

Yohei Shimono

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

5,744
citations

201575

27
h-index

133188

59
g-index

61
all docs

61
docs citations

61
times ranked

10357
citing authors

#	ARTICLE	IF	CITATIONS
1	Downregulation of miRNA-200c Links Breast Cancer Stem Cells with Normal Stem Cells. <i>Cell</i> , 2009, 138, 592-603.	13.5	1,130
2	The Biology of Cancer Stem Cells. <i>Annual Review of Cell and Developmental Biology</i> , 2007, 23, 675-699.	4.0	943
3	Single-cell dissection of transcriptional heterogeneity in human colon tumors. <i>Nature Biotechnology</i> , 2011, 29, 1120-1127.	9.4	658
4	Comparison of 2D- and 3D-culture models as drug-testing platforms in breast cancer. <i>Oncology Reports</i> , 2015, 33, 1837-1843.	1.2	621
5	Cancer stem cells from human breast tumors are involved in spontaneous metastases in orthotopic mouse models. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 18115-18120.	3.3	408
6	Characterization of intracellular signals via tyrosine 1062 in RET activated by glial cell line-derived neurotrophic factor. <i>Oncogene</i> , 2000, 19, 4469-4475.	2.6	198
7	miR-142 regulates the tumorigenicity of human breast cancer stem cells through the canonical WNT signaling pathway. <i>ELife</i> , 2014, 3, .	2.8	153
8	RET Finger Protein Is a Transcriptional Repressor and Interacts with Enhancer of Polycomb That Has Dual Transcriptional Functions. <i>Journal of Biological Chemistry</i> , 2000, 275, 39411-39419.	1.6	90
9	Enhanced Phosphatidylinositol 3-Kinase Activity and High Phosphorylation State of Its Downstream Signalling Molecules Mediated by Ret with the MEN 2B Mutation. <i>Biochemical and Biophysical Research Communications</i> , 1999, 262, 68-75.	1.0	88
10	Polycomb protein Cbx4 promotes SUMO modification of de novo DNA methyltransferase Dnmt3a. <i>Biochemical Journal</i> , 2007, 405, 369-378.	1.7	86
11	Adipose-derived stem cells enhance human breast cancer growth and cancer stem cell-like properties through adiponectin. <i>Oncogene</i> , 2019, 38, 767-779.	2.6	86
12	Mi-21 ² Associates with BRG1 and RET Finger Protein at the Distinct Regions with Transcriptional Activating and Repressing Abilities. <i>Journal of Biological Chemistry</i> , 2003, 278, 51638-51645.	1.6	82
13	MicroRNA Regulation of Human Breast Cancer Stem Cells. <i>Journal of Clinical Medicine</i> , 2016, 5, 2.	1.0	77
14	miR-137 Regulates the Tumorigenicity of Colon Cancer Stem Cells through the Inhibition of DCLK1. <i>Molecular Cancer Research</i> , 2016, 14, 354-362.	1.5	73
15	Afadin/AF-6 and Canoe. <i>Progress in Molecular Biology and Translational Science</i> , 2013, 116, 433-454.	0.9	65
16	Microspherule Protein 1, Mi-21 ² , and RET Finger Protein Associate in the Nucleolus and Up-regulate Ribosomal Gene Transcription. <i>Journal of Biological Chemistry</i> , 2005, 280, 39436-39447.	1.6	61
17	Role of Dok1 in Cell Signaling Mediated by RET Tyrosine Kinase. <i>Journal of Biological Chemistry</i> , 2002, 277, 32781-32790.	1.6	59
18	Enhancer of Polycomb1, a Novel Homeodomain Only Protein-binding Partner, Induces Skeletal Muscle Differentiation. <i>Journal of Biological Chemistry</i> , 2007, 282, 7700-7709.	1.6	59

