

Parthasarathy Chandrakesan

List of Publications by Year in descending order

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Version: 2024-02-01

96
papers

1,836
citations

257450

24
h-index

276875

41
g-index

98
all docs

98
docs citations

98
times ranked

2491
citing authors

#	ARTICLE	IF	CITATIONS
1	Intestinal Enteroendocrine Lineage Cells Possess Homeostatic and Injury-Inducible Stem Cell Activity. <i>Cell Stem Cell</i> , 2017, 21, 78-90.e6.	11.1	280
2	DCLK1 Regulates Pluripotency and Angiogenic Factors via microRNA-Dependent Mechanisms in Pancreatic Cancer. <i>PLoS ONE</i> , 2013, 8, e73940.	2.5	132
3	XMD8-92 inhibits pancreatic tumor xenograft growth via a DCLK1-dependent mechanism. <i>Cancer Letters</i> , 2014, 351, 151-161.	7.2	107
4	Small molecule kinase inhibitor LRRK2-IN-1 demonstrates potent activity against colorectal and pancreatic cancer through inhibition of doublecortin-like kinase 1. <i>Molecular Cancer</i> , 2014, 13, 103.	19.2	102
5	Dclk1, a tumor stem cell marker, regulates pro-survival signaling and self-renewal of intestinal tumor cells. <i>Molecular Cancer</i> , 2017, 16, 30.	19.2	91
6	DCLK1 is a broadly dysregulated target against epithelial-mesenchymal transition, focal adhesion, and stemness in clear cell renal carcinoma. <i>Oncotarget</i> , 2015, 6, 2193-2205.	1.8	85
7	Brief Report: Dclk1 Deletion in Tuft Cells Results in Impaired Epithelial Repair After Radiation Injury. <i>Stem Cells</i> , 2014, 32, 822-827.	3.2	73
8	Dclk1 facilitates intestinal tumor growth via enhancing pluripotency and epithelial mesenchymal transition. <i>Oncotarget</i> , 2014, 5, 9269-9280.	1.8	71
9	Utility of a bacterial infection model to study epithelial-mesenchymal transition, mesenchymal-epithelial transition or tumorigenesis. <i>Oncogene</i> , 2014, 33, 2639-2654.	5.9	59
10	Ablation of Doublecortin-Like Kinase 1 in the Colonic Epithelium Exacerbates Dextran Sulfate Sodium-Induced Colitis. <i>PLoS ONE</i> , 2015, 10, e0134212.	2.5	58
11	Critical Roles of Notch and Wnt/ β -Catenin Pathways in the Regulation of Hyperplasia and/or Colitis in Response to Bacterial Infection. <i>Infection and Immunity</i> , 2012, 80, 3107-3121.	2.2	52
12	Alternative splice variants of DCLK1 mark cancer stem cells, promote self-renewal and drug-resistance, and can be targeted to inhibit tumorigenesis in kidney cancer. <i>International Journal of Cancer</i> , 2018, 143, 1162-1175.	5.1	52
13	Chemopreventive effect of bacoside A on N-nitrosodiethylamine-induced hepatocarcinogenesis in rats. <i>Journal of Cancer Research and Clinical Oncology</i> , 2010, 136, 759-770.	2.5	50
14	Plasma DCLK1 is a marker of hepatocellular carcinoma (HCC): Targeting DCLK1 prevents HCC tumor xenograft growth via a microRNA-dependent mechanism. <i>Oncotarget</i> , 2015, 6, 37200-37215.	1.8	47
15	Novel Changes in NF- κ B Activity during Progression and Regression Phases of Hyperplasia. <i>Journal of Biological Chemistry</i> , 2010, 285, 33485-33498.	3.4	46
16	Doublecortin-Like Kinase 1 Is Elevated Serologically in Pancreatic Ductal Adenocarcinoma and Widely Expressed on Circulating Tumor Cells. <i>PLoS ONE</i> , 2015, 10, e0118933.	2.5	42
17	Dclk1+ small intestinal epithelial tuft cells display the hallmarks of quiescence and self-renewal. <i>Oncotarget</i> , 2015, 6, 30876-30886.	1.8	40
18	Intestinal tuft cells regulate the ATM mediated DNA Damage response via Dclk1 dependent mechanism for crypt restitution following radiation injury. <i>Scientific Reports</i> , 2016, 6, 37667.	3.3	37

