Elza Tiemi Sakamoto-Hojo

List of Publications by Year in descending order

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		236925	302126
110	2,244	25	39
papers	citations	h-index	g-index
111	111	111	3350
all docs	docs citations	times ranked	citing authors

#	Article	IF	CITATIONS
1	Mechanisms underlying the pathophysiology of type 2 diabetes: From risk factors to oxidative stress, metabolic dysfunction, and hyperglycemia. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2022, 874-875, 503437.	1.7	34
2	Transcript Expression Profiles and MicroRNA Regulation Indicate an Upregulation of Processes Linked to Oxidative Stress, DNA Repair, Cell Death, and Inflammation in Type 1 Diabetes Mellitus Patients. Journal of Diabetes Research, 2022, 2022, 1-15.	2.3	6
3	The absence of the autoimmune regulator gene (AIRE) impairs the three-dimensional structure of medullary thymic epithelial cell spheroids. BMC Molecular and Cell Biology, 2022, 23, 15.	2.0	0
4	Neuroprotective Effects of Cholinesterase Inhibitors: Current Scenario in Therapies for Alzheimer's Disease and Future Perspectives. Journal of Alzheimer's Disease Reports, 2022, 6, 177-193.	2.2	19
5	Anti-Proliferative Effects of E2F1 Suppression in Glioblastoma Cells. Cytogenetic and Genome Research, 2021, 161, 372-381.	1.1	3
6	Acetylcholinesterase inhibitory activity, anti-inflammatory, and neuroprotective potential of Hippeastrum psittacinum (Ker Gawl.) herb (Amaryllidaceae). Food and Chemical Toxicology, 2020, 145, 111703.	3.6	15
7	Novel Hybrid Acetylcholinesterase Inhibitors Induce Differentiation and Neuritogenesis in Neuronal Cells in vitro Through Activation of the AKT Pathway. Journal of Alzheimer's Disease, 2020, 78, 353-370.	2.6	3
8	Targeting NRF2, Regulator of Antioxidant System, to Sensitize Glioblastoma Neurosphere Cells to Radiation-Induced Oxidative Stress. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-17.	4.0	24
9	PARP‑1 inhibition sensitizes temozolomide‑treated glioblastoma cell lines and decreases drug resistance independent of MGMT activity and PTEN proficiency. Oncology Reports, 2020, 44, 2275-2287.	2.6	10
10	Post-transcriptional markers associated with clinical complications in Type 1 and Type 2 diabetes mellitus. Molecular and Cellular Endocrinology, 2019, 490, 1-14.	3.2	41
11	Highly potent and selective aryl-1,2,3-triazolyl benzylpiperidine inhibitors toward butyrylcholinesterase in Alzheimer's disease. Bioorganic and Medicinal Chemistry, 2019, 27, 931-943.	3.0	29
12	Changes in Expression Profiles Revealed by Transcriptomic Analysis in Peripheral Blood Mononuclear Cells of Alzheimer's Disease Patients. Journal of Alzheimer's Disease, 2018, 66, 1483-1495.	2.6	28
13	Lessons from the accident with 137Cesium in Goiania, Brazil: Contributions to biological dosimetry in case of human exposure to ionizing radiation. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2018, 836, 72-77.	1.7	16
14	Caliphruria subedentata (Amaryllidaceae) decreases genotoxicity and cell death induced by β-amyloid peptide in SH-SY5Y cell line. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2018, 836, 54-61.	1.7	16
15	Exploration of the Acetylcholinesterase Inhibitory Activity of Some Alkaloids from Amaryllidaceae Family by Molecular Docking In Silico. Neurochemical Research, 2017, 42, 2826-2830.	3.3	23
16	E2F transcription factors associated with up-regulated genes in glioblastoma. Cancer Biomarkers, 2017, 18, 199-208.	1.7	17
17	Synthesis, characterization and antitumor activity of palladium(II) complexes of imidazolidine-2-thione. Transition Metal Chemistry, 2017, 42, 565-574.	1.4	15
18	From dual binding site acetylcholinesterase inhibitors to allosteric modulators: A new avenue for disease-modifying drugs in Alzheimer's disease. European Journal of Medicinal Chemistry, 2017, 139, 773-791.	5.5	46

