

Setsuya Aiba

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

61
papers

1,265
citations

18
h-index

35
g-index

61
ext. papers

1,451
ext. citations

3.4
avg, IF

4.27
L-index

#	Paper	IF	Citations
61	Dendritic cells differently respond to haptens and irritants by their production of cytokines and expression of co-stimulatory molecules. <i>European Journal of Immunology</i> , 1997 , 27, 3031-8	6.1	216
60	p38 Mitogen-activated protein kinase and extracellular signal-regulated kinases play distinct roles in the activation of dendritic cells by two representative haptens, NiCl ₂ and 2,4-dinitrochlorobenzene. <i>Journal of Investigative Dermatology</i> , 2003 , 120, 390-9	4.3	127
59	Alarmin function of cathelicidin antimicrobial peptide LL37 through IL-36 induction in human epidermal keratinocytes. <i>Journal of Immunology</i> , 2014 , 193, 5140-8	5.3	99
58	Redox imbalance induced by contact sensitizers triggers the maturation of dendritic cells. <i>Journal of Investigative Dermatology</i> , 2005 , 124, 579-86	4.3	89
57	Tumor-Associated Macrophages: Therapeutic Targets for Skin Cancer. <i>Frontiers in Oncology</i> , 2018 , 8, 3	5.3	73
56	An in vitro test to screen skin sensitizers using a stable THP-1-derived IL-8 reporter cell line, THP-G8. <i>Toxicological Sciences</i> , 2011 , 124, 359-69	4.4	57
55	The possible interaction between periostin expressed by cancer stroma and tumor-associated macrophages in developing mycosis fungoides. <i>Experimental Dermatology</i> , 2016 , 25, 107-12	4	54
54	Skin sensitization risk assessment model using artificial neural network analysis of data from multiple in vitro assays. <i>Toxicology in Vitro</i> , 2014 , 28, 626-39	3.6	45
53	Dual oxidase 1 induced by Th2 cytokines promotes STAT6 phosphorylation via oxidative inactivation of protein tyrosine phosphatase 1B in human epidermal keratinocytes. <i>Journal of Immunology</i> , 2011 , 186, 4762-70	5.3	41
52	HLA-DRB1*04:05 in two cases of Vogt-Koyanagi-Harada disease-like uveitis developing from an advanced melanoma patient treated by sequential administration of nivolumab and dabrafenib/trametinib therapy. <i>Journal of Dermatology</i> , 2018 , 45, 735-737	1.6	38
51	Tumor-associated macrophages in skin: How to treat their heterogeneity and plasticity. <i>Journal of Dermatological Science</i> , 2016 , 83, 167-73	4.3	38
50	Optimization of the IL-8 Luc assay as an in vitro test for skin sensitization. <i>Toxicology in Vitro</i> , 2015 , 29, 1816-30	3.6	37
49	Nonmetal haptens induce ATP release from keratinocytes through opening of pannexin hemichannels by reactive oxygen species. <i>Journal of Investigative Dermatology</i> , 2014 , 134, 1951-1960	4.3	27
48	Functional expression of heme oxygenase-1 in human differentiated epidermis and its regulation by cytokines. <i>Journal of Investigative Dermatology</i> , 2009 , 129, 2594-603	4.3	26
47	In vivo imaging demonstrates ATP release from murine keratinocytes and its involvement in cutaneous inflammation after tape stripping. <i>Journal of Investigative Dermatology</i> , 2013 , 133, 2407-2415	4.3	19
46	Bach1-dependent and -independent regulation of heme oxygenase-1 in keratinocytes. <i>Journal of Biological Chemistry</i> , 2010 , 285, 23581-9	5.4	19
45	Glucuronides of phytoestrogen flavonoid enhance macrophage function via conversion to aglycones by β-glucuronidase in macrophages. <i>Immunity, Inflammation and Disease</i> , 2017 , 5, 265-279	2.4	18

