

# Valerie S Lebleu

## List of Publications by Year in descending order

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Version: 2024-02-01

45  
papers

21,108  
citations

117453

34  
h-index

233125

45  
g-index

45  
all docs

45  
docs citations

45  
times ranked

31298  
citing authors

#	ARTICLE	IF	CITATIONS
1	The biology <b>,</b> function <b>,</b> and biomedical applications of exosomes. Science, 2020, 367, .	6.0	4,742
2	Glypican-1 identifies cancer exosomes and detects early pancreatic cancer. Nature, 2015, 523, 177-182.	13.7	2,240
3	Depletion of Carcinoma-Associated Fibroblasts and Fibrosis Induces Immunosuppression and Accelerates Pancreas Cancer with Reduced Survival. Cancer Cell, 2014, 25, 719-734.	7.7	1,892
4	Exosomes facilitate therapeutic targeting of oncogenic KRAS in pancreatic cancer. Nature, 2017, 546, 498-503.	13.7	1,731
5	Epithelial-to-mesenchymal transition is dispensable for metastasis but induces chemoresistance in pancreatic cancer. Nature, 2015, 527, 525-530.	13.7	1,725
6	B cells and tertiary lymphoid structures promote immunotherapy response. Nature, 2020, 577, 549-555.	13.7	1,421
7	PGC-1 $\beta$ mediates mitochondrial biogenesis and oxidative phosphorylation in cancer cells to promote $\hat{A}$ metastasis. Nature Cell Biology, 2014, 16, 992-1003.	4.6	1,073
8	Origin and function of myofibroblasts in kidney fibrosis. Nature Medicine, 2013, 19, 1047-1053.	15.2	1,055
9	Epithelial-to-mesenchymal transition induces cell cycle arrest and parenchymal damage in renal fibrosis. Nature Medicine, 2015, 21, 998-1009.	15.2	736
10	Genotype tunes pancreatic ductal adenocarcinoma tissue tension to induce matricellular fibrosis and tumor progression. Nature Medicine, 2016, 22, 497-505.	15.2	456
11	Pericyte Depletion Results in Hypoxia-Associated Epithelial-to-Mesenchymal Transition and Metastasis Mediated by Met Signaling Pathway. Cancer Cell, 2012, 21, 66-81.	7.7	447
12	Spatial computation of intratumoral T cells correlates with survival of patients with pancreatic cancer. Nature Communications, 2017, 8, 15095.	5.8	432
13	A peek into cancer-associated fibroblasts: origins, functions and translational impact. DMM Disease Models and Mechanisms, 2018, 11, .	1.2	400
14	VEGF-A and Tenascin-C produced by S100A4 <sup>+</sup> stromal cells are important for metastatic colonization. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 16002-16007.	3.3	295
15	Type I collagen deletion in $\hat{A}$ SMA+ myofibroblasts augments immune suppression and accelerates progression of pancreatic cancer. Cancer Cell, 2021, 39, 548-565.e6.	7.7	274
16	Detection of mutant KRAS and TP53 DNA in circulating exosomes from healthy individuals and patients with pancreatic cancer. Cancer Biology and Therapy, 2017, 18, 158-165.	1.5	190
17	Identification of human epididymis protein-4 as a fibroblast-derived mediator of fibrosis. Nature Medicine, 2013, 19, 227-231.	15.2	176
18	Exosomes as a Multicomponent Biomarker Platform in Cancer. Trends in Cancer, 2020, 6, 767-774.	3.8	175