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19	Aire Downregulation Is Associated with Changes in the Posttranscriptional Control of Peripheral Tissue Antigens in Medullary Thymic Epithelial Cells. Frontiers in Immunology, 2016, 7, 526.	4.8	20
20	HEB silencing induces anti-proliferative effects on U87MG cells cultured as neurospheres and monolayers. Molecular Medicine Reports, 2016, 14, 5253-5260.	2.4	9
21	Galanthamine decreases genotoxicity and cell death induced by β-amyloid peptide in SH-SY5Y cell line. NeuroToxicology, 2016, 57, 291-297.	3.0	35
22	Comprehensive Survey of miRNA-mRNA Interactions Reveals That Ccr7 and Cd247 (CD3 zeta) are Posttranscriptionally Controlled in Pancreas Infiltrating T Lymphocytes of Non-Obese Diabetic (NOD) Mice. PLoS ONE, 2015, 10, e0142688.	2.5	30
23	Assessment of DNA damage and mRNA/miRNA transcriptional expression profiles in hyperglycemic versus non-hyperglycemic patients with type 2 diabetes mellitus. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2015, 776, 98-110.	1.0	22
24	Editorial. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2015, 776, 1.	1.0	0
25	APE1/REF-1 down-regulation enhances the cytotoxic effects of temozolomide in a resistant glioblastoma cell line. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2015, 793, 19-29.	1.7	56
26	Aire-dependent peripheral tissue antigen mRNAs in mTEC cells feature networking refractoriness to microRNA interaction. Immunobiology, 2015, 220, 93-102.	1.9	28
27	Patients with Systemic Sclerosis Present Increased DNA Damage Differentially Associated with DNA Repair Gene Polymorphisms. Journal of Rheumatology, 2014, 41, 458-465.	2.0	22
28	MicroRNA expression profiling and functional annotation analysis of their targets in patients with type 1 diabetes mellitus. Gene, 2014, 539, 213-223.	2.2	65
29	One-week intervention period led to improvements in glycemic control and reduction in DNA damage levels in patients with type 2 diabetes mellitus. Diabetes Research and Clinical Practice, 2014, 105, 356-363.	2.8	16
30	Integrative analysis of the transcriptome profiles observed in type 1, type 2 and gestational diabetes mellitus reveals the role of inflammation. BMC Medical Genomics, 2014, 7, 28.	1.5	28
31	Cisplatin associated with LY294002 increases cytotoxicity and induces changes in transcript profiles of glioblastoma cells. Molecular Biology Reports, 2014, 41, 165-177.	2.3	16
32	P102. Human Immunology, 2014, 75, 122.	2.4	0
33	Expression of DNA Repair and Response to Oxidative Stress Genes in Diabetes Mellitus. , 2014, , 161-180.		0
34	Antiproliferative in vitro effects of BI 2536-mediated PLK1 inhibition on cervical adenocarcinoma cells. Clinical and Experimental Medicine, 2013, 13, 75-80.	3.6	8
35	Autoimmune regulator (Aire) controls the expression of microRNAs in medullary thymic epithelial cells. Immunobiology, 2013, 218, 554-560.	1.9	57
36	Ionizing radiation-induced gene expression changes in TP53 proficient and deficient glioblastoma cell lines. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2013, 756, 46-55.	1.7	24

