

# Sophie Vasseur

## List of Publications by Year in descending order

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63  
papers

4,240  
citations

109321

35  
h-index

138484

58  
g-index

65  
all docs

65  
docs citations

65  
times ranked

5954  
citing authors

#	ARTICLE	IF	CITATIONS
1	Strengthened glycolysis under hypoxia supports tumor symbiosis and hexosamine biosynthesis in pancreatic adenocarcinoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 3919-3924.	7.1	359
2	Cholesterol uptake disruption, in association with chemotherapy, is a promising combined metabolic therapy for pancreatic adenocarcinoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 2473-2478.	7.1	310
3	Collagen-derived proline promotes pancreatic ductal adenocarcinoma cell survival under nutrient limited conditions. <i>Nature Communications</i> , 2017, 8, 16031.	12.8	299
4	Cloning and Expression of the Rat p8 cDNA, a New Gene Activated in Pancreas during the Acute Phase of Pancreatitis, Pancreatic Development, and Regeneration, and Which Promotes Cellular Growth. <i>Journal of Biological Chemistry</i> , 1997, 272, 32360-32369.	3.4	195
5	DJ-1/PARK7 is an important mediator of hypoxia-induced cellular responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 1111-1116.	7.1	190
6	Cancer-associated fibroblast-derived annexin A6+ extracellular vesicles support pancreatic cancer aggressiveness. <i>Journal of Clinical Investigation</i> , 2016, 126, 4140-4156.	8.2	169
7	Pancreatic Adenocarcinoma Therapeutic Targets Revealed by Tumor-Stroma Cross-Talk Analyses in Patient-Derived Xenografts. <i>Cell Reports</i> , 2017, 21, 2458-2470.	6.4	148
8	Reg-2 is a motoneuron neurotrophic factor and a signalling intermediate in the CNTF survival pathway. <i>Nature Cell Biology</i> , 2000, 2, 906-914.	10.3	140
9	Tumor Protein 53-Induced Nuclear Protein 1 Is a Major Mediator of p53 Antioxidant Function. <i>Cancer Research</i> , 2009, 69, 219-226.	0.9	135
10	Tumor necrosis factor $\alpha$ triggers antiapoptotic mechanisms in rat pancreatic cells through pancreatitis-associated protein I activation. <i>Gastroenterology</i> , 2000, 119, 816-828.	1.3	121
11	The pancreatitis-associated protein is induced by free radicals in AR4-2J cells and confers cell resistance to apoptosis. <i>Gastroenterology</i> , 1998, 114, 808-816.	1.3	116
12	Vemurafenib Potently Induces Endoplasmic Reticulum Stress-Mediated Apoptosis in BRAFV600E Melanoma Cells. <i>Science Signaling</i> , 2013, 6, ra7.	3.6	114
13	Influence of the Tumor Microenvironment on Cancer Cells Metabolic Reprogramming. <i>Frontiers in Oncology</i> , 2018, 8, 117.	2.8	114
14	p8 Improves Pancreatic Response to Acute Pancreatitis by Enhancing the Expression of the Anti-inflammatory Protein Pancreatitis-associated Protein I. <i>Journal of Biological Chemistry</i> , 2004, 279, 7199-7207.	3.4	113
15	Regulation of apoptosis by the p8/prothymosin $\Delta$ complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 2671-2676.	7.1	109
16	p8 Is a New Target of Gemcitabine in Pancreatic Cancer Cells. <i>Clinical Cancer Research</i> , 2006, 12, 235-241.	7.0	92
17	Cloning and expression of the human p8, a nuclear protein with mitogenic activity. <i>FEBS Journal</i> , 2001, 259, 670-675.	0.2	83
18	LIF Drives Neural Remodeling in Pancreatic Cancer and Offers a New Candidate Biomarker. <i>Cancer Research</i> , 2018, 78, 909-921.	0.9	83