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19	Characterization of the HDAC1 Complex That Regulates the Sensitivity of Cancer Cells to Oxidative Stress. <i>Cancer Research</i> , 2009, 69, 3597-3604.	0.4	54
20	miR-221 Targets QKI to Enhance the Tumorigenic Capacity of Human Colorectal Cancer Stem Cells. <i>Cancer Research</i> , 2019, 79, 5151-5158.	0.4	51
21	Dok-4 regulates GDNF-dependent neurite outgrowth through downstream activation of Rap1 and mitogen-activated protein kinase. <i>Journal of Cell Science</i> , 2006, 119, 3067-3077.	1.2	48
22	Absence of primary cilia in cell cycle-arrested human breast cancer cells. <i>Genes To Cells</i> , 2014, 19, 141-152.	0.5	41
23	Targeting the Hippo signalling pathway for cancer treatment. <i>Journal of Biochemistry</i> , 2017, 161, mvw074.	0.9	37
24	Downregulation of CXCR4 in Metastasized Breast Cancer Cells and Implication in Their Dormancy. <i>PLoS ONE</i> , 2015, 10, e0130032.	1.1	34
25	PIAS proteins are involved in the SUMO-1 modification, intracellular translocation and transcriptional repressive activity of RET finger protein. <i>Experimental Cell Research</i> , 2005, 308, 65-77.	1.2	31
26	Reduction of the ST6 Î ² -Galactosamide Î±-2,6-Sialyltransferase 1 (ST6GAL1)-catalyzed Sialylation of Nectin-like Molecule 2/Cell Adhesion Molecule 1 and Enhancement of ErbB2/ErbB3 Signaling by MicroRNA-199a. <i>Journal of Biological Chemistry</i> , 2013, 288, 11845-11853.	1.6	31
27	Expression of Ret finger protein correlates with outcomes in endometrial cancer. <i>Cancer Science</i> , 2009, 100, 1895-1901.	1.7	29
28	Glucose metabolism-targeted therapy and withaferin A are effective for epidermal growth factor receptor tyrosine kinase inhibitor-induced drug-tolerant persisters. <i>Cancer Science</i> , 2017, 108, 1368-1377.	1.7	28
29	Roles of microRNAs and RNA-Binding Proteins in the Regulation of Colorectal Cancer Stem Cells. <i>Cancers</i> , 2017, 9, 143.	1.7	28
30	MicroRNA-93 targets WASF3 and functions as a metastasis suppressor in breast cancer. <i>Cancer Science</i> , 2020, 111, 2093-2103.	1.7	27
31	Interaction of N-cadherin with E-cadherin and integrin Î±6Î²4 and inhibition of E-cadherin/Î²2 signaling and hemidesmosome disassembly. <i>Genes To Cells</i> , 2013, 18, 519-528.	0.5	24
32	Periderm cells covering palatal shelves have tight junctions and their desquamation reduces the polarity of palatal shelf epithelial cells in palatogenesis. <i>Genes To Cells</i> , 2012, 17, 455-472.	0.5	23
33	Maternal fructose-induced oxidative stress occurs via Tfam and Ucp5 epigenetic regulation in offspring hippocampi. <i>FASEB Journal</i> , 2019, 33, 11431-11442.	0.2	23
34	Immunoglobulin Superfamily Receptors and Adherens Junctions. <i>Sub-Cellular Biochemistry</i> , 2012, 60, 137-170.	1.0	23
35	Maternal fructose consumption down-regulates Lxra expression via miR-206-mediated regulation. <i>Journal of Nutritional Biochemistry</i> , 2020, 82, 108386.	1.9	21
36	Induction of CRMP-2 by GDNF and analysis of the CRMP-2 promoter region. <i>Biochemical and Biophysical Research Communications</i> , 2004, 320, 108-115.	1.0	19