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37	Expression profile of peripheral tissue antigen genes in medullary thymic epithelial cells (mTECs) is dependent on mRNA levels of autoimmune regulator (Aire). Immunobiology, 2013, 218, 96-104.	1.9	25
38	Methoxyamine sensitizes the resistant glioblastoma T98C cell line to the alkylating agent temozolomide. Clinical and Experimental Medicine, 2013, 13, 279-288.	3.6	31
39	Transcriptome meta-analysis of peripheral lymphomononuclear cells indicates that gestational diabetes is closer to type 1 diabetes than to type 2 diabetes mellitus. Molecular Biology Reports, 2013, 40, 5351-5358.	2.3	24
40	Identifying common and specific microRNAs expressed in peripheral blood mononuclear cell of type 1, type 2, and gestational diabetes mellitus patients. BMC Research Notes, 2013, 6, 491.	1.4	132
41	Lymphocytes of Patients with Alzheimer's Disease Display Different DNA Damage Repair Kinetics and Expression Profiles of DNA Repair and Stress Response Genes. International Journal of Molecular Sciences, 2013, 14, 12380-12400.	4.1	20
42	T Cell Post-Transcriptional miRNA-mRNA Interaction Networks Identify Targets Associated with Susceptibility/Resistance to Collagen-induced Arthritis. PLoS ONE, 2013, 8, e54803.	2.5	30
43	102 Autoimmune Regulator (Aire) is a Transcriptional Link Between Autoimmunity and Thymus Cancer. European Journal of Cancer, 2012, 48, 32.	2.8	0
44	Gene expression profiles displayed by peripheral blood mononuclear cells from patients with type 2 diabetes mellitus focusing on biological processes implicated on the pathogenesis of the disease. Gene, 2012, 511, 151-160.	2.2	54
45	In vitro PLK1 inhibition by BI 2536 decreases proliferation and induces cell-cycle arrest in melanoma cells. Journal of Drugs in Dermatology, 2012, 11, 587-92.	0.8	14
46	BI 2536-mediated PLK1 inhibition suppresses HOS and MG-63 osteosarcoma cell line growth and clonogenicity. Anti-Cancer Drugs, 2011, 22, 995-1001.	1.4	23
47	Expression of genes related to apoptosis, cell cycle and signaling pathways are independent of TP53 status in urinary bladder cancer cells. Molecular Biology Reports, 2011, 38, 4159-4170.	2.3	21
48	Delayed effects of exposure to a moderate radiation dose on transcription profiles in human primary fibroblasts. Environmental and Molecular Mutagenesis, 2011, 52, 117-129.	2.2	9
49	Cytogenetic Instability in Childhood Acute Lymphoblastic Leukemia Survivors. Journal of Biomedicine and Biotechnology, 2011, 2011, 1-8.	3.0	4
50	Development of Type 1 Diabetes Mellitus in Nonobese Diabetic Mice Follows Changes in Thymocyte and Peripheral T Lymphocyte Transcriptional Activity. Clinical and Developmental Immunology, 2011, 2011, 1-12.	3.3	12
51	Genomic instability in <i>Hoyeraal–Hreidarsson</i> syndrome. Pediatric Blood and Cancer, 2010, 54, 779-780.	1.5	2
52	Alterations in gene expression profiles correlated with cisplatin cytotoxicity in the glioma U343 cell line. Genetics and Molecular Biology, 2010, 33, 159-168.	1.3	17
53	Cell cycle arrest and apoptosis in <i>TP53</i> subtypes of bladder carcinoma cell lines treated with cisplatin and gemcitabine. Experimental Biology and Medicine, 2010, 235, 814-824.	2.4	39
54	MLL leukemia-associated rearrangements in peripheral blood lymphocytes from healthy individuals. Genetics and Molecular Biology, 2009, 32, 234-241.	1.3	10

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55	Preferential induction of MLL (Mixed Lineage Leukemia) rearrangements in human lymphocyte cultures treated with etoposide. Genetics and Molecular Biology, 2009, 32, 144-150.	1.3	3
56	Ethanolic extract of Casearia sylvestris and its clerodane diterpen (caseargrewiin F) protect against DNA damage at low concentrations and cause DNA damage at high concentrations in mice's blood cells. Mutagenesis, 2009, 24, 501-506.	2.6	15
57	Shared and Unique Gene Expression in Systemic Lupus Erythematosus Depending on Disease Activity. Annals of the New York Academy of Sciences, 2009, 1173, 493-500.	3.8	13
58	Gene Expression Profiles in Radiation Workers Occupationally Exposed to Ionizing Radiation. Journal of Radiation Research, 2009, 50, 61-71.	1.6	73
59	Transcriptional Response of Peripheral Lymphocytes to Early Fibrosarcoma: A Model System for Cancer Detection Based on Hybridization Signatures. Experimental Biology and Medicine, 2009, 234, 802-812.	2.4	2
60	Comprehensive gene expression profiling in lungs of mice infected with <i>Mycobacterium tuberculosis</i> following DNAhsp65 immunotherapy. Journal of Gene Medicine, 2009, 11, 66-78.	2.8	22
61	Occurrence of TRGV-BJ hybrid gene in SV40-transformed fibroblast cell lines. Genetica, 2009, 136, 471-478.	1.1	Ο
62	Differential gene expression of peripheral blood mononuclear cells from rheumatoid arthritis patients may discriminate immunogenetic, pathogenic and treatment features. Immunology, 2009, 127, 365-372.	4.4	20
63	Polyploidy in atypical grade II choroid plexus papilloma of the posterior fossa. Neuropathology, 2009, 29, 293-298.	1.2	25
64	Multiple dicentric chromosomes behind polyploidy in grade II atypical choroid plexus papilloma: a complementary cytogenetic evaluation. Neuropathology, 2009, 29, 200-202.	1.2	2
65	Evidence for a network transcriptional control of promiscuous gene expression in medullary thymic epithelial cells. Molecular Immunology, 2009, 46, 3240-3244.	2.2	26
66	Genetic Susceptibility Loci in Rheumatoid Arthritis Establish Transcriptional Regulatory Networks with Other Genes. Annals of the New York Academy of Sciences, 2009, 1173, 521-537.	3.8	12
67	8q Deletion in MYCN-amplified Neuroblastoma of a Child Born From Assisted Reproductive Technology. Journal of Pediatric Hematology/Oncology, 2009, 31, 215-219.	0.6	3
68	Gene Expression Profiles Stratified according to Type 1 Diabetes Mellitus Susceptibility Regions. Annals of the New York Academy of Sciences, 2008, 1150, 282-289.	3.8	13
69	Transcriptional changes in U343 MG-a glioblastoma cell line exposed to ionizing radiation. Human and Experimental Toxicology, 2008, 27, 919-929.	2.2	19
70	Efficiency of the DNA repair and polymorphisms of the XRCC1, XRCC3 and XRCC4 DNA repair genes in systemic lupus erythematosus. Lupus, 2008, 17, 988-995.	1.6	40
71	Cytogenetic and molecular analysis of MLL rearrangements in acute lymphoblastic leukaemia survivors. Mutagenesis, 2008, 24, 153-160.	2.6	11
72	Targeting Poly (ADP) Ribose Polymerase I (PARP-1) and PARP-1 Interacting Proteins for Cancer Treatment. Anti-Cancer Agents in Medicinal Chemistry, 2008, 8, 402-416.	1.7	10

