

Laura Senovilla

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

8,568
citations

53794

45
h-index

66911

78
g-index

81
all docs

81
docs citations

81
times ranked

14849
citing authors

#	ARTICLE	IF	CITATIONS
1	Consensus guidelines for the detection of immunogenic cell death. <i>Oncolmmunology</i> , 2014, 3, e955691.	4.6	686
2	The secret ally: immunostimulation by anticancer drugs. <i>Nature Reviews Drug Discovery</i> , 2012, 11, 215-233.	46.4	591
3	Regulation of Autophagy by Cytosolic Acetyl-Coenzyme A. <i>Molecular Cell</i> , 2014, 53, 710-725.	9.7	412
4	Caloric Restriction Mimetics Enhance Anticancer Immunosurveillance. <i>Cancer Cell</i> , 2016, 30, 147-160.	16.8	410
5	Classification of current anticancer immunotherapies. <i>Oncotarget</i> , 2014, 5, 12472-12508.	1.8	395
6	An Immunosurveillance Mechanism Controls Cancer Cell Ploidy. <i>Science</i> , 2012, 337, 1678-1684.	12.6	367
7	Immunogenic Tumor Cell Death for Optimal Anticancer Therapy: The Calreticulin Exposure Pathway. <i>Clinical Cancer Research</i> , 2010, 16, 3100-3104.	7.0	325
8	The IKK complex contributes to the induction of autophagy. <i>EMBO Journal</i> , 2010, 29, 619-631.	7.8	274
9	Natural and therapy-induced immunosurveillance in breast cancer. <i>Nature Medicine</i> , 2015, 21, 1128-1138.	30.7	268
10	miR-181a and miR-630 Regulate Cisplatin-Induced Cancer Cell Death. <i>Cancer Research</i> , 2010, 70, 1793-1803.	0.9	262
11	Cytoplasmic STAT3 Represses Autophagy by Inhibiting PKR Activity. <i>Molecular Cell</i> , 2012, 48, 667-680.	9.7	239
12	Chemotherapy induces ATP release from tumor cells. <i>Cell Cycle</i> , 2009, 8, 3723-3728.	2.6	233
13	Trial watch. <i>Oncolmmunology</i> , 2012, 1, 1323-1343.	4.6	203
14	Crizotinib-induced immunogenic cell death in non-small cell lung cancer. <i>Nature Communications</i> , 2019, 10, 1486.	12.8	189
15	Immunogenic cell death modalities and their impact on cancer treatment. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2009, 14, 364-375.	4.9	185
16	Crosstalk between ER stress and immunogenic cell death. <i>Cytokine and Growth Factor Reviews</i> , 2013, 24, 311-318.	7.2	177
17	Autophagic removal of micronuclei. <i>Cell Cycle</i> , 2012, 11, 170-176.	2.6	162
18	eIF2 γ phosphorylation is pathognomonic for immunogenic cell death. <i>Cell Death and Differentiation</i> , 2018, 25, 1375-1393.	11.2	162

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19	Multipolar mitosis of tetraploid cells: inhibition by p53 and dependency on Mos. EMBO Journal, 2010, 29, 1272-1284.	7.8	155
20	Trial watch. Oncolmmunology, 2013, 2, e23510.	4.6	153
21	Trial watch. Oncolmmunology, 2012, 1, 1111-1134.	4.6	152
22	Calcium signaling and cell cycle: Progression or death. Cell Calcium, 2018, 70, 3-15.	2.4	152
23	Cisplatin Resistance Associated with PARP Hyperactivation. Cancer Research, 2013, 73, 2271-2280.	0.9	143
24	Prognostic Impact of Vitamin B6 Metabolism in Lung Cancer. Cell Reports, 2012, 2, 257-269.	6.4	122
25	Screening of novel immunogenic cell death inducers within the NCI Mechanistic Diversity Set. Oncolmmunology, 2014, 3, e28473.	4.6	112
26	Improved Cellular Pharmacokinetics and Pharmacodynamics Underlie the Wide Anticancer Activity of Sagopilone. Cancer Research, 2008, 68, 5301-5308.	0.9	101
27	Surface-exposed calreticulin in the interaction between dying cells and phagocytes. Annals of the New York Academy of Sciences, 2010, 1209, 77-82.	3.8	97
28	eIF2 γ phosphorylation as a biomarker of immunogenic cell death. Seminars in Cancer Biology, 2015, 33, 86-92.	9.6	95
29	Trial watch. Oncolmmunology, 2013, 2, e23803.	4.6	92
30	Combined evaluation of LC3B puncta and HMGB1 expression predicts residual risk of relapse after adjuvant chemotherapy in breast cancer. Autophagy, 2015, 11, 1878-1890.	9.1	91
31	The presence of LC3B puncta and HMGB1 expression in malignant cells correlate with the immune infiltrate in breast cancer. Autophagy, 2016, 12, 864-875.	9.1	90
32	Immunogenic stress and death of cancer cells: Contribution of antigenicity vs adjuvanticity to immunosurveillance. Immunological Reviews, 2017, 280, 165-174.	6.0	82
33	Cell proliferation depends on mitochondrial Ca ²⁺ uptake: inhibition by salicylate. Journal of Physiology, 2006, 571, 57-73.	2.9	74
34	Immunoprophylactic and immunotherapeutic control of hormone receptor-positive breast cancer. Nature Communications, 2020, 11, 3819.	12.8	71
35	Inhibition of Chk1 Kills Tetraploid Tumor Cells through a p53-Dependent Pathway. PLoS ONE, 2007, 2, e1337.	2.5	67
36	Immunogenic cell death inducers as anticancer agents. Oncotarget, 2014, 5, 5190-5191.	1.8	67

