

Takemi Otsuki

List of Publications by Year in descending order

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Version: 2024-02-01

114
papers

2,791
citations

201674

27
h-index

182427

51
g-index

123
all docs

123
docs citations

123
times ranked

3718
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeting LDH enzymes with a stiripentol analog to treat epilepsy. <i>Science</i> , 2015, 347, 1362-1367.	12.6	302
2	Assessing the carcinogenic potential of low-dose exposures to chemical mixtures in the environment: the challenge ahead. <i>Carcinogenesis</i> , 2015, 36, S254-S296.	2.8	239
3	A Novel Chromosomal Translocation t(4; 14)(p16.3; q32) in Multiple Myeloma Involves the Fibroblast Growth-Factor Receptor 3 Gene. <i>Blood</i> , 1997, 90, 4062-4070.	1.4	201
4	Expression of Vascular Endothelial Growth Factor (VEGF) Family Members in Breast Cancer. <i>Japanese Journal of Cancer Research</i> , 1999, 90, 977-981.	1.7	149
5	Deregulated FGFR3 mutants in multiple myeloma cell lines with t(4;14): comparative analysis of Y373C, K650E and the novel G384D mutations. <i>Oncogene</i> , 2001, 20, 3553-3562.	5.9	98
6	Immunological effects of silica and asbestos. <i>Cellular and Molecular Immunology</i> , 2007, 4, 261-8.	10.5	96
7	Frequent <i>PVT1</i> Rearrangement and Novel Chimeric Genes <i>PVT1-NBEA</i> and <i>PVT1-WWOX</i> Occur in Multiple Myeloma with 8q24 Abnormality. <i>Cancer Research</i> , 2012, 72, 4954-4962.	0.9	89
8	Dysregulation of the immune system caused by silica and asbestos. <i>Journal of Immunotoxicology</i> , 2010, 7, 268-278.	1.7	81
9	Engineered metal based nanoparticles and innate immunity. <i>Clinical and Molecular Allergy</i> , 2015, 13, 13.	1.8	79
10	Hypoxia Reduces Hormone Responsiveness of Human Breast Cancer Cells. <i>Japanese Journal of Cancer Research</i> , 2001, 92, 1093-1101.	1.7	78
11	Asbestos-Induced Cellular and Molecular Alteration of Immunocompetent Cells and Their Relationship with Chronic Inflammation and Carcinogenesis. <i>Journal of Biomedicine and Biotechnology</i> , 2012, 2012, 1-9.	3.0	73
12	Involvement of IL-10 and Bcl-2 in resistance against an asbestos-induced apoptosis of T cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2006, 11, 1825-1835.	4.9	63
13	Silicosis and autoimmunity. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2017, 17, 78-84.	2.3	60
14	A Radicicol Derivative, KF58333, Inhibits Expression of Hypoxia-inducible Factor-1 α and Vascular Endothelial Growth Factor, Angiogenesis and Growth of Human Breast Cancer Xenografts. <i>Japanese Journal of Cancer Research</i> , 2001, 92, 1342-1351.	1.7	59
15	Alterations of Fas and Fas-Related Molecules in Patients with Silicosis. <i>Experimental Biology and Medicine</i> , 2006, 231, 522-533.	2.4	56
16	Environmental factors producing autoimmune dysregulation – Chronic activation of T cells caused by silica exposure. <i>Immunobiology</i> , 2012, 217, 743-748.	1.9	53
17	Reduction of CXC Chemokine Receptor 3 in an <i>In Vitro</i> Model of Continuous Exposure to Asbestos in a Human T-Cell Line, MT-2. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2011, 45, 470-479.	2.9	47
18	Decreased CXCR3 Expression in CD4+T Cells Exposed to Asbestos or Derived from Asbestos-Exposed Patients. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2011, 45, 795-803.	2.9	47

