

Senji Shirasawa

List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

3,507
citations

186265

28
h-index

149698

56
g-index

91
all docs

91
docs citations

91
times ranked

5926
citing authors

#	ARTICLE	IF	CITATIONS
1	Epipharyngeal Abrasive Therapy (EAT) Has Potential as a Novel Method for Long COVID Treatment. <i>Viruses</i> , 2022, 14, 907.	3.3	14
2	The transcriptional regulator Zfat is essential for maintenance and differentiation of the adipocytes. <i>Journal of Cellular Biochemistry</i> , 2021, 122, 626-638.	2.6	5
3	Oncogenic KRAS mutations enhance amino acid uptake by colorectal cancer cells via the hippo signaling effector YAP1. <i>Molecular Oncology</i> , 2021, 15, 2782-2800.	4.6	19
4	Growth Suppression of Cancer Spheroids With Mutated KRAS by Low-toxicity Compounds from Natural Products. <i>Anticancer Research</i> , 2021, 41, 4061-4070.	1.1	2
5	Effects of <i>Aspergillus fumigatus</i> Conidia on Apoptosis and Proliferation in an In Vitro Model of the Lung Microenvironment. <i>Microorganisms</i> , 2021, 9, 1435.	3.6	2
6	CENP-B promotes the centromeric localization of ZFAT to control transcription of noncoding RNA. <i>Journal of Biological Chemistry</i> , 2021, 297, 101213.	3.4	4
7	Dual blockade of macropinocytosis and asparagine bioavailability shows synergistic anti-tumor effects on KRAS-mutant colorectal cancer. <i>Cancer Letters</i> , 2021, 522, 129-141.	7.2	12
8	Next Generation Lipophilic Bisphosphonate Shows Antitumor Effect in Colorectal Cancer In Vitro and In Vivo. <i>Pathology and Oncology Research</i> , 2020, 26, 1957-1969.	1.9	10
9	ZFAT binds to centromeres to control noncoding RNA transcription through the KAT2B-H4K8ac-BRD4 axis. <i>Nucleic Acids Research</i> , 2020, 48, 10848-10866.	14.5	13
10	Mutant KRAS Promotes NKG2D ⁺ T Cell Infiltration and CD155 Dependent Immune Evasion. <i>Anticancer Research</i> , 2020, 40, 4663-4674.	1.1	6
11	MK615 Suppresses Hypoxia Tolerance by Up-regulation of E-cadherin in Colorectal Cancer Cells With Mutant KRAS. <i>Anticancer Research</i> , 2020, 40, 4687-4694.	1.1	3
12	In Colorectal Cancer Cells With Mutant KRAS, SLC25A22-Mediated Glutaminolysis Reduces DNA Demethylation to Increase WNT Signaling, Stemness, and Drug Resistance. <i>Gastroenterology</i> , 2020, 159, 2163-2180.e6.	1.3	83
13	BRAF status modulates Interleukin-8 expression through a CHOP-dependent mechanism in colorectal cancer. <i>Communications Biology</i> , 2020, 3, 546.	4.4	8
14	Targeting the KRAS oncogene: Synthesis, physicochemical and biological evaluation of novel G-Quadruplex DNA binders. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 149, 105337.	4.0	15
15	Zfat Is Indispensable for the Development of Erythroid Cells in the Fetal Liver. <i>Anticancer Research</i> , 2019, 39, 4495-4502.	1.1	1
16	A novel compound, ferulic acid-bound resveratrol, induces the tumor suppressor gene p15 and inhibits the three-dimensional proliferation of colorectal cancer cells. <i>Molecular and Cellular Biochemistry</i> , 2019, 462, 25-31.	3.1	10
17	Transcriptional and metabolic rewiring of colorectal cancer cells expressing the oncogenic KRASG13D mutation. <i>British Journal of Cancer</i> , 2019, 121, 37-50.	6.4	41
18	Oncogenic RAS-induced downregulation of ATG12 is required for survival of malignant intestinal epithelial cells. <i>Autophagy</i> , 2018, 14, 134-151.	9.1	8