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37	Viral subversion of immunogenic cell death. <i>Cell Cycle</i> , 2009, 8, 860-869.	2.6	60
38	Resveratrol and aspirin eliminate tetraploid cells for anticancer chemoprevention. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 3020-3025.	7.1	59
39	Synergistic interaction between cisplatin and PARP inhibitors in non-small cell lung cancer. <i>Cell Cycle</i> , 2013, 12, 877-883.	2.6	57
40	Immunosurveillance as a regulator of tissue homeostasis. <i>Trends in Immunology</i> , 2013, 34, 471-481.	6.8	50
41	The ratio of CD8 ⁺ /FOXP3 T lymphocytes infiltrating breast tissues predicts the relapse of ductal carcinoma <i>in situ</i> . <i>Oncolmmunology</i> , 2016, 5, e1218106.	4.6	50
42	Coffee induces autophagy in vivo. <i>Cell Cycle</i> , 2014, 13, 1987-1994.	2.6	49
43	Direct interaction between STAT3 and EIF2AK2 controls fatty acid-induced autophagy. <i>Autophagy</i> , 2013, 9, 415-417.	9.1	48
44	Selective killing of p53-deficient cancer cells by SP600125. <i>EMBO Molecular Medicine</i> , 2012, 4, 500-514.	6.9	47
45	IKK connects autophagy to major stress pathways. <i>Autophagy</i> , 2010, 6, 189-191.	9.1	46
46	Lurbinectedin synergizes with immune checkpoint blockade to generate anticancer immunity. <i>Oncolmmunology</i> , 2019, 8, e1656502.	4.6	45
47	Chk1 inhibition activates p53 through p38 MAPK in tetraploid cancer cells. <i>Cell Cycle</i> , 2008, 7, 1956-1961.	2.6	41
48	Preferential killing of tetraploid tumor cells by targeting the mitotic kinesin Eg5. <i>Cell Cycle</i> , 2009, 8, 1030-1035.	2.6	40
49	p53 represses the polyploidization of primary mammary epithelial cells by activating apoptosis. <i>Cell Cycle</i> , 2009, 8, 1380-1385.	2.6	38
50	Immunosurveillance against tetraploidization-induced colon tumorigenesis. <i>Cell Cycle</i> , 2013, 12, 473-479.	2.6	36
51	Suppression of tumor antigen presentation during aneuploid tumor evolution contributes to immune evasion. <i>Oncolmmunology</i> , 2019, 8, 1657374.	4.6	36
52	Impact of myeloid cells on the efficacy of anticancer chemotherapy. <i>Current Opinion in Immunology</i> , 2014, 30, 24-31.	5.5	35
53	Preferential killing of p53-deficient cancer cells by reversine. <i>Cell Cycle</i> , 2012, 11, 2149-2158.	2.6	34
54	Independent transcriptional reprogramming and apoptosis induction by cisplatin. <i>Cell Cycle</i> , 2012, 11, 3472-3480.	2.6	32