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19	Downregulation of microRNA-34 induces cell proliferation and invasion of human mesothelial cells. <i>Oncology Reports</i> , 2013, 29, 2169-2174.	2.6	46
20	The degree of microRNA-34b/c methylation in serum-circulating DNA is associated with malignant pleural mesothelioma. <i>Lung Cancer</i> , 2013, 82, 485-490.	2.0	43
21	Chemical compounds from anthropogenic environment and immune evasion mechanisms: potential interactions. <i>Carcinogenesis</i> , 2015, 36, S111-S127.	2.8	43
22	Silica exposure and altered regulation of autoimmunity. <i>Environmental Health and Preventive Medicine</i> , 2014, 19, 322-329.	3.4	41
23	Altered functions of alveolar macrophages and NK cells involved in asbestos-related diseases. <i>Environmental Health and Preventive Medicine</i> , 2013, 18, 198-204.	3.4	40
24	Functional Properties of CD8 ⁺ Lymphocytes in Patients with Pleural Plaque and Malignant Mesothelioma. <i>Journal of Immunology Research</i> , 2014, 2014, 1-10.	2.2	39
25	IL-10 in Myeloma Cells. <i>Leukemia and Lymphoma</i> , 2002, 43, 969-974.	1.3	38
26	Effect of Asbestos Exposure on Differentiation of Cytotoxic T Lymphocytes in Mixed Lymphocyte Reaction of Human Peripheral Blood Mononuclear Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2013, 49, 28-36.	2.9	38
27	Anti-HER2 antibody enhances irradiation-induced growth inhibition in head and neck carcinoma. <i>International Journal of Cancer</i> , 2001, 94, 474-479.	5.1	33
28	Asbestos Induces Reduction of Tumor Immunity. <i>Clinical and Developmental Immunology</i> , 2011, 2011, 1-9.	3.3	30
29	Structure-based design of gRNA for Cas13. <i>Scientific Reports</i> , 2020, 10, 11610.	3.3	27
30	Enhancement of regulatory T cell-like suppressive function in MT-2 by long-term and low-dose exposure to asbestos. <i>Toxicology</i> , 2015, 338, 86-94.	4.2	26
31	Effects of All-transRetinoic Acid (ATRA) on Human Myeloma Cells. <i>Leukemia and Lymphoma</i> , 2003, 44, 1651-1656.	1.3	25
32	FoxO1 regulates apoptosis induced by asbestos in the MT-2 human T-cell line. <i>Journal of Immunotoxicology</i> , 2016, 13, 620-627.	1.7	25
33	Chronic exposure to asbestos enhances TGF- β 1 production in the human adult T cell leukemia virus-immortalized T cell line MT-2. <i>International Journal of Oncology</i> , 2014, 45, 2522-2532.	3.3	24
34	For making a declaration of countermeasures against the falling birth rate from the Japanese Society for Hygiene: summary of discussion in the working group on academic research strategy against an aging society with low birth rate. <i>Environmental Health and Preventive Medicine</i> , 2019, 24, 14.	3.4	23
35	Expression and <i>In Vitro</i> Modification of Parathyroid Hormone-Related Protein (PTHrP) and PTH/PTHrP-Receptor in Human Myeloma Cells. <i>Leukemia and Lymphoma</i> , 2001, 41, 397-409.	1.3	22
36	Effects of an HMG-CoA reductase inhibitor, simvastatin, on human myeloma cells. <i>Oncology Reports</i> , 2004, 11, 1053-8.	2.6	22