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19	A novel resveratrol derivative selectively inhibits the proliferation of colorectal cancer cells with KRAS mutation. <i>Molecular and Cellular Biochemistry</i> , 2018, 442, 39-45.	3.1	15
20	Zfat expression in ZsGreen reporter gene knockâ€in mice: Implications for a novel function of Zfat in definitive erythropoiesis. <i>International Journal of Molecular Medicine</i> , 2018, 42, 2595-2603.	4.0	1
21	In vitro and clinical data analysis of Osteopontin as a prognostic indicator in colorectal cancer. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 4097-4105.	3.6	42
22	Growth Suppression of Human Colorectal Cancer Cells with Mutated <i>KRAS</i> by 3-Deaza-cytarabine in 3D Floating Culture. <i>Anticancer Research</i> , 2018, 38, 4247-4256.	1.1	3
23	Therapeutic potential of combined BRAF/MEK blockade in BRAF-wild type preclinical tumor models. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018, 37, 140.	8.6	27
24	The Long Noncoding RNA OIP5-AS1 Is Involved in the Regulation of Cell Proliferation. <i>Anticancer Research</i> , 2018, 38, 77-81.	1.1	32
25	Enhanced dependency of <scp>KRAS</scp>-mutant colorectal cancer cells on <scp>RAD</scp>51â€dependent homologous recombination repair identified from genetic interactions in <i>Saccharomyces cerevisiae</i>. <i>Molecular Oncology</i> , 2017, 11, 470-490.	4.6	33
26	Targeting Ras-Driven Cancer Cell Survival and Invasion through Selective Inhibition of DOCK1. <i>Cell Reports</i> , 2017, 19, 969-980.	6.4	51
27	ROS-induced cleavage of NHLRC2 by caspase-8 leads to apoptotic cell death in the HCT116 human colon cancer cell line. <i>Cell Death and Disease</i> , 2017, 8, 3218.	6.3	42
28	MACC1 regulates Fas mediated apoptosis through STAT1/3 â€ Mcl-1 signaling in solid cancers. <i>Cancer Letters</i> , 2017, 403, 231-245.	7.2	25
29	MEK162 Enhances Antitumor Activity of 5-Fluorouracil and Trifluridine in KRAS-mutated Human Colorectal Cancer Cell Lines. <i>Anticancer Research</i> , 2017, 37, 2831-2838.	1.1	11
30	Apremilast Induces Apoptosis of Human Colorectal Cancer Cells with Mutant KRAS. <i>Anticancer Research</i> , 2017, 37, 3833-3839.	1.1	14
31	An Alpha-kinase 2 Gene Variant Disrupts Filamentous Actin Localization in the Surface Cells of Colorectal Cancer Spheroids. <i>Anticancer Research</i> , 2017, 37, 3855-3862.	1.1	5
32	BRAF associated autophagy exploitation: BRAF and autophagy inhibitors synergise to efficiently overcome resistance of BRAF mutant colorectal cancer cells. <i>Oncotarget</i> , 2016, 7, 9188-9221.	1.8	59
33	In Hyperthermia Increased ERK and WNT Signaling Suppress Colorectal Cancer Cell Growth. <i>Cancers</i> , 2016, 8, 49.	3.7	12
34	The Nuclear Zinc Finger Protein Zfat Maintains FoxO1 Protein Levels in Peripheral T Cells by Regulating the Activities of Autophagy and the Akt Signaling Pathway. <i>Journal of Biological Chemistry</i> , 2016, 291, 15282-15291.	3.4	14
35	Molecular mechanisms of transcriptional regulation by the nuclear zinc-finger protein Zfat in T cells. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2016, 1859, 1398-1410.	1.9	8
36	Metabolic Alterations Caused by KRAS Mutations in Colorectal Cancer Contribute to Cell Adaptation to Glutamine Depletion by Upregulation of Asparagine Synthetase. <i>Neoplasia</i> , 2016, 18, 654-665.	5.3	100

