

# Sendurai A Mani

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

102  
papers

19,891  
citations

48  
h-index

141  
g-index

141  
ext. papers

22,782  
ext. citations

10  
avg, IF

6.17  
L-index

#	Paper	IF	Citations
102	The epithelial-mesenchymal transition generates cells with properties of stem cells. <i>Cell</i> , <b>2008</b> , 133, 704-712	56.2	6611
101	Twist, a master regulator of morphogenesis, plays an essential role in tumor metastasis. <i>Cell</i> , <b>2004</b> , 117, 927-39	56.2	2996
100	Loss of E-cadherin promotes metastasis via multiple downstream transcriptional pathways. <i>Cancer Research</i> , <b>2008</b> , 68, 3645-54	10.1	1100
99	Core epithelial-to-mesenchymal transition interactome gene-expression signature is associated with claudin-low and metaplastic breast cancer subtypes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 15449-54	11.5	759
98	Slug and Sox9 cooperatively determine the mammary stem cell state. <i>Cell</i> , <b>2012</b> , 148, 1015-28	56.2	685
97	Guidelines and definitions for research on epithelial-mesenchymal transition. <i>Nature Reviews Molecular Cell Biology</i> , <b>2020</b> , 21, 341-352	48.7	469
96	Mesenchyme Forkhead 1 (FOXC2) plays a key role in metastasis and is associated with aggressive basal-like breast cancers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 10069-74	11.5	446
95	CCAT2, a novel noncoding RNA mapping to 8q24, underlies metastatic progression and chromosomal instability in colon cancer. <i>Genome Research</i> , <b>2013</b> , 23, 1446-61	9.7	442
94	Mutual regulation of tumour vessel normalization and immunostimulatory reprogramming. <i>Nature</i> , <b>2017</b> , 544, 250-254	50.4	365
93	Endothelial cells promote the colorectal cancer stem cell phenotype through a soluble form of Jagged-1. <i>Cancer Cell</i> , <b>2013</b> , 23, 171-85	24.3	309
92	The epithelial-to-mesenchymal transition and cancer stem cells: a coalition against cancer therapies. <i>Journal of Mammary Gland Biology and Neoplasia</i> , <b>2009</b> , 14, 29-43	2.4	292
91	Stability of the hybrid epithelial/mesenchymal phenotype. <i>Oncotarget</i> , <b>2016</b> , 7, 27067-84	3.3	259
90	Exploring a new twist on tumor metastasis. <i>Cancer Research</i> , <b>2006</b> , 66, 4549-52	10.1	254
89	Epithelial-mesenchymal transition and cancer stem cells: a dangerously dynamic duo in breast cancer progression. <i>Breast Cancer Research</i> , <b>2011</b> , 13, 202	8.3	249
88	Epithelial mesenchymal transition traits in human breast cancer cell lines parallel the CD44(hi)/CD24 (lo/-) stem cell phenotype in human breast cancer. <i>Journal of Mammary Gland Biology and Neoplasia</i> , <b>2010</b> , 15, 235-52	2.4	230
87	Cell type-specific DNA methylation patterns in the human breast. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 14076-81	11.5	191
86	Epithelial-mesenchymal transition-derived cells exhibit multilineage differentiation potential similar to mesenchymal stem cells. <i>Stem Cells</i> , <b>2010</b> , 28, 1435-45	5.8	190