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19	Distinct Compartmentalization of NF- κ B Activity in Crypt and Crypt-Denuded Lamina Propria Precedes and Accompanies Hyperplasia and/or Colitis following Bacterial Infection. <i>Infection and Immunity</i> , 2012, 80, 753-767.	2.2	33
20	Inhibition of Notch signaling reduces the number of surviving Dclk1 ⁺ reserve crypt epithelial stem cells following radiation injury. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 306, G404-G411.	3.4	32
21	Fluvastatin Interferes with Hepatitis C Virus Replication via Microtubule Bundling and a Doublecortin-like Kinase-Mediated Mechanism. <i>PLoS ONE</i> , 2013, 8, e80304.	2.5	31
22	DCLK1 Regulates Tumor Stemness and Cisplatin Resistance in Non-small Cell Lung Cancer via ABCD-Member-4. <i>Molecular Therapy - Oncolytics</i> , 2020, 18, 24-36.	4.4	31
23	Survival of Patients with Gastrointestinal Cancers Can Be Predicted by a Surrogate microRNA Signature for Cancer Stem-like Cells Marked by DCLK1 Kinase. <i>Cancer Research</i> , 2016, 76, 4090-4099.	0.9	30
24	Overexpression of DCLK1-AL Increases Tumor Cell Invasion, Drug Resistance, and KRAS Activation and Can Be Targeted to Inhibit Tumorigenesis in Pancreatic Cancer. <i>Journal of Oncology</i> , 2019, 2019, 1-11.	1.3	29
25	(Z)-3,5,4-trimethoxystilbene Limits Hepatitis C and Cancer Pathophysiology by Blocking Microtubule Dynamics and Cell-Cycle Progression. <i>Cancer Research</i> , 2016, 76, 4887-4896.	0.9	28
26	Tuft and Cancer Stem Cell Marker DCLK1: A New Target to Enhance Anti-Tumor Immunity in the Tumor Microenvironment. <i>Cancers</i> , 2020, 12, 3801.	3.7	28
27	Dietary Pectin Increases Intestinal Crypt Stem Cell Survival following Radiation Injury. <i>PLoS ONE</i> , 2015, 10, e0135561.	2.5	27
28	Inflammatory and oncogenic roles of a tumor stem cell marker doublecortin-like kinase (DCLK1) in virus-induced chronic liver diseases. <i>Oncotarget</i> , 2015, 6, 20327-20344.	1.8	27
29	DCLK1-Isoform2 Alternative Splice Variant Promotes Pancreatic Tumor Immunosuppressive M2-Macrophage Polarization. <i>Molecular Cancer Therapeutics</i> , 2020, 19, 1539-1549.	4.1	23
30	Differential Effects of β -catenin and NF- κ B Interplay in the Regulation of Cell Proliferation, Inflammation and Tumorigenesis in Response to Bacterial Infection. <i>PLoS ONE</i> , 2013, 8, e79432.	2.5	18
31	Evidence of functional cross talk between the Notch and NF- κ B pathways in nonneoplastic hyperproliferating colonic epithelium. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 304, G356-G370.	3.4	16
32	Doublecortin-like kinase 1 promotes hepatocyte clonogenicity and oncogenic programming via non-canonical β -catenin-dependent mechanism. <i>Scientific Reports</i> , 2020, 10, 10578.	3.3	9
33	Inflammatory Mediators and Gut Microbial Toxins Drive Colon Tumorigenesis by IL-23 Dependent Mechanism. <i>Cancers</i> , 2021, 13, 5159.	3.7	8
34	Discovery and Development of a Novel mPGES-1/5-LOX Dual Inhibitor LFA-9 for Prevention and Treatment of Chronic Inflammatory Diseases. <i>Journal of Inflammation Research</i> , 2020, Volume 13, 1261-1278.	3.5	7
35	Elevated doublecortin-like kinase 1 serum levels revert to baseline after therapy in early stage esophageal adenocarcinoma. <i>Biomarker Research</i> , 2019, 7, 5.	6.8	4
36	Abstract 577: Systemic delivery of CBT-15G DCLK1-targeted monoclonal antibody dramatically decreases tumorigenesis in a xenograft model of pancreatic cancer. <i>Cancer Research</i> , 2016, 76, 577-577.	0.9	3

