

Setsuya Aiba

List of Publications by Year in descending order

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61
papers

1,610
citations

393982

19
h-index

301761

39
g-index

61
all docs

61
docs citations

61
times ranked

2031
citing authors

#	ARTICLE	IF	CITATIONS
1	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, 3031-3038.	1.6	234
2	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, 390-399.	0.3	144
3	Alarmin Function of Cathelicidin Antimicrobial Peptide LL37 through IL-36 ^{Î³} Induction in Human Epidermal Keratinocytes. <i>Journal of Immunology</i> , 2014, 193, 5140-5148.	0.4	126
4	Tumor-Associated Macrophages: Therapeutic Targets for Skin Cancer. <i>Frontiers in Oncology</i> , 2018, 8, 3.	1.3	104
5	Redox Imbalance Induced by Contact Sensitizers Triggers the Maturation of Dendritic Cells. <i>Journal of Investigative Dermatology</i> , 2005, 124, 579-586.	0.3	100
6	An In Vitro Test to Screen Skin Sensitizers Using a Stable THP-1 ^{Î±} -Derived IL-8 Reporter Cell Line, THP-G8. <i>Toxicological Sciences</i> , 2011, 124, 359-369.	1.4	70
7	<sc>HLA</sc>â€‹<sc>DRB</sc>1*04:05 in two cases of Vogtâ€‹Koyanagiâ€‹Harada diseaseâ€‹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.	0.6	63
8	The possible interaction between periostin expressed by cancer stroma and tumorâ€‹associated macrophages in developing mycosis fungoides. <i>Experimental Dermatology</i> , 2016, 25, 107-112.	1.4	62
9	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, 4762-4770.	0.4	49
10	Tumor-associated macrophages in skin: How to treat their heterogeneity and plasticity. <i>Journal of Dermatological Science</i> , 2016, 83, 167-173.	1.0	48
11	Skin sensitization risk assessment model using artificial neural network analysis of data from multiple in vitro assays. <i>Toxicology in Vitro</i> , 2014, 28, 626-639.	1.1	47
12	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.	0.3	39
13	Optimization of the IL-8 Luc assay as an in vitro test for skin sensitization. <i>Toxicology in Vitro</i> , 2015, 29, 1816-1830.	1.1	39
14	Functional Expression of Heme Oxygenase-1 in Human Differentiated Epidermis and Its Regulation by Cytokines. <i>Journal of Investigative Dermatology</i> , 2009, 129, 2594-2603.	0.3	34
15	Glucuronides of phytoestrogen flavonoid enhance macrophage function via conversion to aglycones by Î²â€‹glucuronidase in macrophages. <i>Immunity, Inflammation and Disease</i> , 2017, 5, 265-279.	1.3	29
16	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.	0.3	24
17	Tollâ€‹like receptors 2 and 3 enhance melanogenesis and melanosome transport in human melanocytes. <i>Pigment Cell and Melanoma Research</i> , 2018, 31, 570-584.	1.5	24
18	Pharmacokinetic Study of Bioactive Flavonoids in the Traditional Japanese Medicine Keigairengyoto Exerting Antibacterial Effects against <i>Staphylococcus aureus</i> . <i>International Journal of Molecular Sciences</i> , 2018, 19, 328.	1.8	22