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37	Environmental factors and human health: fibrous and particulate substance-induced immunological disorders and construction of a health-promoting living environment. <i>Environmental Health and Preventive Medicine</i> , 2016, 21, 71-81.	3.4	21
38	Functional Alteration of Natural Killer Cells and Cytotoxic T Lymphocytes upon Asbestos Exposure and in Malignant Mesothelioma Patients. <i>BioMed Research International</i> , 2015, 2015, 1-9.	1.9	20
39	Resistance to asbestos-induced apoptosis with continuous exposure to crocidolite on a human T cell. <i>Science of the Total Environment</i> , 2012, 429, 174-182.	8.0	17
40	Inflammatory Alteration of Human T Cells Exposed Continuously to Asbestos. <i>International Journal of Molecular Sciences</i> , 2018, 19, 504.	4.1	16
41	Alteration of cytoskeletal molecules in a human T cell line caused by continuous exposure to chrysotile asbestos. <i>Immunobiology</i> , 2013, 218, 1184-1191.	1.9	15
42	Role of Nephronectin in Pathophysiology of Silicosis. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2581.	4.1	15
43	Accelerated cell cycle progression of human regulatory T cell-like cell line caused by continuous exposure to asbestos fibers. <i>International Journal of Oncology</i> , 2017, 50, 66-74.	3.3	14
44	Reduced Expression of the Inhibitory Genes for Fas α -Mediated Apoptosis in Silicosis Patients. <i>Journal of Occupational Health</i> , 2000, 42, 163-168.	2.1	14
45	Interleukin 10 abolishes the growth inhibitory effects of all-trans retinoic acid on human myeloma cells. <i>British Journal of Haematology</i> , 2002, 116, 787-795.	2.5	12
46	Genetic and biological characterization of human myeloma cell lines: An overview of the lines established at Kawasaki Medical School. <i>Gene Function & Disease</i> , 2000, 1, 48-56.	0.3	11
47	Combined effects of docetaxel and fluoropyrimidines on tumor growth and expression of interleukin-6 and thymidine phosphorylase in breast cancer xenografts. <i>Cancer Chemotherapy and Pharmacology</i> , 2001, 48, 283-288.	2.3	11
48	The Suppressed Induction of Human Mature Cytotoxic T Lymphocytes Caused by Asbestos Is Not due to Interleukin-2 Insufficiency. <i>Journal of Immunology Research</i> , 2016, 2016, 1-10.	2.2	11
49	Clinical evaluation of CENP-B and Scl-70 autoantibodies in silicosis patients. <i>Experimental and Therapeutic Medicine</i> , 2017, 13, 2616-2622.	1.8	11
50	Impact of heavy rains of 2018 in western Japan: disaster-induced health outcomes among the population of Innoshima Island. <i>Heliyon</i> , 2020, 6, e03942.	3.2	11
51	Cytokine Profile and Immunoglobulin E-mediated Serological Food Hypersensitivity in Patients With Irritable Bowel Syndrome With Diarrhea. <i>Journal of Neurogastroenterology and Motility</i> , 2018, 24, 415-421.	2.4	10
52	The Effects of Asbestos Fibers on Human T Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6987.	4.1	10
53	Establishment of CD7+ Human Myeloma Sister Cell Lines, KMS-21-PE and KMS-21-BM, Carrying t(11;14) and t(8;14). <i>Leukemia and Lymphoma</i> , 2001, 42, 761-774.	1.3	9
54	Enhancement of NK Cell Cytotoxicity Induced by Long-Term Living in Negatively Charged-Particle Dominant Indoor Air-Conditions. <i>PLoS ONE</i> , 2015, 10, e0132373.	2.5	8

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55	The proliferative effects of asbestos-exposed peripheral blood mononuclear cells on mesothelial cells. <i>Oncology Letters</i> , 2016, 11, 3308-3316.	1.8	7
56	Search for biomarkers of asbestos exposure and asbestos-induced cancers in investigations of the immunological effects of asbestos. <i>Environmental Health and Preventive Medicine</i> , 2017, 22, 53.	3.4	7
57	Enhanced expression of nicotinamide nucleotide transhydrogenase (NNT) and its role in a human T cell line continuously exposed to asbestos. <i>Environment International</i> , 2020, 138, 105654.	10.0	7
58	Exposure to negatively charged-particle dominant air-conditions on human lymphocytes in vitro activates immunological responses. <i>Immunobiology</i> , 2015, 220, 1359-1368.	1.9	6
59	Induction of IL-17 production from human peripheral blood CD4+ cells by asbestos exposure. <i>International Journal of Oncology</i> , 2017, 50, 2024-2032.	3.3	6
60	Decrease in Intracellular Perforin Levels and IFN- γ Production in Human CD8+ T Cell Line following Long-Term Exposure to Asbestos Fibers. <i>Journal of Immunology Research</i> , 2018, 2018, 1-10.	2.2	5
61	4-Hydroxy-3,5,3',4'-Tetrachlorobiphenyl Induced Membrane Permeability Transition in Isolated Rat Liver Mitochondria. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2006, 38, 167-175.	1.4	5
62	Aberrant expression of FoxP3 in a human T γ 1/2 cell line possessing regulatory T cell-like function and exposed continuously to asbestos fibers. <i>Oncology Reports</i> , 2018, 40, 748-758.	2.6	4
63	Ingredients such as trehalose and hesperidin taken as supplements or foods reverse alterations in human T cells, reducing asbestos exposure-induced antitumor immunity. <i>International Journal of Oncology</i> , 2021, 58, .	3.3	4
64	Biological Effects of Cloth Containing Specific Ore Powder in Patients with Pollen Allergy. <i>Biomedical and Environmental Sciences</i> , 2016, 29, 563-573.	0.2	4
65	Asbestos and malignant mesothelioma: foreword. <i>Environmental Health and Preventive Medicine</i> , 2008, 13, 53-54.	3.4	3
66	Effect of Asbestos on Anti-Tumor Immunity and Immunological Alteration in Patients with Malignant Mesothelioma. , 2012, , .		3
67	Immunostimulation by Silica Particles and the Development of Autoimmune Dysregulation. , 0, , .		3
68	Didgeridoo Health Promotion Method Improves Mood, Mental Stress, and Stability of Autonomic Nervous System. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3443.	2.6	3
69	Effects of Asbestos Fibers on Human Cytotoxic T Cells. <i>Current Topics in Environmental Health and Preventive Medicine</i> , 2016, , 211-221.	0.1	3
70	Keynote lecture in the 13th Japanese Society of Immunotoxicology (JSIT 2006). <i>Environmental Health and Preventive Medicine</i> , 2007, 12, 153-60.	3.4	2
71	Biological effects of fibrous and particulate substances and related areas: foreword. <i>Environmental Health and Preventive Medicine</i> , 2009, 14, 214-215.	3.4	2
72	Increased production of matrix metalloproteinase-7 (MMP-7) by asbestos exposure enhances tissue migration of human regulatory T-like cells. <i>Toxicology</i> , 2021, 452, 152717.	4.2	2