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37	Mo1304 Dietary Omega-3 Polyunsaturated Fatty Acids Increase Intestinal Crypt Stem Cell Survival Following Radiation Injury. <i>Gastroenterology</i> , 2016, 150, S692.	1.3	2
38	Cancer cell of origin controls epithelial-to-mesenchymal transition in skin squamous cell carcinoma. <i>Stem Cell Investigation</i> , 2017, 4, 34-34.	3.0	2
39	Tamoxifen induces stem-like phenotypes and multidrug resistance by altering epigenetic regulators in ER ⁺ breast cancer cells. <i>Stem Cell Investigation</i> , 2020, 7, 20-20.	3.0	2
40	Sa1824 Dietary Pectin Increases Intestinal Crypt Stem Cell Survival Following Radiation Injury. <i>Gastroenterology</i> , 2012, 142, S-334.	1.3	1
41	Reverse engineering a predictive signature characterized by proliferation, DNA damage, and immune escape from stage I lung adenocarcinoma recurrence. <i>Acta Biochimica Et Biophysica Sinica</i> , 2020, 52, 638-653.	2.0	1
42	LFA ⁺ , a Selective Inhibitor of Microsomal Prostaglandin Synthase ⁺ and 5 ⁺ Lipoxygenase: Prevention of Inflammatory and Oncologic Diseases. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	1
43	Abstract 4220: Silencing DCLK1 prevents breast cancer cell self-renewal, epithelial mesenchymal transition, circulating tumor cells and metastasis. , 2015, , .		1
44	Abstract 2493: Knocking down the expression of DCLK1 reduces mammary tumor formation, tumor cell self-renewal and metastasis: DCLK1 a novel therapeutic target in breast cancer. <i>Cancer Research</i> , 2016, 76, 2493-2493.	0.9	1
45	M1837 Nuclear Factor- κ B Regulates Functional Cross-Talk Between the Stroma and the Colonic Epithelium. <i>Gastroenterology</i> , 2010, 138, S-429.	1.3	0
46	Functional Cross-Talk Between the Wnt and Notch Pathways Regulate Hyperplasia and/or Colitis in Response to Bacterial Infection. <i>Gastroenterology</i> , 2011, 140, S-56.	1.3	0
47	NF- κ B Regulates Splenomegaly in Response to Bacterial Infection. <i>Gastroenterology</i> , 2011, 140, S-325.	1.3	0
48	Tu1889 Evidence of Functional Cross-Talk Between the Notch and NF- κ B Pathways in Non-Neoplastic Hyperproliferating Colonic Epithelium. <i>Gastroenterology</i> , 2012, 142, S-870.	1.3	0
49	Sa1800 Systemic Delivery of Nanoparticle-Encapsulated siRNA Targeting DCAMKL-1 Results in Reduced Intestinal Polyposis in APCMIN/+ Mice. <i>Gastroenterology</i> , 2012, 142, S-329.	1.3	0
50	Su1842 Role of DCAMKL-1+ Stem Cells in Epithelial-Mesenchymal Transition and Intestinal Neoplasia. <i>Gastroenterology</i> , 2012, 142, S-517.	1.3	0
51	Tu1735 DCLK1 Deletion in Mouse Small Intestinal Tuft Cells Results in Impaired Epithelial Restoration Following Radiation Injury. <i>Gastroenterology</i> , 2013, 144, S-833-S-834.	1.3	0
52	Mo1805 Ablation of DCLK1 in Intestinal Epithelium Exacerbates Colonic Epithelial Barrier Damage in Response to DSS Treatment. <i>Gastroenterology</i> , 2013, 144, S-668.	1.3	0
53	404 Functional Significance of DCLK1 in the Regulation of Molecular Signaling Is Critical for Intestinal Epithelial Cell Functioning/Survival Following 24h Radiation Injury. <i>Gastroenterology</i> , 2013, 144, S-78-S-79.	1.3	0
54	241 Small Molecule Inhibitors Xmd8-92 and Pv1019 Inhibit Pancreatic Tumor Xenograft Growth via a DCLK1 Dependent Mechanism. <i>Gastroenterology</i> , 2013, 144, S-53.	1.3	0