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19	Epigenetic Reprogramming of Cancer-Associated Fibroblasts Deregulates Glucose Metabolism and Facilitates Progression of Breast Cancer. <i>Cell Reports</i> , 2020, 31, 107701.	2.9	149
20	Origin and functional heterogeneity of fibroblasts. <i>FASEB Journal</i> , 2020, 34, 3519-3536.	0.2	145
21	Discovery of Double-Stranded Genomic DNA in Circulating Exosomes. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2016, 81, 275-280.	2.0	144
22	Targeting Vascular Pericytes in Hypoxic Tumors Increases Lung Metastasis via Angiopoietin-2. <i>Cell Reports</i> , 2015, 10, 1066-1081.	2.9	132
23	Heterogeneous antibodies against SARS-CoV-2 spike receptor binding domain and nucleocapsid with implications for COVID-19 immunity. <i>JCI Insight</i> , 2020, 5, .	2.3	130
24	Identification of Functional Heterogeneity of Carcinoma-Associated Fibroblasts with Distinct IL6-Mediated Therapy Resistance in Pancreatic Cancer. <i>Cancer Discovery</i> , 2022, 12, 1580-1597.	7.7	100
25	Circulating ACE2-expressing extracellular vesicles block broad strains of SARS-CoV-2. <i>Nature Communications</i> , 2022, 13, 405.	5.8	92
26	MTHFD2 links RNA methylation to metabolic reprogramming in renal cell carcinoma. <i>Oncogene</i> , 2019, 38, 6211-6225.	2.6	78
27	Exosome-mediated delivery of CRISPR/Cas9 for targeting of oncogenic Kras <sup>G12D</sup> in pancreatic cancer. <i>Life Science Alliance</i> , 2021, 4, e202000875.	1.3	75
28	Dual reporter genetic mouse models of pancreatic cancer identify an epithelial-to-mesenchymal transition-independent metastasis program. <i>EMBO Molecular Medicine</i> , 2018, 10, .	3.3	61
29	Mass Spectrometry and Antibody-Based Characterization of Blood Vessels from <i>Brachyophosaurus canadensis</i> . <i>Journal of Proteome Research</i> , 2015, 14, 5252-5262.	1.8	59
30	Endothelial-to-mesenchymal transition compromises vascular integrity to induce Myc-mediated metabolic reprogramming in kidney fibrosis. <i>Science Signaling</i> , 2020, 13, .	1.6	59
31	Protection against SARS-CoV-2 by BCG vaccination is not supported by epidemiological analyses. <i>Scientific Reports</i> , 2020, 10, 18377.	1.6	58
32	Imaging the Tumor Microenvironment. <i>Cancer Journal (Sudbury, Mass )</i> , 2015, 21, 174-178.	1.0	52
33	Therapeutic targeting of STAT3 with small interference RNAs and antisense oligonucleotides embedded exosomes in liver fibrosis. <i>FASEB Journal</i> , 2021, 35, e21557.	0.2	48
34	Loss of placental growth factor ameliorates maternal hypertension and preeclampsia in mice. <i>Journal of Clinical Investigation</i> , 2018, 128, 5008-5017.	3.9	42
35	Effective delivery of STING agonist using exosomes suppresses tumor growth and enhances antitumor immunity. <i>Journal of Biological Chemistry</i> , 2021, 296, 100523.	1.6	42
36	Blockade of PDGF receptor signaling reduces myofibroblast number and attenuates renal fibrosis. <i>Kidney International</i> , 2011, 80, 1119-1121.	2.6	32

#	ARTICLE	IF	CITATIONS
37	Î±SMA+ fibroblasts suppress Lgr5+ cancer stem cells and restrain colorectal cancer progression. <i>Oncogene</i> , 2021, 40, 4440-4452.	2.6	27
38	Dermal Î±SMA <sup>+</sup> myofibroblasts orchestrate skin wound repair via Î²1 integrin and independent of type I collagen production. <i>EMBO Journal</i> , 2022, 41, e109470.	3.5	26
39	SIRT1 Regulates Lysosome Function and Exosome Secretion. <i>Developmental Cell</i> , 2019, 49, 302-303.	3.1	24
40	Exosomes Exercise Inhibition of Anti-Tumor Immunity during Chemotherapy. <i>Immunity</i> , 2019, 50, 547-549.	6.6	22
41	Podoplanin+ tumor lymphatics are rate limiting for breast cancer metastasis. <i>PLoS Biology</i> , 2018, 16, e2005907.	2.6	17
42	Phase I study of mesenchymal stem cell (MSC)-derived exosomes with KRAS <sup>G12D</sup> siRNA in patients with metastatic pancreatic cancer harboring a KRAS <sup>G12D</sup> mutation.. <i>Journal of Clinical Oncology</i> , 2022, 40, TPS633-TPS633.	0.8	11
43	Unique somatic variants in DNA from urine exosomes of individuals with bladder cancer. <i>Molecular Therapy - Methods and Clinical Development</i> , 2021, 22, 360-376.	1.8	10
44	BMP7 Signaling in <i>TGFBR2</i> -Deficient Stromal Cells Provokes Epithelial Carcinogenesis. <i>Molecular Cancer Research</i> , 2018, 16, 1568-1578.	1.5	7
45	Endoglin Targeting in Colorectal Tumor Microenvironment. <i>Clinical Cancer Research</i> , 2018, 24, 6110-6111.	3.2	6