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37	miR-214 and hypoxia downregulate N-cadherin and enhance E-cadherin signaling. <i>Genes To Cells</i> , 2013, 18, 195-202.	0.5	18
38	Differential expression of RET finger protein in testicular germ cell tumors. <i>Pathology International</i> , 2002, 52, 623-627.	0.6	17
39	Suppression of the TGF β 1-induced protein expression of SNAI1 and N-cadherin by miR-199a. <i>Genes To Cells</i> , 2014, 19, 667-675.	0.5	17
40	Hippo vs. Crab: tissue-specific functions of the mammalian Hippo pathway. <i>Genes To Cells</i> , 2017, 22, 6-31.	0.5	17
41	A Novel Nectin-mediated Cell Adhesion Apparatus That Is Implicated in Prolactin Receptor Signaling for Mammary Gland Development. <i>Journal of Biological Chemistry</i> , 2016, 291, 5817-5831.	1.6	16
42	GDNF-inducible zinc finger protein 1 is a sequence-specific transcriptional repressor that binds to the HOXA10 gene regulatory region. <i>Nucleic Acids Research</i> , 2005, 33, 4191-4201.	6.5	15
43	Upregulation of S100A10 in metastasized breast cancer stem cells. <i>Cancer Science</i> , 2020, 111, 4359-4370.	1.7	15
44	Maternal fructose consumption downregulates hippocampal catalase expression via DNA methylation in rat offspring. <i>Nutrition Research</i> , 2021, 92, 40-48.	1.3	15
45	Role for O-Glycosylation of RFP in the Interaction with Enhancer of Polycomb. <i>Biochemical and Biophysical Research Communications</i> , 2002, 290, 409-414.	1.0	13
46	Organoid Culture of Human Cancer Stem Cells. <i>Methods in Molecular Biology</i> , 2016, 1576, 23-31.	0.4	13
47	Regulation of CD44 expression and focal adhesion by Golgi phosphatidylinositol 4-phosphate in breast cancer. <i>Cancer Science</i> , 2016, 107, 981-990.	1.7	12
48	Evaluation of the risk of lymphomagenesis in xenografts by the PCR-based detection of EBV BamHI W region in patient cancer specimens. <i>Oncotarget</i> , 2016, 7, 50150-50160.	0.8	12
49	MicroRNA-9-5p-CDX2 Axis: A Useful Prognostic Biomarker for Patients with Stage II/III Colorectal Cancer. <i>Cancers</i> , 2019, 11, 1891.	1.7	9
50	Adipsin-Dependent Secretion of Hepatocyte Growth Factor Regulates the Adipocyte-Cancer Stem Cell Interaction. <i>Cancers</i> , 2021, 13, 4238.	1.7	8
51	Maternal fructose intake predisposes rat offspring to metabolic disorders via abnormal hepatic programming. <i>FASEB Journal</i> , 2021, 35, e22030.	0.2	7
52	Effect of Xenotransplantation Site on MicroRNA Expression of Human Colon Cancer Stem Cells. <i>Anticancer Research</i> , 2016, 36, 3679-86.	0.5	7
53	Differential effects of excess high-fructose corn syrup on the DNA methylation of hippocampal neurotrophic factor in childhood and adolescence. <i>PLoS ONE</i> , 2022, 17, e0270144.	1.1	6
54	Establishment and characterization of mouse mammary carcinoma cell lines expressing RET with a multiple endocrine neoplasia 2A mutation. <i>Cancer Science</i> , 2003, 94, 992-997.	1.7	4

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55	F-Box/WD Repeat Domain-Containing 7 Induces Chemotherapy Resistance in Colorectal Cancer Stem Cells. <i>Cancers</i> , 2019, 11, 635.	1.7	4
56	Expression of programmed death-1 in sentinel lymph nodes of breast cancer. <i>Journal of Surgical Oncology</i> , 2018, 117, 1131-1136.	0.8	3
57	Upregulation of BMI1-suppressor miRNAs (miR-200c, miR-203) during terminal differentiation of colon epithelial cells. <i>Journal of Gastroenterology</i> , 2022, , 1.	2.3	3
58	Regulation of MET Kinase Inhibitor Resistance by Copy Number of <i>MET</i> in Gastric Carcinoma Cells. <i>Oncology Research</i> , 2014, 21, 287-293.	0.6	2
59	Discordance of MCM7 mRNA and its Intronic MicroRNA Levels Under Hypoxia. <i>Anticancer Research</i> , 2017, 37, 3885-3890.	0.5	1