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55	Tu1693 DCLK1 Enhances Epithelial Pluripotency and Oncogenic Signaling During Intestinal Tumor Progression. <i>Gastroenterology</i> , 2014, 146, S-820.	1.3	0
56	Su1862 RNA Binding Protein Musashi-1 Regulates Tumorigenesis and Angiogenesis via MicroRNA-Dependent Mechanism. <i>Gastroenterology</i> , 2014, 146, S-488.	1.3	0
57	Su1997 Ablation of Mesenchymal DCLK1 by the Foxl1-Cre Promoter Results in Increased Epithelial Tuft Cells. <i>Gastroenterology</i> , 2014, 146, S-518.	1.3	0
58	Tu1216 DCLK1 Regulates Intestinal Epithelial Self-Renewal, Survival Signaling Pathways and DNA Repair Machinery in Response to Genotoxic Injury. <i>Gastroenterology</i> , 2014, 146, S-786.	1.3	0
59	Mo1929 Small-Molecule Parkinson's Disease Kinase Inhibitor LRRK2-in-1 Demonstrates Potent Anti-Cancer Activity Through Inhibition of DCLK1. <i>Gastroenterology</i> , 2014, 146, S-694.	1.3	0
60	Su2006 The DCLK1 Tumor Stem Cell Marker Is a Central Regulatory Component of the Epithelial-Mesenchymal Transition Program in Colorectal Cancer. <i>Gastroenterology</i> , 2015, 148, S-573.	1.3	0
61	Su2005 DCLK1 Promotes Pancreatic Cancer Cell Clonogenicity and Invasiveness. <i>Gastroenterology</i> , 2015, 148, S-572-S-573.	1.3	0
62	130 DCLK1 Regulates COX-2 via miR-144 microRNA-Dependent Mechanism. <i>Gastroenterology</i> , 2015, 148, S-34.	1.3	0
63	674 dclk1+ Tuft Cells Display Quiescent Stem Cell-Like Properties in the Small Intestine. <i>Gastroenterology</i> , 2015, 148, S-130.	1.3	0
64	Sa1426 Dclk1+ Tuft Cells Regulate IEC Self-Renewal and Survival in Response to Injury via a Prostanoids/Prostaglandin Dependent Mechanism. <i>Gastroenterology</i> , 2016, 150, S312.	1.3	0
65	197 Tempol, Telmisartan, and Yk-4-250 Act As Radiation Mitigators, Prevent GI Acute Radiation Syndrome, and Promote Overall Survival Following Radiation Injury. <i>Gastroenterology</i> , 2016, 150, S51-S52.	1.3	0
66	Su1998 Comparison of DCLK1 Levels in Esophageal Adenocarcinoma Pre- and Post-Treatment. <i>Gastroenterology</i> , 2016, 150, S605-S606.	1.3	0
67	Su2004 A 15-miRNA-Surrogate Signature for Doublecortin-Like Kinase 1 Tumor Stem Cell Marker Activity Predicts Survival in Colon, Pancreatic, and Stomach Cancer. <i>Gastroenterology</i> , 2016, 150, S607-S608.	1.3	0
68	DCLK1 and DNA Damage Response. , 0, , .		0
69	Abstract 5654: Novel changes in colonic epithelial junctional complexes precede onset of colitis in response to <i>Citrobacter rodentium</i> infection. , 2010, , .		0
70	Abstract 2833: Functional cross-talk between the Wnt and Notch pathways regulate hyperplasia and/or colitis in response to bacterial infection. , 2011, , .		0
71	Abstract 1404: Bacterial infection-induced epithelial-to-mesenchymal transition (EMT) of colonic crypt cells with acquired characteristics of stem cells promotes spheroid/organoid formation <i>in vitro</i> and tumorigenesis <i>in vivo</i> . , 2012, , .		0
72	Abstract 4552: Trimethoxy-cis-stilbene exhibits potent anti-tumor activities via suppression of AKT signaling and cell cycle arrest in virus-induced hepatocellular carcinoma. , 2014, , .		0

