Darrell J Yamashiro

List of Publications by Year
in descending order

86 papers	4,343 citations	126907 33 h-index	106344 65 g-index
88 all docs	88 docs citations	88 times ranked	5129 citing authors

#	Article	IF	Citations
1	Segregation of transferrin to a mildly acidic (pH 6.5) para-golgi compartment in the recycling pathway. Cell, 1984, 37, 789-800.	28.9	566
2	Potent VEGF blockade causes regression of coopted vessels in a model of neuroblastoma. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 11399-11404.	7.1	305
3	Phase I Trial and Pharmacokinetic Study of Bevacizumab in Pediatric Patients With Refractory Solid Tumors: A Children's Oncology Group Study. Journal of Clinical Oncology, 2008, 26, 399-405.	1.6	240
4	Regression of established tumors and metastases by potent vascular endothelial growth factor blockade. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 7785-7790.	7.1	234
5	Biology and Genetics of Human Neuroblastomas. The American Journal of Pediatric Hematology/oncology, 1997, 19, 93-101.	1.3	205
6	VEGF blocking therapy in the treatment of cancer. Expert Opinion on Biological Therapy, 2003, 3, 263-276.	3.1	159
7	HAUSP deubiquitinates and stabilizes N-Myc in neuroblastoma. Nature Medicine, 2016, 22, 1180-1186.	30.7	158
8	A Notch1 Ectodomain Construct Inhibits Endothelial Notch Signaling, Tumor Growth, and Angiogenesis. Cancer Research, 2008, 68, 4727-4735.	0.9	147
9	Implementation of next generation sequencing into pediatric hematology-oncology practice: moving beyond actionable alterations. Genome Medicine, 2016, 8, 133.	8.2	147
10	Identification of a patient with Bernard-Soulier syndrome and a deletion in the DiGeorge/Velo-cardio-facial chromosomal region in 22q11.2. Human Molecular Genetics, 1995, 4, 763-766.	2.9	144
11	Acidification of endocytic compartments and the intracellular pathways of ligands and receptors. Journal of Cellular Biochemistry, 1984, 26, 231-246.	2.6	125
12	Anti-VEGF antibody suppresses primary tumor growth and metastasis in an experimental model of Wilms' tumor. Journal of Pediatric Surgery, 2000, 35, 30-33.	1.6	115
13	Polyplex-microbubble hybrids for ultrasound-guided plasmid DNA delivery to solid tumors. Journal of Controlled Release, 2012, 157, 224-234.	9.9	112
14	Endosome Acidification and the Pathways of Receptor-Mediated Endocytosis. Advances in Experimental Medicine and Biology, 1987, 225, 189-198.	1.6	99
15	Vascular Remodeling Marks Tumors That Recur During Chronic Suppression of Angiogenesis. Molecular Cancer Research, 2004, 2, 36-42.	3.4	90
16	Cloning and chromosomal localization of the human TRK-B tyrosine kinase receptor gene (NTRK2). Genomics, 1995, 25, 538-546.	2.9	88
17	Vascular remodeling and clinical resistance to antiangiogenic cancer therapy. Drug Resistance Updates, 2004, 7, 289-300.	14.4	82
18	Highly specific antiangiogenic therapy is effective in suppressing growth of experimental Wilms tumors. Journal of Pediatric Surgery, 2001, 36, 357-361.	1.6	65