85	FOXC2 expression links epithelial-mesenchymal transition and stem cell properties in breast cancer. <i>Cancer Research</i> , <b>2013</b> , 73, 1981-92	10.1	187
84	Ganglioside GD2 identifies breast cancer stem cells and promotes tumorigenesis. <i>Journal of Clinical Investigation</i> , <b>2012</b> , 122, 2066-78	15.9	184
83	Molecular mechanisms of metastasis in breast cancer--clinical applications. <i>Nature Reviews Clinical Oncology</i> , <b>2010</b> , 7, 693-701	19.4	179
82	Overexpression of snail induces epithelial-mesenchymal transition and a cancer stem cell-like phenotype in human colorectal cancer cells. <i>Cancer Medicine</i> , <b>2012</b> , 1, 5-16	4.8	171
81	Epithelial-mesenchymal transition and stem cell markers in patients with HER2-positive metastatic breast cancer. <i>Molecular Cancer Therapeutics</i> , <b>2012</b> , 11, 2526-34	6.1	165
80	Enrichment of a population of mammary gland cells that form mammospheres and have in vivo repopulating activity. <i>Cancer Research</i> , <b>2007</b> , 67, 8131-8	10.1	158
79	Breast cancer metastasis: challenges and opportunities. <i>Cancer Research</i> , <b>2009</b> , 69, 4951-3	10.1	152
78	Fluorinated graphene oxide; a new multimodal material for biological applications. <i>Advanced Materials</i> , <b>2013</b> , 25, 5632-7	24	140
77	Towards elucidating the connection between epithelial-mesenchymal transitions and stemness. <i>Journal of the Royal Society Interface</i> , <b>2014</b> , 11, 20140962	4.1	126
76	Expression of epithelial-mesenchymal transition-inducing transcription factors in primary breast cancer: The effect of neoadjuvant therapy. <i>International Journal of Cancer</i> , <b>2012</b> , 130, 808-16	7.5	125
75	Coupling the modules of EMT and stemness: A tunable stemness window model. <i>Oncotarget</i> , <b>2015</b> , 6, 25161-74	3.3	116
74	Epigenetic silencing of microRNA-203 is required for EMT and cancer stem cell properties. <i>Scientific Reports</i> , <b>2013</b> , 3, 2687	4.9	94
73	Synthesis of Fluorinated Graphene Oxide and its Amphiphobic Properties. <i>Particle and Particle Systems Characterization</i> , <b>2013</b> , 30, 266-272	3.1	93
72	A Pan-Cancer Analysis Reveals High-Frequency Genetic Alterations in Mediators of Signaling by the TGF- $\beta$ Superfamily. <i>Cell Systems</i> , <b>2018</b> , 7, 422-437.e7	10.6	85
71	Notch-Jagged signalling can give rise to clusters of cells exhibiting a hybrid epithelial/mesenchymal phenotype. <i>Journal of the Royal Society Interface</i> , <b>2016</b> , 13,	4.1	84
70	GD3 synthase regulates epithelial-mesenchymal transition and metastasis in breast cancer. <i>Oncogene</i> , <b>2015</b> , 34, 2958-67	9.2	76
69	Hybrid epithelial/mesenchymal phenotype(s): The $\text{E}^{\text{M}}$ test for metastasis?. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , <b>2018</b> , 1870, 151-157	11.2	76
68	N-BLR, a primate-specific non-coding transcript leads to colorectal cancer invasion and migration. <i>Genome Biology</i> , <b>2017</b> , 18, 98	18.3	75