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73	Abstract 3171: Overexpression of a cancer stem cell marker doublecortin-like kinase (DCLK1) leads to activation of inflammatory cascade during development of virus-induced hepatocellular carcinoma. , 2014, , .		0
74	Abstract LB-48: DCLK1 targeted monoclonal antibodies demonstrate therapeutic potential against pancreatic ductal adenocarcinoma. , 2014, , .		0
75	Abstract 4374: DCLK1 is a broadly dysregulated target against epithelial-mesenchymal transition, focal adhesion, and stemness in clear cell renal carcinoma. , 2015, , .		0
76	Abstract 2239: The tumor stem cell marker doublecortin-like kinase (DCLK1) activates inflammatory and carcinogenic signals in hepatocellular carcinoma. , 2015, , .		0
77	Abstract 1731: Overexpression of DCLK1 in pancreatic cancer activates KRAS/PI3K/MTOR pathway signaling and supports tumorigenesis, invasiveness, and stemness. , 2016, , .		0
78	Abstract 3361: Targeting tumor/cancer stem cell marker DCLK1 for the treatment of hepatocellular carcinoma and erlotinib-resistant lung adenocarcinoma using Z-3,5,4â€™-Trimethoxystilbene (Z-TMS). , 2016, , .		0
79	Abstract 3340: Doublecortin-like kinase 1 marks cancer stem-like cells and modulates drug-resistance, self-renewal, and tumorigenesis in renal cancer. , 2016, , .		0
80	Abstract 3888: DCLK1 is part of an EMT feedback loop and promotes colorectal cancer cell invasion and drug resistance. , 2017, , .		0
81	Abstract 3884: A tumor stem cell marker DCLK1 promotes hepatocellular carcinoma by regulating β -catenin, EMT and clonogenic properties of hepatocytes. , 2017, , .		0
82	Abstract 4147: DCLK1 a novel therapeutic target in non-small cell lung cancer. , 2017, , .		0
83	Abstract 3611: Serum DCLK1 levels are elevated in melanoma patients and it is a novel predictive marker for survival and response. , 2018, , .		0
84	Abstract 2594: A multigene recurrence signature identifies highly proliferative tumors that escape immune surveillance in early stage lung and pancreas adenocarcinoma. , 2018, , .		0
85	DCLK1 Regulates Pluripotency and Angiogenic Factors via microRNA-Dependent Mechanisms in Pancreatic Cancer. , 2019, , 1-32.		0
86	Abstract 4034: DCLK1 is upregulated in melanoma and it is a novel predictive marker for survival and response. , 2019, , .		0
87	Abstract 1005: Tamoxifen treatment induces the epigenetic changes in breast cancer stem cells. , 2019, , .		0
88	Abstract 2119: DCLK1 regulates ATR-DNA damage response for KRAS mutant lung cancer drug resistance and stemness. , 2019, , .		0
89	Abstract 4673: DCLK1 promotes hepatocellular carcinoma via atypical β -catenin-regulated signaling and immune suppression. , 2019, , .		0
90	Abstract 3829: Dclk1 expressing crypt epithelial cells become tumor initiating stem cells in an inflammation associated environment. , 2020, , .		0

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91	Abstract 6364: LFA-9, a dual mPGES-1 and 5-LOX inhibitor, suppresses colon cancer stemness and inflammogen-induced inflammatory response. , 2020, , .		0
92	Abstract 2830: The impact of gut microbial toxins and PGE2on IL-23 production and its role in obesity associated colorectal tumorigenesis. , 2020, , .		0
93	Abstract 1005: Tamoxifen treatment induces the epigenetic changes in breast cancer stem cells. , 2019, , .		0
94	Abstract 4034: DCLK1 is upregulated in melanoma and it is a novel predictive marker for survival and response. , 2019, , .		0
95	Abstract 2119: DCLK1 regulates ATR-DNA damage response for KRAS mutant lung cancer drug resistance and stemness. , 2019, , .		0
96	Abstract 4673: DCLK1 promotes hepatocellular carcinoma via atypical β -catenin-regulated signaling and immune suppression. , 2019, , .		0