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73	Effect of IL-15 addition on asbestos-induced suppression of human cytotoxic T lymphocyte induction. Environmental Health and Preventive Medicine, 2021, 26, 50.	3.4	2
74	T Cell Alteration Caused by Exposure to Asbestos. Current Topics in Environmental Health and Preventive Medicine, 2016, , 195-210.	0.1	2
75	Effects of genetic and nutritional factors on bone mineral density in young adults. International Journal of Molecular Medicine, 2004, 14, 669-76.	4.0	2
76	Decrease in Serum Amyloid a Protein Levels Following Three-month Stays in Negatively Charged Particle-dominant Indoor Air Conditions. Biomedical and Environmental Sciences, 2018, 31, 335-342.	0.2	2
77	Report of the 13th Annual Meeting of the Japanese Society of Immunotoxicology (JSIT 2006). Environmental Health and Preventive Medicine, 2007, 12, 151-152.	3.4	1
78	Immunological Effects of Environmental Factors: Focus on the Fibrous and Particulated Materials. Journal of Immunology Research, 2014, 2014, 1-1.	2.2	1
79	Suppressive Effects of Asbestos Exposure on the Human Immune Surveillance System. Current Topics in Environmental Health and Preventive Medicine, 2017, , 1-14.	0.1	1
80	Effects of a Cloth Panel Containing a Specific Ore Powder on Patients with Japanese Cedar Pollen Allergy During the Pollen Dispersal Season. Journal of Clinical Medicine, 2019, 8, 2164.	2.4	1
81	Suppressed Immune System Caused by Exposure to Asbestos and Malignant Mesothelioma. , 2020, , .		1
82	NK4, an Antagonist of Hepatocyte Growth Factor (HGF), Inhibits Growth of Multiple Myeloma Cells In Vitro and In Vivo: A Mouse Model for Molecular Targeting of Angiogenic Growth Factor.. Blood, 2004, 104, 637-637.	1.4	1
83	Frequent Involvement of PVT1 in Multiple Myeloma Carrying 8q24 Rearrangement and Identification of Novel PVT1-NBEA Chimeric Gene,. Blood, 2011, 118, 3917-3917.	1.4	1
84	Comparative Genomic Hybridization Detected Nonrandom Chromosomal Gains and Losses in Three Pairs of Sister Myeloma Cell Lines Established from bone Marrow- and Pleural Effusion-cells from the Same Patient. Oral Medicine & Pathology, 2004, 9, 103-111.	0.2	1
85	Cell biological roles of IL-10 in myeloma cells.. Journal of Clinical and Experimental Hematopathology: JCEH, 2002, 42, 1-9.	0.8	1
86	IL-6 is a key factor in growth inhibition of human myeloma cells induced by pravastatin, an HMG-CoA reductase inhibitor. International Journal of Oncology, 2003, 23, 763-8.	3.3	1
87	Greetings from the New Editor-in-Chief. Environmental Health and Preventive Medicine, 2012, 17, 347-347.	3.4	0
88	In commemoration of the 20th anniversary. Environmental Health and Preventive Medicine, 2015, 20, 1-2.	3.4	0
89	Immunological Risks Caused by Fibrous and Particulate Substances. , 2016, , .		0
90	A New Method to Determine Natural Killer Cell Activity Without Target Cells. , 0, , .		0

