

Takeo Minematsu

List of Publications by Year in descending order

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Version: 2024-02-01

105
papers

1,360
citations

331670

21
h-index

477307

29
g-index

106
all docs

106
docs citations

106
times ranked

1541
citing authors

#	ARTICLE	IF	CITATIONS
1	The dual origin of the peripheral olfactory system: placode and neural crest. <i>Molecular Brain</i> , 2011, 4, 34.	2.6	83
2	Exploring the prevalence of skin tears and skin properties related to skin tears in elderly patients at a long-term medical facility in Japan. <i>International Wound Journal</i> , 2016, 13, 189-197.	2.9	65
3	Temporal muscle thickness as a new indicator of nutritional status in older individuals. <i>Geriatrics and Gerontology International</i> , 2019, 19, 135-140.	1.5	46
4	The Pituitary Function of Androgen Receptor Constitutes a Glucocorticoid Production Circuit. <i>Molecular and Cellular Biology</i> , 2007, 27, 4807-4814.	2.3	43
5	PTTG Overexpression Is Correlated with Angiogenesis in Human Pituitary Adenomas. <i>Endocrine Pathology</i> , 2006, 17, 143-154.	9.0	41
6	Skin fragility in obese diabetic mice: possible involvement of elevated oxidative stress and upregulation of matrix metalloproteinases. <i>Experimental Dermatology</i> , 2012, 21, 178-183.	2.9	41
7	Histopathology of Incontinence-Associated Skin Lesions: Inner Tissue Damage Due to Invasion of Proteolytic Enzymes and Bacteria in Macerated Rat Skin. <i>PLoS ONE</i> , 2015, 10, e0138117.	2.5	39
8	Ageing enhances maceration-induced ultrastructural alteration of the epidermis and impairment of skin barrier function. <i>Journal of Dermatological Science</i> , 2011, 62, 160-168.	1.9	33
9	Effectiveness of biofilm-based wound care system on wound healing in chronic wounds. <i>Wound Repair and Regeneration</i> , 2019, 27, 540-547.	3.0	32
10	Ageing-like skin changes in metabolic syndrome model mice are mediated by mineralocorticoid receptor signaling. <i>Aging Cell</i> , 2013, 12, 50-57.	6.7	29
11	Wound blotting: A convenient biochemical assessment tool for protein components in exudate of chronic wounds. <i>Wound Repair and Regeneration</i> , 2013, 21, 329-334.	3.0	29
12	Biofilm detection by wound blotting can predict slough development in pressure ulcers: A prospective observational study. <i>Wound Repair and Regeneration</i> , 2017, 25, 131-138.	3.0	28
13	Glucose transporter-1 expression in the thyroid gland: Clinicopathological significance for papillary carcinoma. <i>Oncology Reports</i> , 2005, 14, 1499-504.	2.6	27
14	Physiological and appearance characteristics of skin maceration in elderly women with incontinence. <i>Journal of Wound Care</i> , 2014, 23, 18-30.	1.2	26
15	Rapid detection of biofilm by wound blotting following sharp debridement of chronic pressure ulcers predicts wound healing: A preliminary study. <i>International Wound Journal</i> , 2020, 17, 191-196.	2.9	25
16	Do nutritional markers in wound fluid reflect pressure ulcer status?. <i>Wound Repair and Regeneration</i> , 2010, 18, 31-37.	3.0	24
17	Novel models for bacterial colonization and infection of full-thickness wounds in rats. <i>Wound Repair and Regeneration</i> , 2012, 20, 601-610.	3.0	24
18	Ageing-Like Skin Changes Induced by Ultraviolet Irradiation in an Animal Model of Metabolic Syndrome. <i>Biological Research for Nursing</i> , 2012, 14, 180-187.	1.9	23