67	Candidate Antimetastasis Drugs Suppress the Metastatic Capacity of Breast Cancer Cells by Reducing Membrane Fluidity. <i>Cancer Research</i> , <b>2016</b> , 76, 2037-49	10.1	74
66	Inflammation Mediated Metastasis: Immune Induced Epithelial-To-Mesenchymal Transition in Inflammatory Breast Cancer Cells. <i>PLoS ONE</i> , <b>2015</b> , 10, e0132710	3.7	69
65	Gene expression in extratumoral microenvironment predicts clinical outcome in breast cancer patients. <i>Breast Cancer Research</i> , <b>2012</b> , 14, R51	8.3	63
64	Architecture of epigenetic reprogramming following Twist1-mediated epithelial-mesenchymal transition. <i>Genome Biology</i> , <b>2013</b> , 14, R144	18.3	63
63	Investigating the link between molecular subtypes of glioblastoma, epithelial-mesenchymal transition, and CD133 cell surface protein. <i>PLoS ONE</i> , <b>2013</b> , 8, e64169	3.7	63
62	Hybrid 2D nanomaterials as dual-mode contrast agents in cellular imaging. <i>Advanced Materials</i> , <b>2012</b> , 24, 2992-8	24	58
61	Targeting the Interplay between Epithelial-to-Mesenchymal-Transition and the Immune System for Effective Immunotherapy. <i>Cancers</i> , <b>2019</b> , 11,	6.6	55
60	Loss of breast epithelial marker hCLCA2 promotes epithelial-to-mesenchymal transition and indicates higher risk of metastasis. <i>Oncogene</i> , <b>2012</b> , 31, 2237-46	9.2	55
59	Targeting the Molecular Subtypes of Triple Negative Breast Cancer: Understanding the Diversity to Progress the Field. <i>Oncologist</i> , <b>2017</b> , 22, 1086-1093	5.7	53
58	Alternative origins of stroma in normal organs and disease. <i>Stem Cell Research</i> , <b>2012</b> , 8, 312-23	1.6	51
57	Inhibition of FOXC2 restores epithelial phenotype and drug sensitivity in prostate cancer cells with stem-cell properties. <i>Oncogene</i> , <b>2016</b> , 35, 5963-5976	9.2	50
56	GSK3 $\beta$ regulates epithelial-mesenchymal transition and cancer stem cell properties in triple-negative breast cancer. <i>Breast Cancer Research</i> , <b>2019</b> , 21, 37	8.3	48
55	A possible role for epigenetic feedback regulation in the dynamics of the epithelial-mesenchymal transition (EMT). <i>Physical Biology</i> , <b>2019</b> , 16, 066004	3	47
54	Distinguishing mechanisms underlying EMT tristability <b>2017</b> , 1, 2		47
53	3D Porous Graphene by Low-Temperature Plasma Welding for Bone Implants. <i>Advanced Materials</i> , <b>2016</b> , 28, 8959-8967	24	43
52	Whom to blame for metastasis, the epithelial-mesenchymal transition or the tumor microenvironment?. <i>Cancer Letters</i> , <b>2016</b> , 380, 359-68	9.9	40
51	Tumor cell heterogeneity in Small Cell Lung Cancer (SCLC): phenotypical and functional differences associated with Epithelial-Mesenchymal Transition (EMT) and DNA methylation changes. <i>PLoS ONE</i> , <b>2014</b> , 9, e100249	3.7	40
50	EMT-induced metabolite signature identifies poor clinical outcome. <i>Oncotarget</i> , <b>2015</b> , 6, 42651-60	3.3	39