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19	p8-deficient fibroblasts grow more rapidly and are more resistant to adriamycin-induced apoptosis. <i>Oncogene</i> , 2002, 21, 1685-1694.	5.9	80
20	p8 is critical for tumour development induced by ras <sup>V12</sup> mutated protein and E1A oncogene. <i>EMBO Reports</i> , 2002, 3, 165-170.	4.5	68
21	Eotaxin-3/CCL26 gene expression in intestinal epithelial cells is up-regulated by interleukin-4 and interleukin-13 via the signal transducer and activator of transcription 6. <i>International Journal of Biochemistry and Cell Biology</i> , 2005, 37, 2559-2573.	2.8	67
22	pap, reg I? and reg I? mRNAs are concomitantly up-regulated during human colorectal carcinogenesis. , 1999, 81, 688-694.		63
23	The HMG-I/Y-related Protein p8 Binds to p300 and Pax2trans-Activation Domain-interacting Protein to Regulate the trans-Activation Activity of the Pax2A and Pax2B Transcription Factors on the Glucagon Gene Promoter. <i>Journal of Biological Chemistry</i> , 2002, 277, 22314-22319.	3.4	61
24	Gene expression profiling by DNA microarray analysis in mouse embryonic fibroblasts transformed by rasV12 mutated protein and the E1A oncogene. <i>Molecular Cancer</i> , 2003, 2, 19.	19.2	54
25	Hypoxia Induced Tumor Metabolic Switch Contributes to Pancreatic Cancer Aggressiveness. <i>Cancers</i> , 2010, 2, 2138-2152.	3.7	52
26	Stromal SLIT2 impacts on pancreatic cancer-associated neural remodeling. <i>Cell Death and Disease</i> , 2015, 6, e1592-e1592.	6.3	52
27	Expression of the stress-induced p8 mRNA is transiently activated after culture medium change. <i>European Journal of Cell Biology</i> , 2001, 80, 720-725.	3.6	51
28	Inactivation of stress protein p8 increases murine carbon tetrachloride hepatotoxicity via preserved CYP2E1 activity. <i>Hepatology</i> , 2005, 42, 176-182.	7.3	51
29	Cdx1 promotes cellular growth of epithelial intestinal cells through induction of the secretory protein PAP I. <i>European Journal of Cell Biology</i> , 2001, 80, 156-163.	3.6	48
30	p8 inhibits the growth of human pancreatic cancer cells and its expression is induced through pathways involved in growth inhibition and repressed by factors promoting cell growth. <i>Molecular Cancer</i> , 2003, 2, 37.	19.2	47
31	Transforming growth factor $\beta$ -1 enhances Smad transcriptional activity through activation of p8 gene expression. <i>Biochemical Journal</i> , 2001, 357, 249-253.	3.7	46
32	Consequences of DJ-1 upregulation following p53 loss and cell transformation. <i>Oncogene</i> , 2012, 31, 664-670.	5.9	44
33	Mice with targeted disruption of p8 gene show increased sensitivity to lipopolysaccharide and DNA microarray analysis of livers reveals an aberrant gene expression response. <i>BMC Gastroenterology</i> , 2003, 3, 25.	2.0	42
34	Pancreatic tumor cell metabolism: Focus on glycolysis and its connected metabolic pathways. <i>Archives of Biochemistry and Biophysics</i> , 2014, 545, 69-73.	3.0	42
35	Structural and functional characterization of the mouse p8 gene: promotion of transcription by the CAAT-enhancer binding protein $\beta$ (C/EBP $\beta$ ) and C/EBP $\beta$ trans-acting factors involves a C/EBP cis-acting element and other regions of the promoter. <i>Biochemical Journal</i> , 1999, 343, 377-383.	3.7	39
36	TAp73 loss favors Smad-independent TGF- $\beta$ signaling that drives EMT in pancreatic ductal adenocarcinoma. <i>Cell Death and Differentiation</i> , 2016, 23, 1358-1370.	11.2	38

