

Karuppaiyah Selvendiran

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,850
citations

318942

23
h-index

511568

30
g-index

30
all docs

30
docs citations

30
times ranked

3233
citing authors

#	ARTICLE	IF	CITATIONS
1	Oncolytic HSV Therapy Modulates Vesicular Trafficking Inducing Cisplatin Sensitivity and Antitumor Immunity. <i>Clinical Cancer Research</i> , 2021, 27, 542-553.	3.2	14
2	Inhibition of ALDH1A1 Activity in Cisplatin-Resistant Ovarian Cancer Cells Alters Their Cancer Stemness, Cell Cycle Profile and Mitochondrial Respiration Rate. <i>Journal of the Endocrine Society</i> , 2021, 5, A1023-A1024.	0.1	1
3	Aberrant expression of TMEM205 signaling promotes platinum resistance in ovarian cancer: An implication for the antitumor potential of DAP compound. <i>Gynecologic Oncology</i> , 2021, , .	0.6	3
4	HIF-transcribed p53 chaperones HIF-1 α . <i>Nucleic Acids Research</i> , 2019, 47, 10212-10234.	6.5	43
5	A Microfluidic Chip Enables Isolation of Exosomes and Establishment of Their Protein Profiles and Associated Signaling Pathways in Ovarian Cancer. <i>Cancer Research</i> , 2019, 79, 3503-3513.	0.4	72
6	Hypoxia-induced exosomes contribute to a more aggressive and chemoresistant ovarian cancer phenotype: a novel mechanism linking STAT3/Rab proteins. <i>Oncogene</i> , 2018, 37, 3806-3821.	2.6	215
7	<i>STAT3/PIAS3</i> Levels Serve as "Early Signature" Genes in the Development of High-Grade Serous Carcinoma from the Fallopian Tube. <i>Cancer Research</i> , 2018, 78, 1739-1750.	0.4	18
8	Elevated STAT3 expression in ovarian cancer ascites promotes invasion and metastasis: a potential therapeutic target. <i>Oncogene</i> , 2017, 36, 168-181.	2.6	99
9	Targeting STAT3 by HO3867 induces apoptosis in ovarian clear cell carcinoma. <i>International Journal of Cancer</i> , 2017, 141, 1856-1866.	2.3	25
10	High Glucose-Mediated STAT3 Activation in Endometrial Cancer Is Inhibited by Metformin: Therapeutic Implications for Endometrial Cancer. <i>PLoS ONE</i> , 2017, 12, e0170318.	1.1	30
11	The biological significance and clinical applications of exosomes in ovarian cancer. <i>Gynecologic Oncology</i> , 2016, 142, 199-205.	0.6	66
12	Anticancer potential of diarylidenyl piperidone derivatives, HO-4200 and H-4318, in cisplatin resistant primary ovarian cancer. <i>Cancer Biology and Therapy</i> , 2016, 17, 1107-1115.	1.5	15
13	Aberrantly activated pSTAT3-Ser727 in human endometrial cancer is suppressed by HO-3867, a novel STAT3 inhibitor. <i>Gynecologic Oncology</i> , 2014, 135, 133-141.	0.6	20
14	Bortezomib-Induced Unfolded Protein Response Increases Oncolytic HSV-1 Replication Resulting in Synergistic Antitumor Effects. <i>Clinical Cancer Research</i> , 2014, 20, 3787-3798.	3.2	61
15	HO-3867, a Safe STAT3 Inhibitor, Is Selectively Cytotoxic to Ovarian Cancer. <i>Cancer Research</i> , 2014, 74, 2316-2327.	0.4	71
16	Targeting constitutively-activated STAT3 in hypoxic ovarian cancer, using a novel STAT3 inhibitor. <i>Oncoscience</i> , 2014, 1, 216-228.	0.9	33
17	Safe and targeted anticancer therapy for ovarian cancer using a novel class of curcumin analogs. <i>Journal of Ovarian Research</i> , 2013, 6, 35.	1.3	20
18	HO-3867, a STAT3 inhibitor induces apoptosis by inactivation of STAT3 activity in BRCA1-mutated ovarian cancer cells. <i>Cancer Biology and Therapy</i> , 2012, 13, 766-775.	1.5	39

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19	HO-3867, a curcumin analog, sensitizes cisplatin-resistant ovarian carcinoma, leading to therapeutic synergy through STAT3 inhibition. <i>Cancer Biology and Therapy</i> , 2011, 12, 837-845.	1.5	64
20	Safe and targeted anticancer efficacy of a novel class of antioxidant-conjugated difluorodiarlylidenyl piperidones: Differential cytotoxicity in healthy and cancer cells. <i>Free Radical Biology and Medicine</i> , 2010, 48, 1228-1235.	1.3	63
21	Oxygenation inhibits ovarian tumor growth by down-regulating STAT3 and cyclin-D1 expressions. <i>Cancer Biology and Therapy</i> , 2010, 10, 386-390.	1.5	36
22	Cellular uptake, retention and bioabsorption of HO-3867, a fluorinated curcumin analog with potential antitumor properties. <i>Cancer Biology and Therapy</i> , 2010, 10, 1027-1032.	1.5	39
23	Hypoxic preconditioning induces the expression of prosurvival and proangiogenic markers in mesenchymal stem cells. <i>American Journal of Physiology - Cell Physiology</i> , 2010, 299, C1562-C1570.	2.1	166
24	Anticancer Efficacy of a Difluorodiarlylidenyl Piperidone (HO-3867) in Human Ovarian Cancer Cells and Tumor Xenografts. <i>Molecular Cancer Therapeutics</i> , 2010, 9, 1169-1179.	1.9	72
25	HO-3867, a Synthetic Compound, Inhibits the Migration and Invasion of Ovarian Carcinoma Cells through Downregulation of Fatty Acid Synthase and Focal Adhesion Kinase. <i>Molecular Cancer Research</i> , 2010, 8, 1188-1197.	1.5	54
26	Inhibition of Vascular Smooth-Muscle Cell Proliferation and Arterial Restenosis by HO-3867, a Novel Synthetic Curcuminoid, through Up-Regulation of PTEN Expression. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009, 329, 959-966.	1.3	41
27	Hypoxia induces chemoresistance in ovarian cancer cells by activation of signal transducer and activator of transcription 3. <i>International Journal of Cancer</i> , 2009, 125, 2198-2204.	2.3	111
28	NCX-4016, a nitro-derivative of aspirin, inhibits EGFR and STAT3 signaling and modulates Bcl-2 proteins in cisplatin-resistant human ovarian cancer cells and xenografts. <i>Cell Cycle</i> , 2008, 7, 81-88.	1.3	48
29	EF24 Induces G2/M Arrest and Apoptosis in Cisplatin-resistant Human Ovarian Cancer Cells by Increasing PTEN Expression. <i>Journal of Biological Chemistry</i> , 2007, 282, 28609-28618.	1.6	123
30	Luteolin Promotes Degradation in Signal Transducer and Activator of Transcription 3 in Human Hepatoma Cells: An Implication for the Antitumor Potential of Flavonoids. <i>Cancer Research</i> , 2006, 66, 4826-4834.	0.4	188