidic acid stimulates epithelial to mesenchymal transition marker Slug/Snail2 in ovarian cancer cells via G1 α 2, Src, and HIF1 α signaling nexus. Oncotarget, 2016, 7, 37664-37679.	0.8	44
17	Abstract 31: Metabolic reprogramming in ovarian cancer. , 2016, , .		0
18	LPA-mediated migration of ovarian cancer cells involves translocalization of G1 α 2 to invadopodia and association with Src and β -pix. Cancer Letters, 2015, 356, 382-391.	3.2	33

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19	Determinant role for the gep oncogenes, G α 12/13, in ovarian cancer cell proliferation and xenograft tumor growth. <i>Genes and Cancer</i> , 2015, 6, 356-364.	0.6	11
20	Hax-1 is required for Rac1-Cortactin interaction and ovarian carcinoma cell migration. <i>Genes and Cancer</i> , 2014, 5, 84-99.	0.6	22
21	The gep Proto-Oncogene G α 13 Mediates Lysophosphatidic Acid-Mediated Migration of Pancreatic Cancer Cells. <i>Pancreas</i> , 2013, 42, 819-828.	0.5	22
22	Molecular and serum markers in hepatocellular carcinoma: Predictive tools for prognosis and recurrence. <i>Critical Reviews in Oncology/Hematology</i> , 2012, 82, 116-140.	2.0	73
23	Lysophosphatidic Acid Stimulates the Proliferation of Ovarian Cancer Cells via the gep Proto-Oncogene G α 12. <i>Genes and Cancer</i> , 2011, 2, 563-575.	0.6	33
24	G α 12/13 inhibition enhances the anticancer effect of bortezomib through PSMB5 downregulation. <i>Carcinogenesis</i> , 2010, 31, 1230-1237.	1.3	21
25	Heterologous Expression of Olfactory Receptors for Targeted Chemosensing. <i>Annals of the New York Academy of Sciences</i> , 2009, 1170, 157-160.	1.8	6
26	R9AP and R7BP: traffic cops for the RGS7 family in phototransduction and neuronal GPCR signaling. <i>Trends in Pharmacological Sciences</i> , 2009, 30, 17-24.	4.0	62
27	Postnatal induction and localization of R7BP, a membrane-anchoring protein for regulator of G protein signaling 7 family-G α 25 complexes in brain. <i>Neuroscience</i> , 2008, 151, 969-982.	1.1	37
28	Chemical sensing of DNT by engineered olfactory yeast strain. <i>Nature Chemical Biology</i> , 2007, 3, 325-330.	3.9	126
29	R7BP Augments the Function of RGS7-G α 25 Complexes by a Plasma Membrane-targeting Mechanism. <i>Journal of Biological Chemistry</i> , 2006, 281, 28222-28231.	1.6	69
30	Engineered <i>Saccharomyces cerevisiae</i> Strain BioS-OS1/2, for the Detection of Oxidative Stress. <i>Biotechnology Progress</i> , 2005, 21, 1373-1379.	1.3	9
31	Mitogenic signaling by lysophosphatidic acid (LPA) involves G α 12. <i>Oncogene</i> , 2005, 24, 4597-4603.	2.6	38
32	Physicochemical analyses of the exopolysaccharides produced by a marine biofouling bacterium, <i>Vibrio alginolyticus</i> . <i>Process Biochemistry</i> , 2003, 38, 841-847.	1.8	61
33	Changes in esterases in response to blast infection in finger millet seedlings. <i>Phytochemistry</i> , 1996, 43, 1151-1155.	1.4	10