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37	Transforming growth factor $\beta$ -1 enhances Smad transcriptional activity through activation of p8 gene expression. <i>Biochemical Journal</i> , 2001, 357, 249.	3.7	34
38	LDL Receptor: An open route to feed pancreatic tumor cells. <i>Molecular and Cellular Oncology</i> , 2016, 3, e1033586.	0.7	31
39	The Pancreatitis-associated Protein I Promoter Allows Targeting to the Pancreas of a Foreign Gene, Whose Expression Is Up-regulated during Pancreatic Inflammation. <i>Journal of Biological Chemistry</i> , 1997, 272, 5800-5804.	3.4	28
40	A pancreatic ductal adenocarcinoma subpopulation is sensitive to FK866, an inhibitor of NAMPT. <i>Oncotarget</i> , 2016, 7, 53783-53796.	1.8	28
41	Interaction of the stress protein p8 with Jab1 is required for Jab1-dependent p27 nuclear-to-cytoplasm translocation. <i>Biochemical and Biophysical Research Communications</i> , 2006, 339, 284-289.	2.1	26
42	TAp73 is required for macrophage-mediated innate immunity and the resolution of inflammatory responses. <i>Cell Death and Differentiation</i> , 2013, 20, 293-301.	11.2	26
43	Ketogenic HMG-CoA lyase and its product $\beta$ -hydroxybutyrate promote pancreatic cancer progression. <i>EMBO Journal</i> , 2022, 41, e110466.	7.8	24
44	Upregulation of the stress-associated gene p8 in mouse models of demyelination and in multiple sclerosis tissues. <i>Glia</i> , 2006, 53, 529-537.	4.9	21
45	Akt targeting as a strategy to boost chemotherapy efficacy in non-small cell lung cancer through metabolism suppression. <i>Scientific Reports</i> , 2017, 7, 45136.	3.3	21
46	Metabolic rewiring of pancreatic ductal adenocarcinoma: New routes to follow within the maze. <i>International Journal of Cancer</i> , 2016, 138, 787-796.	5.1	20
47	Oncogene-Induced Senescence Limits the Progression of Pancreatic Neoplasia through Production of Activin A. <i>Cancer Research</i> , 2020, 80, 3359-3371.	0.9	20
48	Gene expression profiling of tumours derived from rasV12/E1A-transformed mouse embryonic fibroblasts to identify genes required for tumour development. <i>Molecular Cancer</i> , 2005, 4, 4.	19.2	19
49	Structural and functional characterization of the mouse p8 gene: promotion of transcription by the CAAT-enhancer binding protein $\beta$ (C/EBP $\beta$ ) and C/EBP $\beta$ trans-acting factors involves a C/EBP cis-acting element and other regions of the promoter. <i>Biochemical Journal</i> , 1999, 343, 377.	3.7	18
50	ER stress and hexosamine pathway during tumorigenesis: A pas de deux?. <i>Seminars in Cancer Biology</i> , 2015, 33, 34-39.	9.6	17
51	Fountain of youth of pancreatic cancer cells: the extracellular matrix. <i>Cell Death Discovery</i> , 2018, 4, 1.	4.7	17
52	PAP Gene Transcription Induced by Cycloheximide in AR4-2J Cells Involves ADP-Ribosylation. <i>Biochemical and Biophysical Research Communications</i> , 1998, 251, 710-713.	2.1	13
53	Pancreatitis Associated Protein I (PAP-I) Alters Adhesion and Motility of Human Melanocytes and Melanoma Cells. <i>Journal of Investigative Dermatology</i> , 2001, 116, 426-433.	0.7	12
54	Role of amino acids in regulation of ROS balance in cancer. <i>Archives of Biochemistry and Biophysics</i> , 2020, 689, 108438.	3.0	11

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55	LDL receptor-peptide conjugate as in vivo tool for specific targeting of pancreatic ductal adenocarcinoma. <i>Communications Biology</i> , 2021, 4, 987.	4.4	6
56	Two transcripts are generated from the pancreatitis associated protein II gene by alternative splicing in the 5' untranslated region. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1995, 1261, 272-274.	2.4	5
57	The metabolic facet of pancreatic cancer: How hypoxia shapes fatal cancer cells. <i>Cell Cycle</i> , 2013, 12, 1155-1156.	2.6	4
58	CDXI promotes cellular growth and increases resistance to apoptosis of epithelial intestinal cells through induction of the secretory protein PAP I. <i>Gastroenterology</i> , 2000, 118, A551.	1.3	0
59	Abstract B06: Impact of intratumoral microenvironment and epithelial cells crosstalk in pancreatic carcinogenesis. , 2015, , .		0
60	Abstract A61: CAF-derived ANXA6+-exosomes support pancreatic cancer aggressiveness and serve as a circulating biomarker. , 2016, , .		0
61	Abstract 4396: Multiomics assessment of the cancer and stromal compartments of patient-derived pancreatic xenografts reveals clinically-relevant subtypes and novel targeted therapies. , 2017, , .		0
62	Nutriments et cancer: alliés ou ennemis?. <i>Cahiers De Nutrition Et De Dietetique</i> , 2020, 55, 276-294.	0.3	0
63	Meeting report of the 4th biennial Metabolism and Cancer symposium. <i>FEBS Journal</i> , 2021, , .	4.7	0