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19	Impaired Aquaporin 3 Expression in Reepithelialization of Cutaneous Wound Healing in the Diabetic Rat. <i>Biological Research for Nursing</i> , 2013, 15, 347-355.	1.9	23
20	Skin Blotting. <i>Advances in Skin and Wound Care</i> , 2014, 27, 272-279.	1.0	23
21	A New Method for Isolating Viable Gonadal Germ Cells from 7-day-old Chick Embryos. <i>Journal of Poultry Science</i> , 2011, 48, 106-111.	1.6	21
22	Vibration inhibits deterioration in rat deep tissue injury through HIF-1 α MMP axis. <i>Wound Repair and Regeneration</i> , 2015, 23, 386-393.	3.0	21
23	Testicular and ovarian gonocytes from 20-day incubated chicken embryos contribute to germline lineage after transfer into bloodstream of recipient embryos. <i>Reproduction</i> , 2007, 134, 577-584.	2.6	19
24	Pituitary Changes in Prop1 Transgenic Mice: Hormone Producing Tumors and Signet-ring Type Gonadotropes. <i>Acta Histochemica Et Cytochemica</i> , 2008, 41, 47-57.	1.6	19
25	The Migratory Ability of Gonadal Germ Cells in the Domestic Chicken. <i>Journal of Poultry Science</i> , 2004, 41, 178-185.	1.6	18
26	Production of germ-line chimeras by the transfer of cryopreserved gonadal germ cells collected from 7- and 9-day-old chick embryos. <i>Animal Science Journal</i> , 2004, 75, 85-88.	1.4	18
27	Compression-induced HIF-1 enhances thrombosis and PAI-1 expression in mouse skin. <i>Wound Repair and Regeneration</i> , 2015, 23, 657-663.	3.0	18
28	Hydrocellular Foam Dressing Promotes Wound Healing along with Increases in Hyaluronan Synthase 3 and PPAR γ Gene Expression in Epidermis. <i>PLoS ONE</i> , 2013, 8, e73988.	2.5	18
29	Novel biomarkers for the detection of wound infection by wound fluid RT-PCR in rats. <i>Experimental Dermatology</i> , 2012, 21, 118-122.	2.9	16
30	Recent Progress in Studies of Pituitary Tumor Pathogenesis. <i>Endocrine</i> , 2005, 28, 037-042.	2.2	15
31	Case of uterine cervical carcinosarcoma. <i>Journal of Obstetrics and Gynaecology Research</i> , 2005, 31, 404-408.	1.3	15
32	Association Between Components of Exudates and Periwound Moisture-Associated Dermatitis in Breast Cancer Patients With Malignant Fungating Wounds. <i>Biological Research for Nursing</i> , 2016, 18, 199-206.	1.9	15
33	ACTH and β -Subunit are Co-expressed in Rare Human Pituitary Corticotroph Cell Adenomas Proposed to Originate from ACTH-Committed Early Pituitary Progenitor Cells. <i>Endocrine Pathology</i> , 2008, 19, 17-26.	9.0	14
34	The <i>Pseudomonas aeruginosa</i> quorum-sensing signal N-(3-oxododecanoyl) homoserine lactone can accelerate cutaneous wound healing through myofibroblast differentiation in rats. <i>FEMS Immunology and Medical Microbiology</i> , 2011, 62, 157-163.	2.7	14
35	The <i>Pseudomonas aeruginosa</i> quorum sensing signal molecule N-(3-oxododecanoyl) homoserine lactone enhances keratinocyte migration and induces Mmp13 gene expression in vitro. <i>Biochemical and Biophysical Research Communications</i> , 2012, 427, 273-279.	2.1	14
36	Non-invasive detection of local tissue responses to predict pressure ulcer development in mouse models. <i>Journal of Tissue Viability</i> , 2020, 29, 51-57.	2.0	14