44	Nickel differentially regulates NFAT and NF- κ B activation in T cell signaling. <i>Toxicology and Applied Pharmacology</i> , 2011 , 254, 245-55	4.6	18
43	Decreased pulmonary function in school children in Western Japan after exposures to Asian desert dusts and its association with interleukin-8. <i>BioMed Research International</i> , 2015 , 2015, 583293	3	17
42	Toll-like receptors 2 and 3 enhance melanogenesis and melanosome transport in human melanocytes. <i>Pigment Cell and Melanoma Research</i> , 2018 , 31, 570-584	4.5	16
41	Significance of BRAF Kinase Inhibitors for Melanoma Treatment: From Bench to Bedside. <i>Cancers</i> , 2019 , 11,	6.6	15
40	Pharmacokinetic Study of Bioactive Flavonoids in the Traditional Japanese Medicine Keigairengyoto Exerting Antibacterial Effects against Staphylococcus aureus. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	13
39	Evaluation of the Multi-ImmunoTox Assay composed of 3 human cytokine reporter cells by examining immunological effects of drugs. <i>Toxicology in Vitro</i> , 2014 , 28, 759-68	3.6	13
38	Gene expression profiling defines the role of ATP-exposed keratinocytes in skin inflammation. <i>Journal of Dermatological Science</i> , 2010 , 58, 143-51	4.3	13
37	Thermolysin improves mutation analysis in skin epidermis from ultraviolet light-irradiated Muta Mouse. <i>Environmental and Molecular Mutagenesis</i> , 2001 , 38, 55-8	3.2	13
36	BRAF kinase inhibitors for treatment of melanoma: developments from early-stage animal studies to Phase II clinical trials. <i>Expert Opinion on Investigational Drugs</i> , 2019 , 28, 143-148	5.9	12
35	Inhibition of Human Kallikrein 5 Protease by Triterpenoids from Natural Sources. <i>Molecules</i> , 2017 , 22,	4.8	11
34	Keratoacanthoma, palmoplantar keratoderma developing in an advanced melanoma patient treated with vemurafenib regressed by blockade of mitogen-activated protein kinase kinase signaling. <i>Journal of Dermatology</i> , 2017 , 44, e226-e227	1.6	10
33	First-in-human clinical study of novel technique to diagnose malignant melanoma via thermal conductivity measurements. <i>Scientific Reports</i> , 2019 , 9, 3853	4.9	9
32	Profiling the immunotoxicity of chemicals based on in vitro evaluation by a combination of the Multi-ImmunoTox assay and the IL-8 Luc assay. <i>Archives of Toxicology</i> , 2018 , 92, 2043-2054	5.8	8
31	Suppression of Propionibacterium acnes-Induced Dermatitis by a Traditional Japanese Medicine, Jumihaidokuto, Modifying Macrophage Functions. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015 , 2015, 439258	2.3	8
30	TLR3 stimulation induces melanosome endo/phagocytosis through RHOA and CDC42 in human epidermal keratinocyte. <i>Journal of Dermatological Science</i> , 2019 , 96, 168-177	4.3	7
29	The performance of an in vitro skin sensitisation test, IL-8 Luc assay (OECD442E), and the integrated approach with direct peptide reactive assay (DPRA). <i>Journal of Toxicological Sciences</i> , 2018 , 43, 741-749	1.9	6
28	Severe rhabdomyolysis developing in an advanced melanoma patient treated by pembrolizumab followed by dabrafenib trametinib combined therapy. <i>Journal of Dermatology</i> , 2019 , 46, e256-e258	1.6	5
27	Metabolic and pathologic profiles of human LSS deficiency recapitulated in mice. <i>PLoS Genetics</i> , 2020 , 16, e1008628	6	5

