

Masashi Nakatani

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

1,038
citations

933447

10
h-index

610901

24
g-index

48
all docs

48
docs citations

48
times ranked

1249
citing authors

#	ARTICLE	IF	CITATIONS
1	Cultural Differences in Mentally Evoked Haptic Exploratory Procedures between Asia, Europe, and North America. , 2022, , .		2
2	Dark, loud, and compact sounds induce frisson. Quarterly Journal of Experimental Psychology, 2021, 74, 1140-1152.	1.1	6
3	Sensory words may facilitate certain haptic exploratory procedures in facial cosmetics. International Journal of Cosmetic Science, 2021, 43, 78-87.	2.6	7
4	Temporal coherency of mechanical stimuli modulates tactile form perception. Scientific Reports, 2021, 11, 11737.	3.3	1
5	Comprehensive analysis of elemental distribution in human skin using laser ablation inductively coupled plasma mass spectrometry. Skin Research and Technology, 2020, 27, 576-581.	1.6	2
6	Proximal Binaural Sound Can Induce Subjective Frisson. Frontiers in Psychology, 2020, 11, 316.	2.1	6
7	Dynamics and Perception in the Thermal Grill Illusion. IEEE Transactions on Haptics, 2019, 12, 604-614.	2.7	10
8	The Thermal Feedback Influencer: Wearable Thermal Display for Enhancing the Experience of Music Listening. Lecture Notes in Electrical Engineering, 2019, , 162-168.	0.4	0
9	Too hot, too fast! Using the thermal grill illusion to explore dynamic thermal perception. , 2018, , .		2
10	A Novel Multimodal Tactile Module that Can Provide Vibro-Thermal Feedback. Lecture Notes in Electrical Engineering, 2018, , 437-443.	0.4	12
11	Nene. , 2017, , .		5
12	Smart glasses with a peripheral vision display. , 2016, , .		8
13	Distinctive molecular responses to ultraviolet radiation between keratinocytes and melanocytes. Experimental Dermatology, 2016, 25, 708-713.	2.9	19
14	Wearable haptic augmentation system using skin vibration sensor. , 2016, , .		15
15	Extra-normal interactions in mediated virtual environments: An investigation of an audio-visual crossed-sense modality. , 2016, , .		3
16	Personalized record of the city wander with a wearable device. , 2016, , .		3
17	TECHTILE Workshop for Creating Haptic Content. , 2016, , 185-200.		4
18	Twech. , 2015, , .		5

#	ARTICLE	IF	CITATIONS
19	<i>Twech</i> , 2015, , .		0
20	Mechanotransduction in epidermal Merkel cells. <i>Pflugers Archiv European Journal of Physiology</i> , 2015, 467, 101-108.	2.8	49
21	Frontiers in epidermal barrier homeostasis – an approach to mathematical modelling of epidermal calcium dynamics. <i>Experimental Dermatology</i> , 2014, 23, 79-82.	2.9	9
22	Epidermal Merkel cells are mechanosensory cells that tune mammalian touch receptors. <i>Nature</i> , 2014, 509, 617-621.	27.8	447
23	Coculture system of keratinocytes and dorsal root ganglion-derived cells for screening neurotrophic factors involved in guidance of neuronal axon growth in the skin. <i>Experimental Dermatology</i> , 2014, 23, 58-60.	2.9	18
24	Softness sensor system for simultaneously measuring the mechanical properties of superficial skin layer and whole skin. <i>Skin Research and Technology</i> , 2013, 19, e332-8.	1.6	12
25	External negative electric potential accelerates exocytosis of lamellar bodies in human skin <i>in vivo</i> . <i>Experimental Dermatology</i> , 2013, 22, 421-423.	2.9	9
26	Relationship between perceived softness of bilayered skin models and their mechanical properties measured with a dual sensor probe. <i>International Journal of Cosmetic Science</i> , 2013, 35, 84-88.	2.6	12
27	Distinct intracellular calcium responses of individual cultured human keratinocytes to air pressure changes. <i>Skin Research and Technology</i> , 2013, 19, 346-351.	1.6	10
28	TECHTILE toolkit. , 2012, , .		37
29	TECHTILE toolkit. , 2012, , .		75
30	<i>In vitro</i> formation of organized structure between keratinocytes and dorsal root ganglion cells. <i>Experimental Dermatology</i> , 2012, 21, 886-888.	2.9	5
31	Wearable contact force sensor system based on fingerpad deformation. , 2011, , .		35
32	Sex difference in human fingertip recognition of micron-level randomness as unpleasant. <i>International Journal of Cosmetic Science</i> , 2011, 33, 346-350.	2.6	10
33	Surface texture can bias tactile form perception. <i>Experimental Brain Research</i> , 2011, 208, 151-156.	1.5	4
34	Acceleration of permeability barrier recovery by exposure of skin to 10-30 kHz sound. <i>British Journal of Dermatology</i> , 2010, 162, 503-507.	1.5	15
35	Haptic localizations for onset and offset of vibro-tactile stimuli are dissociated. <i>Experimental Brain Research</i> , 2009, 193, 483-489.	1.5	15
36	Tactile Illusion Caused by Tangential Skin Strain and Analysis in Terms of Skin Deformation. <i>Lecture Notes in Computer Science</i> , 2008, , 229-237.	1.3	7

#	ARTICLE	IF	CITATIONS
37	Vibration Enhances Geometry Perception with Tactile Shape Displays. , 2007, , .		6
38	Epidermal keratinocytes as the forefront of the sensory system. Experimental Dermatology, 2007, 16, 157-161.	2.9	128
39	Recreating tactile stimulus for graphic image. , 2006, , .		0
40	Novel tactile contour presentation. , 2006, , .		1
41	Embossed touch display. , 2006, , .		2
42	Pop Up!: 3D Form Display with Coil-type Shape Memory Alloy. Kyokai Joho Imeji Zasshi/Journal of the Institute of Image Information and Television Engineers, 2006, 60, 183-191.	0.1	2
43	Tactile sensation with high-density pin-matrix. , 2005, , .		10
44	Pop Up!. , 2004, , .		9