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19	Significance of BRAF Kinase Inhibitors for Melanoma Treatment: From Bench to Bedside. <i>Cancers</i> , 2019, 11, 1342.	1.7	22
20	Nickel differentially regulates NFAT and NF- κ B activation in T cell signaling. <i>Toxicology and Applied Pharmacology</i> , 2011, 254, 245-255.	1.3	21
21	Metabolic and pathologic profiles of human LSS deficiency recapitulated in mice. <i>PLoS Genetics</i> , 2020, 16, e1008628.	1.5	21
22	Bach1-dependent and -independent Regulation of Heme Oxygenase-1 in Keratinocytes. <i>Journal of Biological Chemistry</i> , 2010, 285, 23581-23589.	1.6	20
23	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, 1-11.	0.9	20
24	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, 759-768.	1.1	19
25	First-in-human clinical study of novel technique to diagnose malignant melanoma via thermal conductivity measurements. <i>Scientific Reports</i> , 2019, 9, 3853.	1.6	18
26	Gene expression profiling defines the role of ATP-exposed keratinocytes in skin inflammation. <i>Journal of Dermatological Science</i> , 2010, 58, 143-151.	1.0	16
27	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.	1.9	16
28	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.	1.9	15
29	TLR3 stimulation induces melanosome endo/phagocytosis through RHOA and CDC42 in human epidermal keratinocyte. <i>Journal of Dermatological Science</i> , 2019, 96, 168-177.	1.0	15
30	Thermolysin improves mutation analysis in skin epidermis from ultraviolet light-irradiated Muta? Mouse. <i>Environmental and Molecular Mutagenesis</i> , 2001, 38, 55-58.	0.9	14
31	Inhibition of Human Kallikrein 5 Protease by Triterpenoids from Natural Sources. <i>Molecules</i> , 2017, 22, 1829.	1.7	14
32	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.	1.4	13
33	Keratoacanthoma, palmoplantar keratoderma developing in an advanced melanoma patient treated with vemurafenib regressed by blockade of mitogen-activated protein kinase signaling. <i>Journal of Dermatology</i> , 2017, 44, e226-e227.	0.6	11
34	Epidermal iron metabolism for iron salvage. <i>Journal of Dermatological Science</i> , 2017, 87, 101-109.	1.0	11
35	Suppression of <i>Propionibacterium acnes</i> -Induced Dermatitis by a Traditional Japanese Medicine, Jumihaidokuto, Modifying Macrophage Functions. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-10.	0.5	10
36	The performance of an <i>in vitro</i> 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.	0.7	9

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37	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.	1.1	8
38	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.	0.6	7
39	Case series of <i>BRAF</i>-mutated advanced melanoma treated with encorafenib plus binimetinib combination therapy. <i>Journal of Dermatology</i> , 2021, 48, 397-400.	0.6	7
40	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, 14229-14243.	1.2	5
41	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.	1.0	5
42	Severe pyrexia from nivolumab-resistant advanced melanoma after successful combined therapy with encorafenib plus binimetinib. <i>Journal of Dermatology</i> , 2020, 47, 654-657.	0.6	5
43	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.	1.9	5
44	The modified IL-8 Luc assay, an in vitro skin sensitisation test, can significantly improve the false-negative judgment of lipophilic sensitizers with logKow values >3.5. <i>Archives of Toxicology</i> , 2021, 95, 749-758.	1.9	4
45	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.	0.3	4
46	Cutaneous Metastasis of Invasive Lobular Carcinoma of the Breast. <i>Journal of Dermatology</i> , 1987, 14, 270-273.	0.6	3
47	The IL-1 promoter-driven luciferase reporter cell line THP-G1b can efficiently predict skin-sensitising chemicals. <i>Archives of Toxicology</i> , 2021, 95, 1647-1657.	1.9	3
48	Keigairengyoto, a traditional Japanese medicine, promotes bacterial clearance by activating innate immune cells in mouse cutaneous infection models. <i>Trends in Immunotherapy</i> , 2017, 1, 35.	0.2	3
49	Miniaturization of Micro Implantable Devices With Thermosensitive Ferrite for Soft-Heating Hyperthermia. <i>IEEE Transactions on Magnetics</i> , 2007, 43, 2454-2456.	1.2	2
50	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.	2.6	2
51	Eruptive xanthomas in a patient with soft-drink diabetic ketosis and apolipoprotein E4/2. <i>Endocrine Journal</i> , 2019, 66, 107-114.	0.7	2
52	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.	0.6	2
53	Ehlers-Danlos syndrome type IV with a novel COL3A1 exon 14 skipping variation confirmed by Tohoku Medical Megabank Organization genomic database. <i>Journal of Dermatology</i> , 2021, 48, 1918-1922.	0.6	0
54	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.	0.5	0

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55	Development of a novel in vitro assay to evaluate environmental water using an IL-8 reporter cell line. EXCLI Journal, 2020, 19, 1054-1063.	0.5	0
56	Metabolic and pathologic profiles of human LSS deficiency recapitulated in mice. , 2020, 16, e1008628.		0
57	Metabolic and pathologic profiles of human LSS deficiency recapitulated in mice. , 2020, 16, e1008628.		0
58	Metabolic and pathologic profiles of human LSS deficiency recapitulated in mice. , 2020, 16, e1008628.		0
59	Metabolic and pathologic profiles of human LSS deficiency recapitulated in mice. , 2020, 16, e1008628.		0
60	Metabolic and pathologic profiles of human LSS deficiency recapitulated in mice. , 2020, 16, e1008628.		0
61	Metabolic and pathologic profiles of human LSS deficiency recapitulated in mice. , 2020, 16, e1008628.		0