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73	Gene Expression Profiles in Human Lymphocytes Irradiated In Vitro with Low Doses of Gamma Rays. Radiation Research, 2007, 168, 650.	1.5	59
74	Acute myeloid leukemia (AML-M2) with t(5;11)(q35;q13) and normal expression of cyclin D1. Cancer Genetics and Cytogenetics, 2007, 172, 154-157.	1.0	7
75	Profiling Meta-Analysis Reveals Primarily Gene Coexpression Concordance between Systemic Lupus Erythematosus and Rheumatoid Arthritis. Annals of the New York Academy of Sciences, 2007, 1110, 33-46.	3.8	25
76	cDNA microarray analysis of cyclosporin A (CsA)-treated human peripheral blood mononuclear cells reveal modulation of genes associated with apoptosis, cell-cycle regulation and DNA repair. Molecular and Cellular Biochemistry, 2007, 304, 235-241.	3.1	3
77	Hybridization signatures of gamma-irradiated murine fetal thymus organ culture (FTOC) reveal modulation of genes associated with T-cell receptor V(D)J recombination and DNA repair. Molecular Immunology, 2006, 43, 464-472.	2.2	7
78	Onset of promiscuous gene expression in murine fetal thymus organ culture. Immunology, 2006, 119, 369-375.	4.4	22
79	Metabolism Genes Are among the Differentially Expressed Ones Observed in Lymphomononuclear Cells of Recently Diagnosed Type 1 Diabetes Mellitus Patients. Annals of the New York Academy of Sciences, 2006, 1079, 171-176.	3.8	6
80	Is HLA Class II Profile Relevant for the Study of Large-Scale Differentially Expressed Genes in Type 1 Diabetes Mellitus Patients?. Annals of the New York Academy of Sciences, 2006, 1079, 305-309.	3.8	4
81	Using cDNA microarrays to identify human CD19+ B cell gene products (ESTs) originated from systemic lupus erythematosus susceptibility loci. Autoimmunity Reviews, 2006, 5, 319-323.	5.8	5
82	Cell organisation, sulphur metabolism and ion transport-related genes are differentially expressed in Paracoccidioides brasiliensis mycelium and yeast cells. BMC Genomics, 2006, 7, 208.	2.8	18
83	Promiscuous Gene Expression in the Thymus: The Root of Central Tolerance. Clinical and Developmental Immunology, 2006, 13, 81-99.	3.3	28
84	Cytogenetic Characterization of Two Partamona Species (Hymenoptera, Apinae, Meliponini) by Fluorochrome Staining and Localization of 18S rDNA Clusters by FISH. Cytologia, 2005, 70, 373-380.	0.6	33
85	Fluorescent in situ hybridization in liver cell touch preparations from autopsy. Pathology Research and Practice, 2005, 201, 41-47.	2.3	7
86	Changes in the gene expression profiling of the thymus in response to fibrosarcoma growth. Molecular and Cellular Biochemistry, 2005, 276, 81-88.	3.1	1
87	Genomic Instability:Signaling Pathways Orchestrating the Responsesto Ionizing Radiation and Cisplatin. Genome Dynamics and Stability, 2005, , 423-452.	1.1	1
88	High susceptibility of chromosome 16 to radiation-induced chromosome rearrangements in human lymphocytes under in vivo and in vitro exposure. Cytogenetic and Genome Research, 2005, 108, 287-292.	1.1	9
89	Hybridization signatures during thymus ontogeny reveals modulation of genes coding for T-cell signaling proteins. Molecular Immunology, 2005, 42, 1043-1048.	2.2	9