49	Notch promotes tumor metastasis in a prostate-specific Pten-null mouse model. <i>Journal of Clinical Investigation</i> , <b>2016</b> , 126, 2626-41	15.9	38
48	A vimentin binding small molecule leads to mitotic disruption in mesenchymal cancers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, E9903-E9912	11.5	37
47	The H3K27me3-demethylase KDM6A is suppressed in breast cancer stem-like cells, and enables the resolution of bivalency during the mesenchymal-epithelial transition. <i>Oncotarget</i> , <b>2017</b> , 8, 65548-65565	3.3	36
46	High hardness in the biocompatible intermetallic compound $\text{Ti}_3\text{Au}$ . <i>Science Advances</i> , <b>2016</b> , 2, e1600319	14.3	34
45	BSTA promotes mTORC2-mediated phosphorylation of Akt1 to suppress expression of FoxC2 and stimulate adipocyte differentiation. <i>Science Signaling</i> , <b>2013</b> , 6, ra2	8.8	34
44	Phosphorylation of serine 367 of FOXC2 by p38 regulates ZEB1 and breast cancer metastasis, without impacting primary tumor growth. <i>Oncogene</i> , <b>2016</b> , 35, 5977-5988	9.2	33
43	A model for the transcriptional regulation of the CYP2B1/B2 gene in rat liver. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1995</b> , 92, 9628-32	11.5	31
42	Identification of EMT signaling cross-talk and gene regulatory networks by single-cell RNA sequencing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	31
41	EMT, stemness and tumor plasticity in aggressive variant neuroendocrine prostate cancers. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , <b>2018</b> , 1870, 229-238	11.2	28
40	Rab25 acts as an oncogene in luminal B breast cancer and is causally associated with Snail driven EMT. <i>Oncotarget</i> , <b>2016</b> , 7, 40252-40265	3.3	28
39	Mathematical modelling of phenotypic plasticity and conversion to a stem-cell state under hypoxia. <i>Scientific Reports</i> , <b>2016</b> , 6, 18074	4.9	27
38	The Z-cad dual fluorescent sensor detects dynamic changes between the epithelial and mesenchymal cellular states. <i>BMC Biology</i> , <b>2016</b> , 14, 47	7.3	26
37	A novel embryonic plasticity gene signature that predicts metastatic competence and clinical outcome. <i>Scientific Reports</i> , <b>2015</b> , 5, 11766	4.9	25
36	Three-Dimensional Porous Sponges from Collagen Biowastes. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 14836-44	9.5	23
35	Sheep, wolf, or werewolf: cancer stem cells and the epithelial-to-mesenchymal transition. <i>Cancer Letters</i> , <b>2013</b> , 341, 16-23	9.9	23
34	EMTome: a resource for pan-cancer analysis of epithelial-mesenchymal transition genes and signatures. <i>British Journal of Cancer</i> , <b>2021</b> , 124, 259-269	8.7	23
33	Tyrosine kinase inhibitors induce mesenchymal stem cell-mediated resistance in BCR-ABL+ acute lymphoblastic leukemia. <i>Blood</i> , <b>2015</b> , 125, 2968-73	2.2	22
32	Metal-Free Dual Modal Contrast Agents Based on Fluorographene Quantum Dots. <i>Particle and Particle Systems Characterization</i> , <b>2017</b> , 34, 1600221	3.1	20

31	The Epithelial to Mesenchymal Transition Promotes Glutamine Independence by Suppressing Expression. <i>Cancers</i> , <b>2019</b> , 11,	6.6	19
30	Epidermal growth factor down-regulates the expression of neutrophil gelatinase-associated lipocalin (NGAL) through E-cadherin in pancreatic cancer cells. <i>Cancer</i> , <b>2011</b> , 117, 2408-18	6.4	19
29	FOXC2 regulates the G2/M transition of stem cell-rich breast cancer cells and sensitizes them to PLK1 inhibition. <i>Scientific Reports</i> , <b>2016</b> , 6, 23070	4.9	15
28	A proteogenomic portrait of lung squamous cell carcinoma. <i>Cell</i> , <b>2021</b> , 184, 4348-4371.e40	56.2	15
27	Evaluation of splenomegaly in portal hypertension. <i>Journal of Clinical Gastroenterology</i> , <b>1996</b> , 22, 28-30	3	14
26	UDP-glucose 6-dehydrogenase regulates hyaluronic acid production and promotes breast cancer progression. <i>Oncogene</i> , <b>2020</b> , 39, 3089-3101	9.2	14
25	Receptor-mediated gene delivery approach demonstrates the role of 5Qproximal DNA region in conferring phenobarbitone responsiveness to CYP2B2 gene in rat liver in vivo. <i>Biochemical and Biophysical Research Communications</i> , <b>2000</b> , 268, 734-9	3.4	8
24	Breast cancer dormancy: need for clinically relevant models to address current gaps in knowledge. <i>Npj Breast Cancer</i> , <b>2021</b> , 7, 66	7.8	8
23	Function of Tumor Suppressors in Resistance to Antiandrogen Therapy and Luminal Epithelial Plasticity of Aggressive Variant Neuroendocrine Prostate Cancers. <i>Frontiers in Oncology</i> , <b>2018</b> , 8, 69	5.3	7
22	Genomic copy number imbalances associated with bone and non-bone metastasis of early-stage breast cancer. <i>Breast Cancer Research and Treatment</i> , <b>2014</b> , 143, 189-201	4.4	6
21	The importance of the epithelial-mesenchymal transition in breast cancer. <i>Current Breast Cancer Reports</i> , <b>2009</b> , 1, 229-237	0.8	6
20	Fluorescent Superparamagnetic Iron Oxide CoreShell Nanoprobes for Multimodal Cellular Imaging. <i>Materials Express</i> , <b>2012</b> , 2, 265-274	1.3	6
19	Correction for Taube et al., Core epithelial-to-mesenchymal transition interactome gene-expression signature is associated with claudin-low and metaplastic breast cancer subtypes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 19132-19132	11.5	5
18	GD2 and GD3 synthase: novel drug targets for cancer therapy. <i>Molecular and Cellular Oncology</i> , <b>2015</b> , 2, e975068	1.2	4
17	HDAC3 at the fulcrum of an epithelial-mesenchymal balance. <i>Molecular Cell</i> , <b>2011</b> , 43, 697-8	17.6	3
16	Phenobarbitone-mediated translocation of the cytosolic proteins interacting with the 5Qproximal region of rat liver CYP2B1/B2 gene into the nucleus. <i>Biochemical and Biophysical Research Communications</i> , <b>2002</b> , 292, 312-7	3.4	3
15	CD8 T cells inhibit metastasis and CXCL4 regulates its function. <i>British Journal of Cancer</i> , <b>2021</b> , 125, 176-189	3.9	3
14	Morphological screening of mesenchymal mammary tumor organoids to identify drugs that reverse epithelial-mesenchymal transition. <i>Nature Communications</i> , <b>2021</b> , 12, 4262	17.4	3