26	A novel technique to diagnose non-melanoma skin cancer by thermal conductivity measurements: Correlations with cancer stromal factors. <i>Experimental Dermatology</i> , 2019 , 28, 1029-1035	4	5
25	Epidermal iron metabolism for iron salvage. <i>Journal of Dermatological Science</i> , 2017 , 87, 101-109	4.3	5
24	Variation in the Effect of Particulate Matter on Pulmonary Function in Schoolchildren in Western Japan and Its Relation with Interleukin-8. <i>International Journal of Environmental Research and Public Health</i> , 2015 , 12, 14229-43	4.6	5
23	Severe pyrexia from nivolumab-resistant advanced melanoma after successful combined therapy with encorafenib plus binimetinib. <i>Journal of Dermatology</i> , 2020 , 47, 654-657	1.6	4
22	An international validation study of the IL-2 Luc assay for evaluating the potential immunotoxic effects of chemicals on T cells and a proposal for reference data for immunotoxic chemicals. <i>Toxicology in Vitro</i> , 2020 , 66, 104832	3.6	3
21	Cutaneous metastasis of invasive lobular carcinoma of the breast. <i>Journal of Dermatology</i> , 1987 , 14, 270-36		3
20	TLR3 augments glucocorticoid-synthetic enzymes expression in epidermal keratinocytes; Implications of glucocorticoid metabolism in rosacea epidermis. <i>Journal of Dermatological Science</i> , 2020 , 100, 58-66	4.3	3
19	The modified IL-8 Luc assay, an in vitro skin sensitisation test, can significantly improve the false-negative judgment of lipophilic sensitizers with logK values > 3.5. <i>Archives of Toxicology</i> , 2021 , 95, 749-758	5.8	3
18	In vitro test methods to evaluate the effects of chemicals on innate and adaptive immune responses. <i>Current Opinion in Toxicology</i> , 2017 , 5, 6-12	4.4	2
17	Miniaturization of Micro Implantable Devices With Thermosensitive Ferrite for Soft-Heating Hyperthermia. <i>IEEE Transactions on Magnetics</i> , 2007 , 43, 2454-2456	2	2
16	Keigairengyoto, a traditional Japanese medicine, promotes bacterial clearance by activating innate immune cells in mouse cutaneous infection models 2017 , 1, 35		2
15	Eruptive xanthomas in a patient with soft-drink diabetic ketosis and apolipoprotein E4/2. <i>Endocrine Journal</i> , 2019 , 66, 107-114	2.9	2
14	Case series of BRAF-mutated advanced melanoma treated with encorafenib plus binimetinib combination therapy. <i>Journal of Dermatology</i> , 2021 , 48, 397-400	1.6	2
13	GWAS Identified IL4R and the Major Histocompatibility Complex Region as the Associated Loci of Total Serum IgE Levels in 9,260 Japanese Individuals. <i>Journal of Investigative Dermatology</i> , 2021 , 141, 2749-2752	4.3	1
12	Optimization of the IL-2 Luc assay for immunosuppressive drugs: a novel in vitro immunotoxicity test with high sensitivity and predictivity. <i>Archives of Toxicology</i> , 2021 , 95, 2755-2768	5.8	1
11	Successful treatment of BRAF/MEK inhibitor-resistant advanced cutaneous melanoma with nivolumab plus ipilimumab combination therapy followed by intensity-modulated radiotherapy. <i>Journal of Dermatology</i> , 2021 , 48, 1419-1422	1.6	0
10	Development of a novel in vitro assay to evaluate environmental water using an IL-8 reporter cell line. <i>EXCLI Journal</i> , 2020 , 19, 1054-1063	2.4	
9	Numerical Simulation of Effects of Bioheat Transfer Characteristics of Malignant Melanoma on Thermal Conductivity Measurements. <i>Critical Reviews in Biomedical Engineering</i> , 2020 , 48, 95-109	1.1	

- 8 The IL-1 β promoter-driven luciferase reporter cell line THP-G1b can efficiently predict skin-sensitising chemicals. *Archives of Toxicology*, **2021**, 95, 1647-1657 5.8
- 7 Ehlers-Danlos syndrome type IV with a novel COL3A1 exon 14 skipping variation confirmed by Tohoku Medical Megabank Organization genomic database. *Journal of Dermatology*, **2021**, 48, 1918-1922^{1,6}
- 6 Metabolic and pathologic profiles of human LSS deficiency recapitulated in mice **2020**, 16, e1008628
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- 3 Metabolic and pathologic profiles of human LSS deficiency recapitulated in mice **2020**, 16, e1008628
- 2 Metabolic and pathologic profiles of human LSS deficiency recapitulated in mice **2020**, 16, e1008628
- 1 Metabolic and pathologic profiles of human LSS deficiency recapitulated in mice **2020**, 16, e1008628