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19	PDE-constrained multispectral imaging of tissue chromophores with the equation of radiative transfer. Biomedical Optics Express, 2010, 1, 812.	2.9	65
20	Multipoint analysis of human chromosome 11p15/mouse distal chromosome 7: inclusion of H19/IGF2 in the minimal WT2 region, gene specificity of H19 silencing in Wilms' tumorigenesis and methylation hyper-dependence of H19 imprinting. Human Molecular Genetics, 1999, 8, 1337-1352.	2.9	64
21	Genomic Profiling Maps Loss of Heterozygosity and Defines the Timing and Stage Dependence of Epigenetic and Genetic Events in Wilms' Tumors. Molecular Cancer Research, 2005, 3, 493-502.	3.4	62
22	Combination antiangiogenic therapy: Increased efficacy in a murine model of Wilms tumor. Journal of Pediatric Surgery, 2001, 36, 1177-1181.	1.6	61
23	Contrast Ultrasound Imaging for Identification of Early Responder Tumor Models to Anti-Angiogenic Therapy. Ultrasound in Medicine and Biology, 2012, 38, 1019-1029.	1.5	53
24	Regulation of endocytic processes by pH. Trends in Pharmacological Sciences, 1988, 9, 190-193.	8.7	52
25	Biomolecular markers and involution of hemangiomas. Journal of Pediatric Surgery, 2004, 39, 400-404.	1.6	49
26	Notch Suppresses Angiogenesis and Progression of Hepatic Metastases. Cancer Research, 2015, 75, 1592-1602.	0.9	45
27	Suppression of primary tumor growth in a mouse model of human neuroblastoma. Journal of Pediatric Surgery, 2000, 35, 977-981.	1.6	41
28	Distinct response of experimental neuroblastoma to combination antiangiogenic strategies. Journal of Pediatric Surgery, 2002, 37, 518-522.	1.6	41
29	Chromosome arm 16q in Wilms tumors: Unbalanced chromosomal translocations, loss of heterozygosity, and assessment of theCTCF gene. Genes Chromosomes and Cancer, 2002, 35, 156-163.	2.8	40
30	The association between neuroblastoma and opsoclonus-myoclonus syndrome: a historical review. Pediatric Radiology, 2009, 39, 723-726.	2.0	40
31	Kinetics of ?2-macroglobulin endocytosis and degradation in mutant and wild-type Chinese hamster ovary cells. Journal of Cellular Physiology, 1989, 139, 377-382.	4.1	39
32	All angiogenesis is not the same: Distinct patterns of response to antiangiogenic therapy in experimental neuroblastoma and Wilms tumor. Journal of Pediatric Surgery, 2001, 36, 287-290.	1.6	37
33	Novel use of an established agent: Topotecan is anti-angiogenic in experimental Wilms tumor. Journal of Pediatric Surgery, 2001, 36, 1781-1784.	1.6	35
34	Anti-VEGF antibody in experimental hepatoblastoma: Suppression of tumor growth and altered angiogenesis. Journal of Pediatric Surgery, 2003, 38, 308-314.	1.6	32
35	Notch and VEGF pathways play distinct but complementary roles in tumor angiogenesis. Vascular Cell, 2013, 5, 17.	0.2	31
36	High-Dose, Single-Fraction Irradiation Rapidly Reduces Tumor Vasculature and Perfusion in a Xenograft Model of Neuroblastoma. International Journal of Radiation Oncology Biology Physics, 2016, 94, 1173-1180.	0.8	28

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37	Structure-Activity Relationships of Somatostatin Analogs in the Rabbit Ileum and the Rat Colon. Journal of Clinical Investigation, 1983, 71, 840-849.	8.2	28
38	Topotecan is anti-angiogenic in experimental hepatoblastoma. Journal of Pediatric Surgery, 2002, 37, 857-861.	1.6	26
39	Human epidermal growth factor receptor signaling contributes to tumor growth via angiogenesis in her2/neu-expressing experimental Wilmsâ€™ tumor. Journal of Pediatric Surgery, 2003, 38, 1569-1573.	1.6	25
40	Reversible posterior leukoencephalopathy syndrome in a child treated with bevacizumab. Pediatric Blood and Cancer, 2009, 52, 669-671.	1.5	25
41	Clinical Development of VEGF Signaling Pathway Inhibitors in Childhood Solid Tumors. Oncologist, 2011, 16, 1614-1625.	3.7	23
42	Monitoring early tumor response to drug therapy with diffuse optical tomography. Journal of Biomedical Optics, 2012, 17, 016014.	2.6	23
43	A screen for inducers of p21waf1/cip1 identifies HIF prolyl hydroxylase inhibitors as neuroprotective agents with antitumor properties. Neurobiology of Disease, 2013, 49, 13-21.	4.4	23
44	Transcription factor activating protein 4 is synthetically lethal and a master regulator of MYCN-amplified neuroblastoma. Oncogene, 2018, 37, 5451-5465.	5.9	22
45	TNP-470 promotes initial vascular sprouting in xenograft tumors. Molecular Cancer Therapeutics, 2004, 3, 335-43.	4.1	22
46	ACIDIFICATION OF ENDOCYTIC VESICLES AND THE INTRACELLULAR PATHWAYS OF LIGANDS AND RECEPTORS. Annals of the New York Academy of Sciences, 1983, 421, 424-433.	3.8	21
47	P53 accumulation in favorable-histology Wilms tumor is associated with angiogenesis and clinically aggressive disease. Journal of Pediatric Surgery, 2002, 37, 523-527.	1.6	19
48	Correlation of tumor-associated macrophages and clinicopathological factors in Wilms tumor. Vascular Cell, 2013, 5, 5.	0.2	16
49	Malignant Rhabdoid Tumor, an Aggressive Tumor Often Misclassified as Small Cell Variant of Hepatoblastoma. Cancers, 2019, 11, 1992.	3.7	16
50	Vascular characterization of clear cell sarcoma of the kidney in a child: a case report and review. Journal of Pediatric Surgery, 2009, 44, 2031-2036.	1.6	15
51	A case study of an integrative genomic and experimental therapeutic approach for rare tumors: identification of vulnerabilities in a pediatric poorly differentiated carcinoma. Genome Medicine, 2016, 8, 116.	8.2	15
52	Effects of potent VEGF blockade on experimental Wilms tumor and its persisting vasculature. International Journal of Oncology, 2004, 25, 549.	3.3	14
53	Vascular endothelial growth factor blockade rapidly elicits alternative proangiogenic pathways in neuroblastoma. International Journal of Oncology, 2009, 34, 401-7.	3.3	14
54	Stable liver graft post antiâ€PD1 therapy as a bridge to transplantation in an adolescent with hepatocellular carcinoma. Pediatric Transplantation, 2022, 26, e14209.	1.0	11