13	Vimentin and cytokeratin: good alone, bad together.. <i>Seminars in Cancer Biology</i> , <b>2021</b> ,	12.7	3
12	Epithelial-Mesenchymal Transition (EMT) and Cancer Stem Cells (CSCs): The Traveling Metastasis. <i>Cancer Drug Discovery and Development</i> , <b>2017</b> , 67-80	0.3	2
11	A panel of emerging EMT genes identified in malignant mesothelioma.. <i>Scientific Reports</i> , <b>2022</b> , 12, 10074.9	4.9	2
10	Abstract 2080: Plasma membrane fluidity drives metastasis in breast cancer <b>2014</b> ,		2
9	Whole exome sequencing of metaplastic breast cancer (MpBC): Effect of mutation status on survival.. <i>Journal of Clinical Oncology</i> , <b>2017</b> , 35, 1090-1090	2.2	2
8	Distinguishing Mechanisms Underlying EMT Tristability		2
7	Single-Cell Cloning of Breast Cancer Cells Secreting Specific Subsets of Extracellular Vesicles. <i>Cancers</i> , <b>2021</b> , 13,	6.6	2
6	A possible role for epigenetic feedback regulation in the dynamics of the Epithelial-Mesenchymal Transition (EMT)		1
5	Circulating Breast Tumor Cells Exhibit Dynamic Changes in Epithelial and Mesenchymal Composition: Yu M, Bardia A, Wittner BS, et al (Harvard Med School, Charlestown, MA) <i>Science</i> 339:580-584, 2013. <i>Breast Diseases</i> , <b>2013</b> , 24, 225-226		0
4	Limiting Dilution Tumor Initiation Assay: An In Vivo Approach for the Study of Cancer Stem Cells.. <i>Methods in Molecular Biology</i> , <b>2022</b> , 2429, 547-554	1.4	0
3	Ultrasonic evaluation of portosystemic collateral circulation in portal hypertension. <i>Journal of the Association of Physicians of India, The</i> , <b>1996</b> , 44, 537-9	0.4	
2	In Vitro Quantification of Cancer Stem Cells Using a Mammosphere Formation Assay.. <i>Methods in Molecular Biology</i> , <b>2022</b> , 2429, 509-513	1.4	
1	Enrichment of Cancer Stem Cells in a Tumorsphere Assay.. <i>Methods in Molecular Biology</i> , <b>2022</b> , 2429, 501-507	1.4	