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37	Expression of Proliferation Markers in Human Pituitary Incidentalomas. <i>Endocrine Pathology</i> , 2006, 17, 263-276.	9.0	13
38	Structural changes in dermal collagen and oxidative stress levels in the skin of Japanese overweight males. <i>International Journal of Cosmetic Science</i> , 2014, 36, 477-484.	2.6	13
39	Hydrocellular foam dressings promote wound healing associated with decrease in inflammation in rat periwound skin and granulation tissue, compared with hydrocolloid dressings. <i>Bioscience, Biotechnology and Biochemistry</i> , 2015, 79, 185-189.	1.3	13
40	Granulogenesis in Non-neuroendocrine COS-7 Cells Induced by EGFP-tagged Chromogranin A Gene Transfection: Identical and Distinct Distribution of CgA and EGFP. <i>Journal of Histochemistry and Cytochemistry</i> , 2007, 55, 487-493.	2.5	12
41	Intense Expression of GFP Gene in Gonads of Chicken Embryos by Transfecting Circulating Primordial Germ Cells <i>in vitro</i> and <i>in vivo</i> . <i>Journal of Poultry Science</i> , 2007, 44, 416-425.	1.6	12
42	PTTG is a Secretory Protein in Human Pituitary Adenomas and in Mouse Pituitary Tumor Cell Lines. <i>Endocrine Pathology</i> , 2007, 18, 8-15.	9.0	12
43	Altered Expression of Matrix Metalloproteinases and Their Tissue Inhibitors in Matured Rat Adipocytes <i>In Vitro</i> . <i>Biological Research for Nursing</i> , 2012, 14, 242-249.	1.9	12
44	Migratory Ability of Chick Primordial Germ Cells Transferred into Quail Embryos. <i>Journal of Reproduction and Development</i> , 2009, 55, 183-186.	1.4	12
45	Germ cell-specific expression of GFP gene induced by chicken <i>vasa</i> homologue (<i>Cvh</i>) promoter in early chicken embryos. <i>Molecular Reproduction and Development</i> , 2008, 75, 1515-1522.	2.0	11
46	Establishment of a novel rat model for deep tissue injury deterioration. <i>International Wound Journal</i> , 2015, 12, 202-209.	2.9	11
47	Prediction of healing in Category I pressure ulcers by skin blotting with plasminogen activator inhibitor 1, interleukin-1 \pm , vascular endothelial growth factor C, and heat shock protein 90 \pm : A pilot study. <i>Journal of Tissue Viability</i> , 2019, 28, 87-93.	2.0	11
48	Development of recurrent pressure ulcers, risk factors in older patients: a prospective observational study. <i>Journal of Wound Care</i> , 2020, 29, S14-S24.	1.2	11
49	Attempt to produce nuclear transferred primordial germ cells using electrofusion in domestic chicken. <i>Animal Science Journal</i> , 2004, 75, 271-274.	1.4	10
50	Factors associated with deep foot fissures in diabetic patients: A cross-sectional observational study. <i>International Journal of Nursing Studies</i> , 2012, 49, 739-746.	5.6	10
51	Biological Responses of Three-Dimensional Cultured Fibroblasts by Sustained Compressive Loading Include Apoptosis and Survival Activity. <i>PLoS ONE</i> , 2014, 9, e104676.	2.5	10
52	Preferential Migration of Transferred Primordial Germ Cells to Left Germinal Ridge of Recipient Embryos in Chickens. <i>Journal of Poultry Science</i> , 2009, 46, 40-45.	1.6	10
53	Evaluation of nutritional status and skin condition among elderly residents in a long-term care hospital. <i>Journal of Nutrition, Health and Aging</i> , 2012, 16, 107-111.	3.3	9
54	Combination of urease inhibitor and antiseptic inhibits urea decomposition-induced ammonia production by <i>Proteus mirabilis</i> . <i>International Wound Journal</i> , 2020, 17, 1558-1565.	2.9	9

