Takemi Otsuki

List of Publications by Year
in descending order

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	Construction of bioscore for detection of self-tolerance failure: From analysis of silicosis cases. , 2022, , 347-356.		0
2	Ingredients such as trehalose and hesperidin taken as supplements or foods reverse alterations in human TÂcells, reducing asbestos exposure-induced antitumor immunity. International Journal of Oncology, 2021, 58, .	3.3	4
3	Increased production of matrix metalloproteinase-7 (MMP-7) by asbestos exposure enhances tissue migration of human regulatory T-like cells. Toxicology, 2021, 452, 152717.	4.2	2
4	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
5	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
6	The Effects of Asbestos Fibers on Human T Cells. International Journal of Molecular Sciences, 2020, 21, 6987.	4.1	10
7	Effect of asbestos exposure on differentiation and function of cytotoxic T lymphocytes. Environmental Health and Preventive Medicine, 2020, 25, 59.	3.4	0
8	Structure-based design of gRNA for Cas13. Scientific Reports, 2020, 10, 11610.	3.3	27
9	Impact of heavy rains of 2018 in western Japan: disaster-induced health outcomes among the population of Innoshima Island. Heliyon, 2020, 6, e03942.	3.2	11
10	Immune Alteration Caused by Fibrous and Particulate Environmental Substances. , 2020, , .		0
11	Suppressed Immune System Caused by Exposure to Asbestos and Malignant Mesothelioma. , 2020, , .		1
12	Enhanced expression of nicotinamide nucleotide transhydrogenase (NNT) and its role in a human T cell line continuously exposed to asbestos. Environment International, 2020, 138, 105654.	10.0	7
13	Clinical Evaluation of Plasma Decoy Receptor 3 Levels in Silicosis. Current Topics in Environmental Health and Preventive Medicine, 2020, , 197-213.	0.1	0
14	Reduction of Antitumor Immunity Caused by Asbestos Exposure. Current Topics in Environmental Health and Preventive Medicine, 2020, , 215-227.	0.1	0
15	Didgeridoo Health Promotion Method Improves Mood, Mental Stress, and Stability of Autonomic Nervous System. International Journal of Environmental Research and Public Health, 2019, 16, 3443.	2.6	3
16	Role of Nephronectin in Pathophysiology of Silicosis. International Journal of Molecular Sciences, 2019, 20, 2581.	4.1	15
17	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. Environmental Health and Preventive Medicine, 2019, 24, 14.	3.4	23
18	Alteration of Various Lymphocytes by Particulate and Fibrous Substances. , 2019, , .		0

#	Article	IF	Citations
19	Trials for Health Promotion by Indoor Environment Modifications. , 2019, , .		0
20	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
21	1708â€…Immunotoxicology in occupational and environmental circumstances. , 2018, , .		0
22	1707â€…Allergies in the workplace. , 2018, , .		0
23	414â€…Induction of il-17 production from human peripheral blood cd4+ cells by asbestos exposure. , 2018, , .		0
24	416â€…Search for biomarkers of asbestos exposure and asbestos-induced cancers in investigations of the immunological effects of asbestos. , 2018, , .		0
25	Toxicity of Titanate Nanosheets on Human Immune Cells. , 2018, , .		0
26	Cytotoxicity Caused by Asbestos Fibers and Acquisition of Resistance by Continuous Exposure in Human T Cells. , 2018, , .		0
27	Decrease in Intracellular Perforin Levels and IFN-Î³ Production in Human CD8+ T Cell Line following Long-Term Exposure to Asbestos Fibers. Journal of Immunology Research, 2018, 2018, 1-10.	2.2	5
28	Inflammatory Alteration of Human T Cells Exposed Continuously to Asbestos. International Journal of Molecular Sciences, 2018, 19, 504.	4.1	16
29	Cytokine Profile and Immunoglobulin E-mediated Serological Food Hypersensitivity in Patients With Irritable Bowel Syndrome With Diarrhea. Journal of Neurogastroenterology and Motility, 2018, 24, 415-421.	2.4	10
30	Aberrant expression of FoxP3 in a human Ti¿½cell line possessing regulatory T cellâ€˜like function and exposed continuously to asbestos fibers. Oncology Reports, 2018, 40, 748-758.	2.6	4
31	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
32	Accelerated cell cycle progression of human regulatory T cell-like cell line caused by continuous exposure to asbestos fibers. International Journal of Oncology, 2017, 50, 66-74.	3.3	14
33	Clinical evaluation of CENP-B and Scl-70 autoantibodies in silicosis patients. Experimental and Therapeutic Medicine, 2017, 13, 2616-2622.	1.8	11
34	Silicosis and autoimmunity. Current Opinion in Allergy and Clinical Immunology, 2017, 17, 78-84.	2.3	60
35	Search for biomarkers of asbestos exposure and asbestos-induced cancers in investigations of the immunological effects of asbestos. Environmental Health and Preventive Medicine, 2017, 22, 53.	3.4	7
36	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

