

Yusuke Shiozawa

List of Publications by Year in descending order

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Version: 2024-02-01

98
papers

8,277
citations

87843

38
h-index

51562

86
g-index

101
all docs

101
docs citations

101
times ranked

13276
citing authors

#	ARTICLE	IF	CITATIONS
1	Mutational landscape and clonal architecture in grade II and III gliomas. <i>Nature Genetics</i> , 2015, 47, 458-468.	9.4	729
2	Integrated molecular analysis of adult T cell leukemia/lymphoma. <i>Nature Genetics</i> , 2015, 47, 1304-1315.	9.4	659
3	Human prostate cancer metastases target the hematopoietic stem cell niche to establish footholds in mouse bone marrow. <i>Journal of Clinical Investigation</i> , 2011, 121, 1298-1312.	3.9	628
4	Age-related remodelling of oesophageal epithelia by mutated cancer drivers. <i>Nature</i> , 2019, 565, 312-317.	13.7	476
5	The Role of CXCR7/RDC1 as a Chemokine Receptor for CXCL12/SDF-1 in Prostate Cancer. <i>Journal of Biological Chemistry</i> , 2008, 283, 4283-4294.	1.6	412
6	Implications of TP53 allelic state for genome stability, clinical presentation and outcomes in myelodysplastic syndromes. <i>Nature Medicine</i> , 2020, 26, 1549-1556.	15.2	372
7	Dynamics of clonal evolution in myelodysplastic syndromes. <i>Nature Genetics</i> , 2017, 49, 204-212.	9.4	348
8	Recruitment of mesenchymal stem cells into prostate tumours promotes metastasis. <i>Nature Communications</i> , 2013, 4, 1795.	5.8	342
9	Genetic abnormalities in myelodysplasia and secondary acute myeloid leukemia: impact on outcome of stem cell transplantation. <i>Blood</i> , 2017, 129, 2347-2358.	0.6	268
10	GAS6/AXL Axis Regulates Prostate Cancer Invasion, Proliferation, and Survival in the Bone Marrow Niche. <i>Neoplasia</i> , 2010, 12, 116-124.	2.3	263
11	Annexin II/Annexin II receptor axis regulates adhesion, migration, homing, and growth of prostate cancer. <i>Journal of Cellular Biochemistry</i> , 2008, 105, 370-380.	1.2	215
12	Cancer stem cells and their role in metastasis. , 2013, 138, 285-293.		203
13	Recurrent somatic mutations underlie corticotropin-independent Cushing's syndrome. <i>Science</i> , 2014, 344, 917-920.	6.0	177
14	Frequent mutations that converge on the NFKBIZ pathway in ulcerative colitis. <i>Nature</i> , 2020, 577, 260-265.	13.7	168
15	Hematopoietic Stem Cells Regulate Mesenchymal Stromal Cell Induction into Osteoblasts Thereby Participating in the Formation of the Stem Cell Niche. <i>Stem Cells</i> , 2008, 26, 2042-2051.	1.4	159
16	Integrated genetic and epigenetic analysis defines novel molecular subgroups in rhabdomyosarcoma. <i>Nature Communications</i> , 2015, 6, 7557.	5.8	149
17	Molecular heterogeneity in peripheral T-cell lymphoma, not otherwise specified revealed by comprehensive genetic profiling. <i>Leukemia</i> , 2019, 33, 2867-2883.	3.3	148
18	Annexin II expressed by osteoblasts and endothelial cells regulates stem cell adhesion, homing, and engraftment following transplantation. <i>Blood</i> , 2007, 110, 82-90.	0.6	143