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37	Synthesis of New Congeners of 1-methyl-3-aminoisoquinolines, Evaluation of Their Cytotoxic Activity, <i>In Silico</i> and <i>In Vitro</i> Study of Their Molecular Targets as PDE4B. <i>Chemical Biology and Drug Design</i> , 2016, 87, 575-582.	3.2	3
38	Oncogenic Ras influences the expression of multiple lncRNAs. <i>Cytotechnology</i> , 2016, 68, 1591-1596.	1.6	14
39	ANRIL regulates the proliferation of human colorectal cancer cells in both two- and three-dimensional culture. <i>Molecular and Cellular Biochemistry</i> , 2016, 412, 141-146.	3.1	24
40	EphA2 Expression Is a Key Driver of Migration and Invasion and a Poor Prognostic Marker in Colorectal Cancer. <i>Clinical Cancer Research</i> , 2016, 22, 230-242.	7.0	97
41	Resveratrol Overcomes Cellular Resistance to Vemurafenib Through Dephosphorylation of AKT in BRAF-mutated Melanoma Cells. <i>Anticancer Research</i> , 2016, 36, 3585-9.	1.1	12
42	DBA Lectin Binds to Highly Proliferative Mouse Erythroleukemia Cells. <i>Anticancer Research</i> , 2016, 36, 3625-33.	1.1	1
43	Zfat-deficient CD4 ⁺ CD8 ⁺ Double-Positive Thymocytes Are Susceptible to Apoptosis With Deregulated Activation of p38 and JNK. <i>Journal of Cellular Biochemistry</i> , 2015, 116, 149-157.	2.6	11
44	Embryonic Hematopoietic Progenitor Cells Reside in Muscle before Bone Marrow Hematopoiesis. <i>PLoS ONE</i> , 2015, 10, e0138621.	2.5	7
45	Solution structures of the DNA-binding domains of immune-related zinc-finger protein ZFAT. <i>Journal of Structural and Functional Genomics</i> , 2015, 16, 55-65.	1.2	17
46	Marked Reduction in FoxO1 Protein by its Enhanced Proteasomal Degradation in Zfat-deficient Peripheral T-Cells. <i>Anticancer Research</i> , 2015, 35, 4419-23.	1.1	9
47	Establishment of a Three-dimensional Floating Cell Culture System for Screening Drugs Targeting KRAS-mediated Signaling Molecules. <i>Anticancer Research</i> , 2015, 35, 4453-9.	1.1	13
48	Apoptosis-inducing Factor, Mitochondrion-associated 2, Regulates Klf1 in a Mouse Erythroleukemia Cell Line. <i>Anticancer Research</i> , 2015, 35, 4493-9.	1.1	2
49	p120RasGAP Is a Mediator of Rho Pathway Activation and Tumorigenicity in the DLD1 Colorectal Cancer Cell Line. <i>PLoS ONE</i> , 2014, 9, e86103.	2.5	15
50	Regulation of ¹⁸ F-FDG Accumulation in Colorectal Cancer Cells with Mutated KRAS. <i>Journal of Nuclear Medicine</i> , 2014, 55, 2038-2044.	5.0	65
51	Competition between human cells by entosis. <i>Cell Research</i> , 2014, 24, 1299-1310.	12.0	180
52	ADAM17-Dependent c-MET-STAT3 Signaling Mediates Resistance to MEK Inhibitors in KRAS Mutant Colorectal Cancer. <i>Cell Reports</i> , 2014, 7, 1940-1955.	6.4	90
53	The roles of ZFAT in thymocyte differentiation and homeostasis of peripheral naive T-cells. <i>Anticancer Research</i> , 2014, 34, 4489-95.	1.1	9
54	Resveratrol induces luminal apoptosis of human colorectal cancer HCT116 cells in three-dimensional culture. <i>Anticancer Research</i> , 2014, 34, 4551-5.	1.1	20

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55	Dok2 likely down-regulates Klf1 in mouse erythroleukemia cells. <i>Anticancer Research</i> , 2014, 34, 4561-7.	1.1	1
56	Tespa1 is a novel component of mitochondria-associated endoplasmic reticulum membranes and affects mitochondrial calcium flux. <i>Biochemical and Biophysical Research Communications</i> , 2013, 433, 322-326.	2.1	48
57	Tespa1 protein is phosphorylated in response to store-operated calcium entry. <i>Biochemical and Biophysical Research Communications</i> , 2013, 434, 162-165.	2.1	7
58	Molecular Hierarchy of Heparin-Binding EGF-like Growth Factor-Regulated Angiogenesis in Triple-Negative Breast Cancer. <i>Molecular Cancer Research</i> , 2013, 11, 506-517.	3.4	45
59	Zfat-Deficiency Results in a Loss of CD3 ζ Phosphorylation with Dysregulation of ERK and Egr Activities Leading to Impaired Positive Selection. <i>PLoS ONE</i> , 2013, 8, e76254.	2.5	12
60	Roles of ZFAT in haematopoiesis, angiogenesis and cancer development. <i>Anticancer Research</i> , 2013, 33, 2833-7.	1.1	10
61	Tespa1 is a novel inositol 1,4,5-trisphosphate receptor binding protein in T and B lymphocytes. <i>FEBS Open Bio</i> , 2012, 2, 255-259.	2.3	18
62	ZFAT plays critical roles in peripheral T cell homeostasis and its T cell receptor-mediated response. <i>Biochemical and Biophysical Research Communications</i> , 2012, 425, 107-112.	2.1	13
63	Inhibition of Phosphodiesterase-4 (PDE4) activity triggers luminal apoptosis and AKT dephosphorylation in a 3-D colonic-crypt model. <i>Molecular Cancer</i> , 2012, 11, 46.	19.2	42
64	Identification of KRAP-expressing cells and the functional relevance of KRAP to the subcellular localization of IP3R in the stomach and kidney. <i>International Journal of Molecular Medicine</i> , 2012, 30, 1287-1293.	4.0	8
65	High expression of the longevity gene product SIRT1 and apoptosis induction by sirtinol in adult T-cell leukemia cells. <i>International Journal of Cancer</i> , 2012, 131, 2044-2055.	5.1	79
66	KRAS-induced actin-interacting protein is required for the proper localization of inositol 1,4,5-trisphosphate receptor in the epithelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2011, 407, 438-443.	2.1	21
67	KRAS-induced actin-interacting protein regulates inositol 1,4,5-trisphosphate-receptor-mediated calcium release. <i>Biochemical and Biophysical Research Communications</i> , 2011, 408, 214-217.	2.1	24
68	Determination of the critical region of KRAS-induced actin-interacting protein for the interaction with inositol 1,4,5-trisphosphate receptor. <i>Biochemical and Biophysical Research Communications</i> , 2011, 408, 282-286.	2.1	15
69	Pancreatic Hypertrophy in Ki-ras-Induced Actin-Interacting Protein Gene Knockout Mice. <i>Pancreas</i> , 2011, 40, 79-83.	1.1	9
70	ZFAT is a critical molecule for cell survival in mouse embryonic fibroblasts. <i>Cellular and Molecular Biology Letters</i> , 2011, 16, 89-100.	7.0	12
71	Oncogenic <i>Kras</i> Promotes Chemotherapy-Induced Growth Factor Shedding via ADAM17. <i>Cancer Research</i> , 2011, 71, 1071-1080.	0.9	47
72	Identification of independent risk loci for Graves' disease within the MHC in the Japanese population. <i>Journal of Human Genetics</i> , 2011, 56, 772-778.	2.3	27