#	Article	IF	Citations
37	Induction of IL-17 production from human peripheral blood CD4+ cells by asbestos exposure. International Journal of Oncology, 2017, 50, 2024-2032.	3.3	6
38	Silica-Induced Immunotoxicity: Chronic and Aberrant Activation of Immune Cells. Current Topics in Environmental Health and Preventive Medicine, 2017, , 15-26.	0.1	0
39	Immunological Risks Caused by Fibrous and Particulate Substances. , 2016, , .		0
40	The Suppressed Induction of Human Mature Cytotoxic T Lymphocytes Caused by Asbestos Is Not due to Interleukin-2 Insufficiency. Journal of Immunology Research, 2016, 2016, 1-10.	2.2	11
41	FoxO1 regulates apoptosis induced by asbestos in the MT-2 human T-cell line. Journal of Immunotoxicology, 2016, 13, 620-627.	1.7	25
42	Environmental factors and human health: fibrous and particulate substance-induced immunological disorders and construction of a health-promoting living environment. Environmental Health and Preventive Medicine, 2016, 21, 71-81.	3.4	21
43	The proliferative effects of asbestos-exposed peripheral blood mononuclear cells on mesothelial cells. Oncology Letters, 2016, 11, 3308-3316.	1.8	7
44	T Cell Alteration Caused by Exposure to Asbestos. Current Topics in Environmental Health and Preventive Medicine, 2016, , 195-210.	0.1	2
45	Effects of Asbestos Fibers on Human Cytotoxic T Cells. Current Topics in Environmental Health and Preventive Medicine, 2016, , 211-221.	0.1	3
46	Biological Effects of Cloth Containing Specific Ore Powder in Patients with Pollen Allergy. Biomedical and Environmental Sciences, 2016, 29, 563-573.	0.2	4
47	Enhancement of NK Cell Cytotoxicity Induced by Long-Term Living in Negatively Charged-Particle Dominant Indoor Air-Conditions. PLoS ONE, 2015, 10, e0132373.	2.5	8
48	Functional Alteration of Natural Killer Cells and Cytotoxic T Lymphocytes upon Asbestos Exposure and in Malignant Mesothelioma Patients. BioMed Research International, 2015, 2015, 1-9.	1.9	20
49	Engineered metal based nanoparticles and innate immunity. Clinical and Molecular Allergy, 2015, 13, 13.	1.8	79
50	Exposure to negatively charged-particle dominant air-conditions on human lymphocytes in vitro activates immunological responses. Immunobiology, 2015, 220, 1359-1368.	1.9	6
51	Assessing the carcinogenic potential of low-dose exposures to chemical mixtures in the environment: the challenge ahead. Carcinogenesis, 2015, 36, S254-S296.	2.8	239
52	In commemoration of the 20th anniversary. Environmental Health and Preventive Medicine, 2015, 20, 1-2.	3.4	0
53	Targeting LDH enzymes with a stiripentol analog to treat epilepsy. Science, 2015, 347, 1362-1367.	12.6	302
54	Enhancement of regulatory T cell-like suppressive function in MT-2 by long-term and low-dose exposure to asbestos. Toxicology, 2015, 338, 86-94.	4.2	26