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19	Erythropoietin Couples Hematopoiesis with Bone Formation. <i>PLoS ONE</i> , 2010, 5, e10853.	1.1	138
20	Prognostic relevance of integrated genetic profiling in adult T-cell leukemia/lymphoma. <i>Blood</i> , 2018, 131, 215-225.	0.6	124
21	GAS6 Receptor Status Is Associated with Dormancy and Bone Metastatic Tumor Formation. <i>PLoS ONE</i> , 2013, 8, e61873.	1.1	109
22	Bone marrow as a metastatic niche for disseminated tumor cells from solid tumors. <i>BoneKEy Reports</i> , 2015, 4, 689.	2.7	104
23	Variegated RHOA mutations in adult T-cell leukemia/lymphoma. <i>Blood</i> , 2016, 127, 596-604.	0.6	98
24	Frequent structural variations involving programmed death ligands in Epstein-Barr virus-associated lymphomas. <i>Leukemia</i> , 2019, 33, 1687-1699.	3.3	98
25	Genomic landscape and clonal evolution of acute myeloid leukemia with t(8;21): an international study on 331 patients. <i>Blood</i> , 2019, 133, 1140-1151.	0.6	96
26	Skeletal complications in cancer patients with bone metastases. <i>International Journal of Urology</i> , 2016, 23, 825-832.	0.5	95
27	Secreted Protein Acidic and Rich in Cysteine (SPARC) Mediates Metastatic Dormancy of Prostate Cancer in Bone. <i>Journal of Biological Chemistry</i> , 2016, 291, 19351-19363.	1.6	89
28	Hematopoietic Stem Cell Niche Is a Potential Therapeutic Target for Bone Metastatic Tumors. <i>Clinical Cancer Research</i> , 2011, 17, 5553-5558.	3.2	81
29	Exosomal miR-19a and IBSP cooperate to induce osteolytic bone metastasis of estrogen receptor-positive breast cancer. <i>Nature Communications</i> , 2021, 12, 5196.	5.8	74
30	Molecular classification and diagnostics of upper urinary tract urothelial carcinoma. <i>Cancer Cell</i> , 2021, 39, 793-809.e8.	7.7	65
31	Gene expression and risk of leukemic transformation in myelodysplasia. <i>Blood</i> , 2017, 130, 2642-2653.	0.6	64
32	Physiological Srsf2 P95H expression causes impaired hematopoietic stem cell functions and aberrant RNA splicing in mice. <i>Blood</i> , 2018, 131, 621-635.	0.6	64
33	Mer Tyrosine Kinase Regulates Disseminated Prostate Cancer Cellular Dormancy. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 891-902.	1.2	63
34	Tissue engineering a surrogate niche for metastatic cancer cells. <i>Biomaterials</i> , 2015, 51, 313-319.	5.7	61
35	The marrow niche controls the cancer stem cell phenotype of disseminated prostate cancer. <i>Oncotarget</i> , 0, 7, 41217-41232.	0.8	57
36	GAS6/Mer axis regulates the homing and survival of the E2A/PBX1-positive B-cell precursor acute lymphoblastic leukemia in the bone marrow niche. <i>Experimental Hematology</i> , 2010, 38, 132-140.	0.2	56

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37	Prevalence of Prostate Cancer Metastases after Intravenous Inoculation Provides Clues into the Molecular Basis of Dormancy in the Bone Marrow Microenvironment. <i>Neoplasia</i> , 2012, 14, 429-439.	2.3	51
38	Combined Cohesin/RUNX1 Deficiency Synergistically Perturbs Chromatin Looping and Causes Myelodysplastic Syndromes. <i>Cancer Discovery</i> , 2020, 10, 836-853.	7.7	51
39	A novel method for monitoring tumor proliferation in vivo using fluorescent dye DiD. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2014, 85, 548-555.	1.1	48
40	Single-cell analysis based dissection of clonality in myelofibrosis. <i>Nature Communications</i> , 2020, 11, 73.	5.8	46
41	Annexin-2 is a regulator of stromal cell-derived factor-1/CXCL12 function in the hematopoietic stem cell endosteal niche. <i>Experimental Hematology</i> , 2011, 39, 151-166.e1.	0.2	45
42	Clonal evolution and clinical implications of genetic abnormalities in blastic transformation of chronic myeloid leukaemia. <i>Nature Communications</i> , 2021, 12, 2833.	5.8	39
43	Mouse models for studying prostate cancer bone metastasis. <i>BoneKey Reports</i> , 2016, 5, 777.	2.7	37
44	Getting blood from bone: An emerging understanding of the role that osteoblasts play in regulating hematopoietic stem cells within their niche. <i>Experimental Hematology</i> , 2012, 40, 685-694.	0.2	35
45	Annexin 2/CXCL12 Interactions Regulate Metastatic Cell Targeting and Growth in the Bone Marrow. <i>Molecular Cancer Research</i> , 2015, 13, 197-207.	1.5	35
46	Molecular Pathways: Niches in Metastatic Dormancy. <i>Clinical Cancer Research</i> , 2014, 20, 3384-3389.	3.2	34
47	De Novo Mutations Activating Germline TP53 in an Inherited Bone-Marrow-Failure Syndrome. <i>American Journal of Human Genetics</i> , 2018, 103, 440-447.	2.6	33
48	Landscape of driver mutations and their clinical impacts in pediatric B-cell precursor acute lymphoblastic leukemia. <i>Blood Advances</i> , 2020, 4, 5165-5173.	2.5	33
49	Bone Marrow Microenvironment as a Regulator and Therapeutic Target for Prostate Cancer Bone Metastasis. <i>Calcified Tissue International</i> , 2018, 102, 152-162.	1.5	29
50	Molecular pathogenesis of disease progression in MLL-rearranged AML. <i>Leukemia</i> , 2019, 33, 612-624.	3.3	26
51	Detection of the G17V RHOA Mutation in Angioimmunoblastic T-Cell Lymphoma and Related Lymphomas Using Quantitative Allele-Specific PCR. <i>PLoS ONE</i> , 2014, 9, e109714.	1.1	24
52	BRCC3 mutations in myeloid neoplasms. <i>Haematologica</i> , 2015, 100, 1051-7.	1.7	20
53	Role of the Bone Microenvironment in the Development of Painful Complications of Skeletal Metastases. <i>Cancers</i> , 2018, 10, 141.	1.7	20
54	Genetic and clinical landscape of breast cancers with germline BRCA1/2 variants. <i>Communications Biology</i> , 2020, 3, 578.	2.0	20