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91	1708â€¦Immunotoxicology in occupational and environmental circumstances. , 2018, , .		0
92	1707â€¦Allergies in the workplace. , 2018, , .		0
93	414â€¦Induction of il-17 production from human peripheral blood cd4+ cells by asbestos exposure. , 2018, , .		0
94	416â€¦Search for biomarkers of asbestos exposure and asbestos-induced cancers in investigations of the immunological effects of asbestos. , 2018, , .		0
95	Toxicity of Titanate Nanosheets on Human Immune Cells. , 2018, , .		0
96	Cytotoxicity Caused by Asbestos Fibers and Acquisition of Resistance by Continuous Exposure in Human T Cells. , 2018, , .		0
97	Autoantibodies in Silicosis Patients: Silica-Induced Dysregulation of Autoimmunity. , 0, , .		0
98	Biological Effects of Negatively Charged Particle-Dominant Indoor Air Conditions. , 0, , .		0
99	Alteration of Various Lymphocytes by Particulate and Fibrous Substances. , 2019, , .		0
100	Trials for Health Promotion by Indoor Environment Modifications. , 2019, , .		0
101	Effect of asbestos exposure on differentiation and function of cytotoxic T lymphocytes. Environmental Health and Preventive Medicine, 2020, 25, 59.	3.4	0
102	Immune Alteration Caused by Fibrous and Particulate Environmental Substances. , 2020, , .		0
103	Role for Interleukin-6 and Insulin like Growth Factor-I Via PI3-K/Akt Pathway in the Proliferation of CD56-Negative and Positive Multiple Myeloma Cells.. Blood, 2004, 104, 3365-3365.	1.4	0
104	Association between equol production and bone turnover. FASEB Journal, 2007, 21, A370.	0.5	0
105	Alterations of DCC Gene in B-Cell Malignancies.. Blood, 2009, 114, 4428-4428.	1.4	0
106	Identification and Functional Significance of Novel Type of Structurally Aberrant Transcripts of DCC In B-Cell Malignancies.. Blood, 2010, 116, 3623-3623.	1.4	0
107	Abstract 187: Down-regulation of microRNA34 induces cell proliferation and invasion of human mesothelial cells. , 2012, , .		0
108	Abstract 4153: Usefulness of sensitive digital PCR assay to quantify microRNA-34b/c methylation in the circulating serum DNA of malignant mesothelioma patients. , 2012, , .		0

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109	Silica-Induced Immunotoxicity: Chronic and Aberrant Activation of Immune Cells. Current Topics in Environmental Health and Preventive Medicine, 2017, , 15-26.	0.1	0
110	Construction of bioscore for detection of self-tolerance failure: From analysis of silicosis cases. , 2022, , 347-356.		0
111	Clinical Evaluation of Plasma Decoy Receptor 3 Levels in Silicosis. Current Topics in Environmental Health and Preventive Medicine, 2020, , 197-213.	0.1	0
112	Reduction of Antitumor Immunity Caused by Asbestos Exposure. Current Topics in Environmental Health and Preventive Medicine, 2020, , 215-227.	0.1	0
113	Effects of a Cloth Panel Containing a Specific Ore Powder on Patients with Chamaecyparis obtusa (Cypress) Pollen Allergy. Scientific World Journal, The, 2021, 2021, 1-13.	2.1	0
114	Expression of HER family receptors and effects of anti-HER2-antibody on human myeloma cell lines. International Journal of Oncology, 2003, 23, 1135-41.	3.3	0