#	Article	IF	Citations
55	Chemical compounds from anthropogenic environment and immune evasion mechanisms: potential interactions. Carcinogenesis, 2015, 36, S111-S127.	2.8	43
56	Functional Properties of CD8⁺Lymphocytes in Patients with Pleural Plaque and Malignant Mesothelioma. Journal of Immunology Research, 2014, 2014, 1-10.	2.2	39
57	Immunological Effects of Environmental Factors: Focus on the Fibrous and Particulated Materials. Journal of Immunology Research, 2014, 2014, 1-1.	2.2	1
58	Silica exposure and altered regulation of autoimmunity. Environmental Health and Preventive Medicine, 2014, 19, 322-329.	3.4	41
59	Chronic exposure to asbestos enhances TGF-Î²1 production in the human adult T cell leukemia virus-immortalized T cell line MT-2. International Journal of Oncology, 2014, 45, 2522-2532.	3.3	24
60	Altered functions of alveolar macrophages and NK cells involved in asbestos-related diseases. Environmental Health and Preventive Medicine, 2013, 18, 198-204.	3.4	40
61	Alteration of cytoskeletal molecules in a human T cell line caused by continuous exposure to chrysotile asbestos. Immunobiology, 2013, 218, 1184-1191.	1.9	15
62	The degree of microRNA-34b/c methylation in serum-circulating DNA is associated with malignant pleural mesothelioma. Lung Cancer, 2013, 82, 485-490.	2.0	43
63	Effect of Asbestos Exposure on Differentiation of Cytotoxic T Lymphocytes in Mixed Lymphocyte Reaction of Human Peripheral Blood Mononuclear Cells. American Journal of Respiratory Cell and Molecular Biology, 2013, 49, 28-36.	2.9	38
64	Downregulation of microRNA-34 induces cell proliferation and invasion of human mesothelial cells. Oncology Reports, 2013, 29, 2169-2174.	2.6	46
65	Frequent PVT1 Rearrangement and Novel Chimeric Genes PVT1-NBEA and PVT1-WWOX Occur in Multiple Myeloma with 8q24 Abnormality. Cancer Research, 2012, 72, 4954-4962.	0.9	89
66	Asbestos-Induced Cellular and Molecular Alteration of Immunocompetent Cells and Their Relationship with Chronic Inflammation and Carcinogenesis. Journal of Biomedicine and Biotechnology, 2012, 2012, 1-9.	3.0	73
67	Environmental factors producing autoimmune dysregulation â€“ Chronic activation of T cells caused by silica exposure. Immunobiology, 2012, 217, 743-748.	1.9	53
68	Greetings from the New Editor-in-Chief. Environmental Health and Preventive Medicine, 2012, 17, 347-347.	3.4	0
69	Effect of Asbestos on Anti-Tumor Immunity and Immunological Alteration in Patients with Malignant Mesothelioma. , 2012, , .		3
70	Resistance to asbestos-induced apoptosis with continuous exposure to crocidolite on a human T cell. Science of the Total Environment, 2012, 429, 174-182.	8.0	17
71	Abstract 187: Down-regulation of microRNA34 induces cell proliferation and invasion of human mesothelial cells. , 2012, , .		0
72	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

#	Article	IF	Citations
73	Reduction of CXC Chemokine Receptor 3 in anIn VitroModel of Continuous Exposure to Asbestos in a Human T-Cell Line, MT-2. American Journal of Respiratory Cell and Molecular Biology, 2011, 45, 470-479.	2.9	47
74	Decreased CXCR3 Expression in CD4+T Cells Exposed to Asbestos or Derived from Asbestos-Exposed Patients. American Journal of Respiratory Cell and Molecular Biology, 2011, 45, 795-803.	2.9	47
75	Asbestos Induces Reduction of Tumor Immunity. Clinical and Developmental Immunology, 2011, 2011, 1-9.	3.3	30
76	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
77	Dysregulation of the immune system caused by silica and asbestos. Journal of Immunotoxicology, 2010, 7, 268-278.	1.7	81
78	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
79	Biological effects of fibrous and particulate substances and related areas: foreword. Environmental Health and Preventive Medicine, 2009, 14, 214-215.	3.4	2
80	Alterations of DCC Gene in B-Cell Malignancies.. Blood, 2009, 114, 4428-4428.	1.4	0
81	Asbestos and malignant mesothelioma: foreword. Environmental Health and Preventive Medicine, 2008, 13, 53-54.	3.4	3
82	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
83	Keynote lecture in the 13th Japanese Society of Immunotoxicology (JSIT 2006). Environmental Health and Preventive Medicine, 2007, 12, 153-60.	3.4	2
84	Association between equol production and bone turnover. FASEB Journal, 2007, 21, A370.	0.5	0
85	Immunological effects of silica and asbestos. Cellular and Molecular Immunology, 2007, 4, 261-8.	10.5	96
86	Alterations of Fas and Fas-Related Molecules in Patients with Silicosis. Experimental Biology and Medicine, 2006, 231, 522-533.	2.4	56
87	Involvement of IL-10 and Bcl-2 in resistance against an asbestos-induced apoptosis of T cells. Apoptosis: an International Journal on Programmed Cell Death, 2006, 11, 1825-1835.	4.9	63
88	4-Hydroxy-3,5,3',4'-Tetrachlorobiphenyl Induced Membrane Permeability Transition in Isolated Rat Liver Mitochondria. Journal of Clinical Biochemistry and Nutrition, 2006, 38, 167-175.	1.4	5
89	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
90	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