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55	Inhibition of cyclo-oxygenase 2 reduces tumor metastasis and inflammatory signaling during blockade of vascular endothelial growth factor. Vascular Cell, 2011, 3, 22.	0.2	10
56	High-Dose Radiation Increases Notch1 in Tumor Vasculature. International Journal of Radiation Oncology Biology Physics, 2020, 106, 857-866.	0.8	10
57	Thalidomide is anti-angiogenic in a xenograft model of neuroblastoma. International Journal of Oncology, 2003, 23, 1651.	3.3	9
58	A Challenging Case of Hepatoblastoma Concomitant with Autosomal Recessive Polycystic Kidney Disease and Caroli Syndromeâ€"Review of the Literature. Frontiers in Pediatrics, 2017, 5, 114.	1.9	8
59	Disseminated trichosporonosis with atypical histologic findings in a patient with acute lymphocytic leukemia. Journal of Cutaneous Pathology, 2019, 46, 159-161.	1.3	8
60	Resistance of a VEGF-producing tumor to anti-VEGF antibody: Unimpeded growth of human rhabdoid tumor xenografts. Journal of Pediatric Surgery, 2002, 37, 528-532.	1.6	7
61	Biology and Genetics of Human Neuroblastomas. Journal of Pediatric Hematology/Oncology, 1997, 19, 93???101.	0.6	7
62	Erythema nodosum arising during everolimus therapy for tuberous sclerosis complex. Pediatric Dermatology, 2018, 35, e235-e236.	0.9	6
63	Polyplex-microbubbles for ultrasound-mediated gene therapy. Proceedings of Meetings on Acoustics, 2013, , .	0.3	4
64	Blockade of her2/neu decreases VEGF expression but does not alter HIF-1 distribution in experimental Wilms tumor. Oncology Reports, 0, , .	2.6	4
65	Monitoring of anti-angiogenic drug response with dynamic fluorescence imaging. , 2010, , .		2
66	A Common Symptom of an Uncommon Disease. Journal of Pediatric Hematology/Oncology, 2011, 33, 390-391.	0.6	2
67	INI1 negative hepatoblastoma, a vanishing entity representing malignant rhabdoid tumor. Human Pathology: Case Reports, 2018, 12, 42-47.	0.2	2
68	Dynamic Fluorescence Imaging For The Detection of Vascular Changes in Anti-Angiogenic Drug Therapy. , 2010, , .		2
69	Novel CD63â€PRKCB fusion in a case of pigmented epithelioid melanocytoma. Pediatric Dermatology, 2022, 39, 322-323.	0.9	2
70	Transport-theory based multispectral imaging with PDE-constrained optimization. , 2011, , .		1
71	Abstract 1946: Activating transcription factor 5 (ATF5) in highly expressed in Stage 4, MYCN-amplified neuroblastoma. , 2015, , .		1
72	Abstract 702: A novel cell-penetrating ATF5 antagonist peptide CP-d/n-ATF5 exertsin vitroandin vivoanti-tumor effects in a broad spectrum of pediatric cancers. , 2017, , .		1

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73	Early Detection of Tumor Vascular Response to Anti-Angiogenic Drugs with Optical Tomography. , 2010, , .		1
74	VEGF blocking therapy in the treatment of cancer. Expert Opinion on Biological Therapy, 2003, 3, 263-276.	3.1	1
75	Inhibition of notch promotes liver metastasis. Aging, 2015, 7, 603-604.	3.1	1
76	Comparing tumor response to VEGF blockade therapy using high frequency ultrasound imaging with size-selected microbubble contrast agents. , 2010, , .		0
77	Optical tomographic monitoring of vascular responses to anti-angiogenic drugs in preclinical tumor models. , 2011, , .		0
78	Inhibition of host Notch function disrupts hepatic vasculature, and promotes tumor growth. Journal of the American College of Surgeons, 2012, 215, S70-S71.	0.5	0
79	Notch1 Signaling in Neuroblastoma Tumor Vasculature after High-Dose Radiation Therapy. Journal of the American College of Surgeons, 2018, 227, S198.	0.5	0
80	4304 Immune markers in tumor immune microenvironment of neuroblastoma correlate with risk groups. Journal of Clinical and Translational Science, 2020, 4, 136-136.	0.6	0
81	Optical Tomographic Imaging of Tumor Hemodynamics during Anti-VEGF Treatment in Mice. , 2006, , .		0
82	Angiogenesis in Tumour Development and Metastasis. , 2010, , 81-93.		0
83	Abstract 1282: Notch and VEGF regulate tumor endothelial cell survival. , 2010, , .		0
84	Abstract 2325: Increase in neuroblastoma metastasis after dual inhibition of VEGF and Notch. , 2012, , .		0
85	Abstract 2083: TFAP4 inhibits differentiation of MYCN-amplified neuroblastoma. , 2015, , .		0
86	Abstract A27: INI1 negative hepatoblastoma, a vanishing entity representing malignant rhabdoid tumor. , 2016, , .		0