

Saori Furuta

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,049
citations

516710

16
h-index

677142

22
g-index

28
all docs

28
docs citations

28
times ranked

1795
citing authors

#	ARTICLE	IF	CITATIONS
1	Depletion of BRCA1 impairs differentiation but enhances proliferation of mammary epithelial cells. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 9176-9181.	7.1	128
2	FAM83A confers EGFR-TKI resistance in breast cancer cells and in mice. Journal of Clinical Investigation, 2012, 122, 3211-3220.	8.2	126
3	S-Nitrosylation: An Emerging Paradigm of Redox Signaling. Antioxidants, 2019, 8, 404.	5.1	112
4	Removal of BRCA1/CtIP/ZBRK1 repressor complex on ANG1 promoter leads to accelerated mammary tumor growth contributed by prominent vasculature. Cancer Cell, 2006, 10, 13-24.	16.8	98
5	Identification of a Novel Putative Non-selenocysteine Containing Phospholipid Hydroperoxide Glutathione Peroxidase (NPGPx) Essential for Alleviating Oxidative Stress Generated from Polyunsaturated Fatty Acids in Breast Cancer Cells. Journal of Biological Chemistry, 2004, 279, 43522-43529.	3.4	97
6	IL-25 Causes Apoptosis of IL-25Rα-Expressing Breast Cancer Cells Without Toxicity to Nonmalignant Cells. Science Translational Medicine, 2011, 3, 78ra31.	12.4	90
7	Development of a Sensitive Assay to Detect Reversibly Oxidized Protein Cysteine Sulfhydryl Groups. Antioxidants and Redox Signaling, 2001, 3, 1105-1118.	5.4	54
8	Laminin signals initiate the reciprocal loop that informs breast-specific gene expression and homeostasis by activating NO, p53 and microRNAs. ELife, 2018, 7, .	6.0	45
9	NFκB disrupts tissue polarity in 3D by preventing integration of microenvironmental signals. Oncotarget, 2013, 4, 2010-2020.	1.8	42
10	Copper uptake is required for pyrrolidine dithiocarbamate-mediated oxidation and protein level increase of p53 in cells. Biochemical Journal, 2002, 365, 639-648.	3.7	41
11	Brca1 heterozygous mice have shortened life span and are prone to ovarian tumorigenesis with haploinsufficiency upon ionizing irradiation. Oncogene, 2007, 26, 6160-6166.	5.9	31
12	Basal S -Nitrosylation Is the Guardian of Tissue Homeostasis. Trends in Cancer, 2017, 3, 744-748.	7.4	31
13	Transient external force induces phenotypic reversion of malignant epithelial structures via nitric oxide signaling. ELife, 2018, 7, .	6.0	30
14	S-Nitrosylation in Tumor Microenvironment. International Journal of Molecular Sciences, 2021, 22, 4600.	4.1	23
15	ATM Suppresses SATB1-Induced Malignant Progression in Breast Epithelial Cells. PLoS ONE, 2012, 7, e51786.	2.5	20
16	Correction of arginine metabolism with sepiapterin—the precursor of nitric oxide synthase cofactor BH4—induces immunostimulatory-shift of breast cancer. Biochemical Pharmacology, 2020, 176, 113887.	4.4	17
17	Pathways Involved in Formation of Mammary Organoid Architecture Have Keys to Understanding Drug Resistance and to Discovery of Druggable Targets. Cold Spring Harbor Symposia on Quantitative Biology, 2016, 81, 207-217.	1.1	15
18	Fibrous stroma: Driver and passenger in cancer development. Science Signaling, 2022, 15, eabg3449.	3.6	15

#	ARTICLE	IF	CITATIONS
19	Reduced Basal Nitric Oxide Production Induces Precancerous Mammary Lesions via ERBB2 and TGFÎ². Scientific Reports, 2019, 9, 6688.	3.3	11
20	Caveolin-1: Would-be Achillesâ€™ heel of tumor microenvironment?. Cell Cycle, 2011, 10, 3431-3431.	2.6	9
21	Protein Ligands in the Secretome of CD36+ Fibroblasts Induce Growth Suppression in a Subset of Breast Cancer Cell Lines. Cancers, 2021, 13, 4521.	3.7	9
22	Reconstituting Breast Tissue with Organotypic Three-dimensional Co-culture of Epithelial and Stromal Cells in Discontinuous Extracellular Matrices. Bio-protocol, 2019, 9, e3392.	0.4	3
23	Loss of Nitric Oxide Induces Fibrogenic Response in Organotypic 3D Co-Culture of Mammary Epithelia and Fibroblastsâ€”An Indicator for Breast Carcinogenesis. Cancers, 2021, 13, 2815.	3.7	2
24	MDM2 and MDMX Regulators of p53 Activity. , 2005, , 155-185.		0