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55	Analgesic, Anti-Inflammatory and Anticancer Activities of Extra Virgin Olive Oil. <i>Journal of Lipids</i> , 2013, 1-7.	4.8	32
56	Karyotypic Aberrations in Oncogenesis and Cancer Therapy. <i>Trends in Cancer</i> , 2015, 1, 124-135.	7.4	28
57	Immunostimulatory activity of lifespan-extending agents. <i>Aging</i> , 2013, 5, 793-801.	3.1	27
58	Vitamin B6 metabolism influences the intracellular accumulation of cisplatin. <i>Cell Cycle</i> , 2013, 12, 417-421.	2.6	26
59	Inhibition of formyl peptide receptor 1 reduces the efficacy of anticancer chemotherapy against carcinogen-induced breast cancer. <i>Oncolmmunology</i> , 2016, 5, e1139275.	4.6	21
60	An anticancer therapy-elicited immunosurveillance system that eliminates tetraploid cells. <i>Oncolmmunology</i> , 2013, 2, e22409.	4.6	20
61	Prognostic value of LIPC in non-small cell lung carcinoma. <i>Cell Cycle</i> , 2013, 12, 647-654.	2.6	16
62	Vitamin B6 improves the immunogenicity of cisplatin-induced cell death. <i>Oncolmmunology</i> , 2014, 3, e955685.	4.6	16
63	Immune effectors responsible for the elimination of hyperploid cancer cells. <i>Oncolmmunology</i> , 2018, 7, e1463947.	4.6	14
64	Morphometric analysis of immunoselection against hyperploid cancer cells. <i>Oncotarget</i> , 2015, 6, 41204-41215.	1.8	13
65	Biomarkers of immunogenic stress in metastases from melanoma patients: Correlations with the immune infiltrate. <i>Oncolmmunology</i> , 2016, 5, e1160193.	4.6	11
66	Positive impact of autophagy in human breast cancer cells on local immunosurveillance. <i>Oncolmmunology</i> , 2016, 5, e1174801.	4.6	10
67	Immunosurveillance against cancer-associated hyperploidy. <i>Oncotarget</i> , 2012, 3, 1270-1271.	1.8	10
68	Everolimus and plicamycin specifically target chemoresistant colorectal cancer cells of the CMS4 subtype. <i>Cell Death and Disease</i> , 2021, 12, 978.	6.3	9
69	Involvement of p38 β in the mitotic progression of <i>p53</i> ^{-/-} tetraploid cells. <i>Cell Cycle</i> , 2010, 9, 2895-2901.	2.6	8
70	Image Cytofluorometry for the Quantification of Ploidy and Endoplasmic Reticulum Stress in Cancer Cells. <i>Methods in Molecular Biology</i> , 2017, 1524, 53-64.	0.9	8
71	Immunological control of cell cycle aberrations for the avoidance of oncogenesis: the case of tetraploidy. <i>Annals of the New York Academy of Sciences</i> , 2013, 1284, 57-61.	3.8	7
72	Paradoxical implication of BAX/BAK in the persistence of tetraploid cells. <i>Cell Death and Disease</i> , 2021, 12, 1039.	6.3	7

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73	Tetraploid cancer cell precursors in ovarian carcinoma. <i>Cell Cycle</i> , 2012, 11, 3157-3158.	2.6	6
74	In vivo depletion of T lymphocyte-specific transcription factors by RNA interference. <i>Cell Cycle</i> , 2010, 9, 2902-2907.	2.6	5
75	In Vivo Imaging of Orthotopic Lung Cancer Models in Mice. <i>Methods in Molecular Biology</i> , 2021, 2279, 199-212.	0.9	5
76	Cytofluorometric Purification of Diploid and Tetraploid Cancer Cells. <i>Methods in Molecular Biology</i> , 2011, 761, 47-63.	0.9	5
77	Clonogenic Assays to Detect Cell Fate in Mitotic Catastrophe. <i>Methods in Molecular Biology</i> , 2021, 2267, 227-239.	0.9	3
78	Quantification of eIF2 γ Phosphorylation Associated with Mitotic Catastrophe by Immunofluorescence Microscopy. <i>Methods in Molecular Biology</i> , 2021, 2267, 217-226.	0.9	2
79	Prognostic Impact of Vitamin B6 Metabolism in Lung Cancer. <i>Cell Reports</i> , 2012, 2, 1472.	6.4	0
80	Chemosensitization strategies for the treatment of lung cancer. <i>Oncoscience</i> , 2015, 2, 833-834.	2.2	0