#	Article	IF	Citations
91	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
92	Effects of an HMG-CoA reductase inhibitor, simvastatin, on human myeloma cells. Oncology Reports, 2004, 11, 1053-8.	2.6	22
93	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
94	Effects of All-transRetinoic Acid (ATRA) on Human Myeloma Cells. Leukemia and Lymphoma, 2003, 44, 1651-1656.	1.3	25
95	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
96	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
97	IL-10 in Myeloma Cells. Leukemia and Lymphoma, 2002, 43, 969-974.	1.3	38
98	Interleukin 10 abolishes the growth inhibitory effects of allâ€trans retinoic acid on human myeloma cells. British Journal of Haematology, 2002, 116, 787-795.	2.5	12
99	Cell biological roles of IL-10 in myeloma cells.. Journal of Clinical and Experimental Hematopathology: JCEH, 2002, 42, 1-9.	0.8	1
100	Combined effects of docetaxel and fluoropyrimidines on tumor growth and expression of interleukin-6 and thymidine phosphorylase in breast cancer xenografts. Cancer Chemotherapy and Pharmacology, 2001, 48, 283-288.	2.3	11
101	Antiâ€HER2â€antibody enhances irradiationâ€induced growth inhibition in head and neck carcinoma. International Journal of Cancer, 2001, 94, 474-479.	5.1	33
102	Deregulated FGFR3 mutants in multiple myeloma cell lines with t(4;14): comparative analysis of Y373C, K650E and the novel G384D mutations. Oncogene, 2001, 20, 3553-3562.	5.9	98
103	Hypoxia Reduces Hormone Responsiveness of Human Breast Cancer Cells. Japanese Journal of Cancer Research, 2001, 92, 1093-1101.	1.7	78
104	A Radicicol Derivative, KF58333, Inhibits Expression of Hypoxia-inducible Factor-1Î± and Vascular Endothelial Growth Factor, Angiogenesis and Growth of Human Breast Cancer Xenografts. Japanese Journal of Cancer Research, 2001, 92, 1342-1351.	1.7	59
105	Establishment of CD7+ Human Myeloma Sister Cell Lines, KMS-21-PE and KMS-21-BM, Carrying t(11;14) and t(8;14). Leukemia and Lymphoma, 2001, 42, 761-774.	1.3	9
106	Expression andIn VitroModification of Parathyroid Hormone-Related Protein (PTHrP) and PTH/PTHrP-Receptor in Human Myeloma Cells. Leukemia and Lymphoma, 2001, 41, 397-409.	1.3	22
107	Genetic and biological characterization of human myeloma cell lines: An overwiew of the lines established at Kawasaki Medical School. Gene Function & Disease, 2000, 1, 48-56.	0.3	11
108	Reduced Expression of the Inhibitory Genes for Fasâ€Mediated Apoptosis in Silicosis Patients. Journal of Occupational Health, 2000, 42, 163-168.	2.1	14

#	Article	IF	Citations
109	Expression of Vascular Endothelial Growth Factor (VEGF) Family Members in Breast Cancer. Japanese Journal of Cancer Research, 1999, 90, 977-981.	1.7	149
110	A Novel Chromosomal Translocation t(4; 14)(p16.3; q32) in Multiple Myeloma Involves the Fibroblast Growth-Factor Receptor 3 Gene. Blood, 1997, 90, 4062-4070.	1.4	201
111	Immunostimulation by Silica Particles and the Development of Autoimmune Dysregulation. , 0, , .		3
112	A New Method to Determine Natural Killer Cell Activity Without Target Cells. , 0, , .		0
113	Autoantibodies in Silicosis Patients: Silica-Induced Dysregulation of Autoimmunity. , 0, , .		0
114	Biological Effects of Negatively Charged Particle-Dominant Indoor Air Conditions. , 0, , .		0