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55	Models of Prostate Cancer Bone Metastasis. <i>Methods in Molecular Biology</i> , 2019, 1914, 295-308.	0.4	17
56	TP53 State Dictates Genome Stability, Clinical Presentation and Outcomes in Myelodysplastic Syndromes. <i>Blood</i> , 2019, 134, 675-675.	0.6	17
57	Interactions Between Disseminated Tumor Cells and Bone Marrow Stromal Cells Regulate Tumor Dormancy. <i>Current Osteoporosis Reports</i> , 2018, 16, 596-602.	1.5	16
58	Activated mast cells in skeletal muscle can be a potential mediator for cancer-associated cachexia. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2021, 12, 1079-1097.	2.9	15
59	Clonally related diffuse large B-cell lymphoma and interdigitating dendritic cell sarcoma sharing MYC translocation. <i>Haematologica</i> , 2018, 103, e553-e556.	1.7	14
60	DNA methylation-based classification reveals difference between pediatric T-cell acute lymphoblastic leukemia and normal thymocytes. <i>Leukemia</i> , 2020, 34, 1163-1168.	3.3	14
61	Landscape Of Genetic Lesions In 944 Patients With Myelodysplastic Syndromes. <i>Blood</i> , 2013, 122, 521-521.	0.6	14
62	The landscape of genetic aberrations in myxofibrosarcoma. <i>International Journal of Cancer</i> , 2022, 151, 565-577.	2.3	13
63	Dysfunctional Niches as a Root of Hematopoietic Malignancy. <i>Cell Stem Cell</i> , 2010, 6, 399-400.	5.2	12
64	Neuromuscular ultrasound for taxane peripheral neuropathy in breast cancer. <i>Muscle and Nerve</i> , 2020, 61, 587-594.	1.0	12
65	Erythropoietin supports the survival of prostate cancer, but not growth and bone metastasis. <i>Journal of Cellular Biochemistry</i> , 2013, 114, 2471-2478.	1.2	11
66	Association of high-risk neuroblastoma classification based on expression profiles with differentiation and metabolism. <i>PLoS ONE</i> , 2021, 16, e0245526.	1.1	11
67	Cancer stem cells and the bone marrow microenvironment. <i>BoneKEy Reports</i> , 2012, 1, .	2.7	10
68	The ABC7 regimen: a new approach to metastatic breast cancer using seven common drugs to inhibit epithelial-to-mesenchymal transition and augment capecitabine efficacy. <i>Breast Cancer: Targets and Therapy</i> , 2017, Volume 9, 495-514.	1.0	10
69	Usefulness of the measurement of neurite outgrowth of primary sensory neurons to study cancer-related painful complications. <i>Biochemical Pharmacology</i> , 2021, 188, 114520.	2.0	7
70	The Roles of Bone Marrow-Resident Cells as a Microenvironment for Bone Metastasis. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1226, 57-72.	0.8	6
71	Comprehensive Analysis of Aberrant RNA Splicing in Myelodysplastic Syndromes. <i>Blood</i> , 2014, 124, 826-826.	0.6	6
72	Genetic Analysis of Pheochromocytoma and Paraganglioma Complicating Cyanotic Congenital Heart Disease. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, 2545-2555.	1.8	6