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73	ZFAT is essential for endothelial cell assembly and the branch point formation of capillary-like structures in an angiogenesis model. <i>Cellular and Molecular Biology Letters</i> , 2010, 15, 541-50.	7.0	13
74	Recent advances in the association studies of autoimmune thyroid disease and the functional characterization of AITD-related transcription factor ZFAT. <i>Japanese Journal of Clinical Immunology</i> , 2010, 33, 66-72.	0.0	6
75	Immune-related zinc finger gene ZFAT is an essential transcriptional regulator for hematopoietic differentiation in blood islands. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 14199-14204.	7.1	28
76	Three-dimensionally Specific Inhibition of DNA Repair-Related Genes by Activated KRAS in Colon Crypt Model. <i>Neoplasia</i> , 2010, 12, 397-IN5.	5.3	32
77	Altered Energy Homeostasis and Resistance to Diet-Induced Obesity in KRAP-Deficient Mice. <i>PLoS ONE</i> , 2009, 4, e4240.	2.5	21
78	ZFAT is an antiapoptotic molecule and critical for cell survival in MOLT-4 cells. <i>FEBS Letters</i> , 2009, 583, 568-572.	2.8	35
79	The increased expression of periostin during early stages of prostate cancer and advanced stages of cancer stroma. <i>Prostate</i> , 2009, 69, 1398-1403.	2.3	50
80	TGF- β 2 Receptor Inactivation and Mutant Kras Induce Intestinal Neoplasms in Mice via a β 2-Catenin-Independent Pathway. <i>Gastroenterology</i> , 2009, 136, 1680-1688.e7.	1.3	91
81	ZFAT expression in B and T lymphocytes and identification of ZFAT-regulated genes. <i>Genomics</i> , 2008, 91, 451-457.	2.9	40
82	Analysis of KRAP expression and localization, and genes regulated by KRAP in a human colon cancer cell line. <i>Journal of Human Genetics</i> , 2007, 52, 978-984.	2.3	29
83	Oncogenic events regulate tissue factor expression in colorectal cancer cells: implications for tumor progression and angiogenesis. <i>Blood</i> , 2005, 105, 1734-1741.	1.4	512
84	Dermatitis due to epiregulin deficiency and a critical role of epiregulin in immune-related responses of keratinocyte and macrophage. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 13921-13926.	7.1	71
85	SNPs in the promoter of a B cell-specific antisense transcript, SAS-ZFAT, determine susceptibility to autoimmune thyroid disease. <i>Human Molecular Genetics</i> , 2004, 13, 2221-2231.	2.9	96
86	Deregulated expression of KRAP, a novel gene encoding actin-interacting protein, in human colon cancer cells. <i>Journal of Human Genetics</i> , 2004, 49, 46-52.	2.3	25
87	Association of the T-cell regulatory gene CTLA4 with Graves' disease and autoimmune thyroid disease in the Japanese. <i>Journal of Human Genetics</i> , 2004, 49, 166-168.	2.3	64
88	Genome-wide linkage analysis of type 2 diabetes mellitus reconfirms the susceptibility locus on 11p13-p12 in Japanese. <i>Journal of Human Genetics</i> , 2004, 49, 629-634.	2.3	18
89	Suppression of serum-induced c-jun expression by activated Ki-ras in human colon cancer cells. <i>Japanese Journal of Human Genetics</i> , 1997, 42, 409-416.	0.8	0
90	Altered growth of human colon cancer cell lines disrupted at activated Ki-ras. <i>Science</i> , 1993, 260, 85-88.	12.6	598