 $_{90}$ Analysis of ETV6/RUNX1 fusions for evaluating the late effects of cancer therapy in ALL (acute) Tj ETQq0 0 0 rgBT / $_{1.1}^{0}$ PV for 62

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91	Immunosuppressive therapy modulates T lymphocyte gene expression in patients with systemic lupus erythematosus. Immunology, 2004, 113, 99-105.	4.4	27
92	Clastogenic effect of ethanol in chronic and abstinent alcoholics. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2004, 560, 187-198.	1.7	15
93	Translocation analysis by the FISH-painting method for retrospective dose reconstruction in individuals exposed to ionizing radiation 10 years after exposure. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2003, 530, 1-7.	1.0	40
94	Chromosomal aberrations induced by 5-azacytidine combined with VP-16 (etoposide) in CHO-K1 and XRS-5 cell lines. Teratogenesis, Carcinogenesis, and Mutagenesis, 2003, 23, 171-186.	0.8	4
95	Gene expression profiles in human cells submitted to genotoxic stress. Mutation Research - Reviews in Mutation Research, 2003, 544, 403-413.	5.5	53
96	EVALUATION OF A HIGH DOSE TO A FINGER FROM A 60Co ACCIDENT. Health Physics, 2003, 84, 477-482.	0.5	16
97	Chromosomal rearrangements involving telomeric DNA sequences in Balb/3T3 cells transfected with the Ha-ras oncogene. Mutagenesis, 2002, 17, 67-72.	2.6	11
98	Differential gene expression in Î ³ -irradiated BALB/3T3 fibroblasts under the influence of 3-aminobenzamide, an inhibitior of parp enzyme. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2002, 508, 33-40.	1.0	13
99	Influence of interferon-? on radiation-induced apoptosis in normal and ataxia-telangiectasia fibroblast cell lines. Teratogenesis, Carcinogenesis, and Mutagenesis, 2001, 21, 417-429.	0.8	7
100	Evaluation of chromosomal aberrations, micronuclei, and sister chromatid exchanges in hospital workers chronically exposed to ionizing radiation. Teratogenesis, Carcinogenesis, and Mutagenesis, 2001, 21, 431-439.	0.8	97
101	Influence of novobiocin on g -irradiation G0-lymphocytes as analyzed by cytogenetic endpoints. Genetics and Molecular Biology, 1999, 22, 217-223.	1.3	2
102	Interaction effects of 5-azacytidine with topoisomerase II inhibitors on CHO cells, as detected by cytogenetic analysis. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1999, 431, 13-23.	1.0	7
103	Chromosome Translocations in Lymphocytes from Individuals Exposed to 137Cs 7.5 Years After the Accident in GoiÂnia (Brazil). Radiation Protection Dosimetry, 1999, 86, 25-32.	0.8	16
104	137Cesium-induced chromosome aberrations analyzed by fluorescence in situ hybridization: eight years follow up of the Goiânia radiation accident victims. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1998, 400, 299-312.	1.0	78
105	Genotoxicity of the natural cercaricides "sucupira―oil and eremanthine in mammalian cells in vitro and in vivo. Environmental and Molecular Mutagenesis, 1995, 26, 338-344.	2.2	18
106	Clastogenic action of ellipticine over the cell cycle of human lymphocytes and influence of posttreatments with caffeine and ara-C at G2. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1991, 248, 195-202.	1.0	13
107	Potentiation of the clastogenic action of ellipticine by the DNA-repair inhibitors caffeine and ara-C. Mutation Research - Environmental Mutagenesis and Related Subjects Including Methodology, 1990, 234, 402-403.	0.4	0
108	Clastogenic effect of the plant alkaloid ellipticine on bone marrow cells of Wistar rats and on human peripheral blood lymphocytes. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1988, 199, 11-19.	1.0	18

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109	Clastogenic effect of the plant alkaloid ellipticine on bone marrow cells of Wistar rats and on human peripheral blood lymphocytes. Mutation Research - Environmental Mutagenesis and Related Subjects Including Methodology, 1988, 199, 11-19.	0.4	0

110 Oxidative Stress, DNA Damage and Repair Pathways in Patients with Type 2 Diabetes Mellitus. , 0, , .