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73	Genome analysis of myelodysplastic syndromes among atomic bomb survivors in Nagasaki. <i>Haematologica</i> , 2020, 105, 358-365.	1.7	5
74	Elucidating which cell erythropoietin targets in bone. <i>Nature Reviews Endocrinology</i> , 2015, 11, 263-264.	4.3	4
75	Chronological Analysis of Clonal Evolution in Acquired Aplastic Anemia. <i>Blood</i> , 2014, 124, 253-253.	0.6	4
76	Adeno-associated virus serotype rh10 is a useful gene transfer vector for sensory nerves that innervate bone in immunodeficient mice. <i>Scientific Reports</i> , 2017, 7, 17428.	1.6	3
77	Progress in Targeted Alpha-Particle-Emitting Radiopharmaceuticals as Treatments for Prostate Cancer Patients with Bone Metastases. <i>Molecules</i> , 2021, 26, 2162.	1.7	3
78	Prognostic Relevance of Genetic Abnormalities in Blastic Transformation of Chronic Myeloid Leukemia. <i>Blood</i> , 2020, 136, 3-4.	0.6	3
79	The gut microbiota can be a potential regulator and treatment target of bone metastasis. <i>Biochemical Pharmacology</i> , 2022, 197, 114916.	2.0	3
80	Two siblings with familial neuroblastoma with distinct clinical phenotypes harboring an <i>ALK</i> germline mutation. <i>Genes Chromosomes and Cancer</i> , 2018, 57, 665-669.	1.5	2
81	Osteoblasts derived from mouse mandible enhance tumor growth of prostate cancer more than osteoblasts derived from long bone. <i>Journal of Bone Oncology</i> , 2021, 26, 100346.	1.0	2
82	Detection and Isolation of Human Disseminated Tumor Cells in the Murine Bone Marrow Stem Cell Niche. <i>Methods in Molecular Biology</i> , 2013, 1035, 207-215.	0.4	2
83	Functional roles of neuromedin B and gastrin-releasing peptide in regulating itch and pain in the spinal cord of non-human primates. <i>Biochemical Pharmacology</i> , 2022, 198, 114972.	2.0	2
84	HSCs and niche relations marked by CD166. <i>Blood</i> , 2014, 124, 471-472.	0.6	1
85	Preclinical and clinical studies on cancer-associated cachexia. <i>Frontiers in Biology</i> , 2018, 13, 11-18.	0.7	1
86	Determining Competitive Potential of Bone Metastatic Cancer Cells in the Murine Hematopoietic Stem Cell Niche. <i>Methods in Molecular Biology</i> , 2018, 2002, 141-150.	0.4	1
87	Landscape of Genetic Alterations in Adult T-Cell Leukemia/Lymphoma. <i>Blood</i> , 2014, 124, 75-75.	0.6	1
88	Neuromuscular ultrasound for assessment of peripheral neuropathy in breast cancer patients receiving taxane therapy. <i>Journal of Clinical Oncology</i> , 2018, 36, e22083-e22083.	0.8	1
89	Functional roles of neuromedin B and gastrin-releasing peptide in regulating itch and pain in the spinal cord of primates. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	1
90	A Method of Bone-Metastatic Tumor Progression Assessment in Mice Using Longitudinal Radiography. <i>Methods in Molecular Biology</i> , 2022, 2413, 1-6.	0.4	1

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91	Genomic Mutation as A Potential Driver of The Development of Bone-Related Cancers. , 2020, , 273-280.		0
92	Genomic analysis of multiple myeloma using targeted capture sequencing in the Japanese cohort. British Journal of Haematology, 2020, 191, 755-763.	1.2	0
93	Novel Biological Effects and Distinct Patterns of Rhoa Mutations in Adult T-Cell Leukemia/Lymphoma and Angioimmunoblastic T Cell Lymphoma. Blood, 2014, 124, 2215-2215.	0.6	0
94	The landscape and clonal architecture in lower grade glioma.. Journal of Clinical Oncology, 2015, 33, 2008-2008.	0.8	0
95	Next-Generation Sequencing Reveal Proviral Genome and Transcriptome in Adult T-Cell Leukemia/Lymphoma. Blood, 2015, 126, 3882-3882.	0.6	0
96	Structural Variations Involving Programmed Death Ligands in B-Cell and T-Cell Lymphomas. Blood, 2016, 128, 4105-4105.	0.6	0
97	Non-invasive assessment of chemotherapy-induced peripheral neuropathy using neuromuscular ultrasound in breast cancer patients.. Journal of Clinical Oncology, 2019, 37, e23152-e23152.	0.8	0
98	Abstract 6085: Clonal evolution of mammary epithelial cells into breast cancers. Cancer Research, 2022, 82, 6085-6085.	0.4	0