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55	A change in temporal muscle thickness is correlated with past energy adequacy in bedridden older adults: a prospective cohort study. <i>BMC Geriatrics</i> , 2021, 21, 182.	2.7	9
56	Candidate biomarkers for deep tissue damage from molecular biological and biochemical aspects. <i>Journal of Tissue Viability</i> , 2010, 19, 77-83.	2.0	8
57	Simplified DNA Extraction Methods for Sexing Chick Embryos. <i>Journal of Poultry Science</i> , 2004, 41, 147-154.	1.6	7
58	Hypo-osmotic Shock-Induced Subclinical Inflammation of Skin in a Rat Model of Disrupted Skin Barrier Function. <i>Biological Research for Nursing</i> , 2015, 17, 135-141.	1.9	7
59	Assessment of histopathology of wounds based on protein distribution detected by wound blotting. <i>SAGE Open Medicine</i> , 2018, 6, 205031211881222.	1.8	7
60	Influence of digestive enzymes on development of incontinence-associated dermatitis: Inner tissue damage and skin barrier impairment caused by lipolytic enzymes and proteases in rat macerated skin. <i>International Wound Journal</i> , 2018, 15, 623-632.	2.9	7
61	Effects of Ultraviolet Irradiation on the Migratory Ability of Primordial Germ Cells (PGCs) in the Domestic Chicken. <i>Journal of Poultry Science</i> , 2004, 41, 110-119.	1.6	7
62	HSL Attenuates the Follicular Oxidative Stress and Enhances the Hair Growth in ob/ob Mice. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2013, 1, e60.	0.6	6
63	<i>Pseudomonas aeruginosa</i> quorum-sensing signaling molecule N-3-oxododecanoyl homoserine lactone induces matrix metalloproteinase 9 expression via the AP1 pathway in rat fibroblasts. <i>Bioscience, Biotechnology and Biochemistry</i> , 2015, 79, 1719-1724.	1.3	6
64	Increased level of tumour necrosis factor- α (TNF- α) on the skin of Japanese obese males: measured by quantitative skin blotting. <i>International Journal of Cosmetic Science</i> , 2016, 38, 462-469.	2.6	6
65	Concurrent validity of biofilm detection by wound blotting on hard-to-heal wounds. <i>Journal of Wound Care</i> , 2021, 30, S4-S13.	1.2	6
66	Hypoxia is Involved in Deep Tissue Injury Formation in a Rat Model. <i>Wounds</i> , 2010, 22, 44-51.	2.4	6
67	Effect of soft X-ray irradiation on the migratory ability of primordial germ cells in chickens. <i>British Poultry Science</i> , 2007, 48, 121-126.	1.7	5
68	Allele-specific PCR typing and sequencing of the mitochondrial D-loop region in four layer breeds. <i>Animal Science Journal</i> , 2011, 82, 223-226.	1.4	5
69	Clustering and classification of local image of wound blotting for assessment of pressure ulcer. , 2014, , .		5
70	Telogen elongation in the hair cycle of ob/ob mice. <i>Bioscience, Biotechnology and Biochemistry</i> , 2016, 80, 74-79.	1.3	5
71	The relationship between skin ultrasound images and muscle damage using skin blotting in wheelchair basketball athletes. <i>Spinal Cord</i> , 2020, 58, 1022-1029.	1.9	5
72	Validity of skin blot examination for albumin and nerve growth factor β to detect itching of the skin in Indonesian older adults. <i>Journal of Tissue Viability</i> , 2021, 30, 42-50.	2.0	5

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73	Low-frequency vibration promotes AMPK-mediated glucose uptake in 3T3-L1 adipocytes. <i>Heliyon</i> , 2021, 7, e07897.	3.2	5
74	Development of an improved method for quantitative analysis of skin blotting: increasing reliability and applicability for skin assessment. <i>International Journal of Cosmetic Science</i> , 2015, 37, 425-432.	2.6	4
75	Comparison of ceramide retention in the stratum corneum between dry skin and normal skin using animal model with fluorescent imaging method. <i>Skin Research and Technology</i> , 2019, 25, 158-164.	1.6	4
76	Topical Administration of Acylated Homoserine Lactone Improves Epithelialization of Cutaneous Wounds in Hyperglycaemic Rats. <i>PLoS ONE</i> , 2016, 11, e0158647.	2.5	4
77	Visualization of Tumor Necrosis Factor- α Distributions Within Pressure Ulcer Tissue Using the Wound Blotting Method: A Case Report and Discussion. <i>Wounds</i> , 2014, 26, 323-9.	0.5	4
78	Histochemical Technologies for Genomics and Proteomics: Laser Capture Microdissection (LCM) and Tissue Microarray (TMA). <i>Acta Histochemica Et Cytochemica</i> , 2005, 38, 185-188.	1.6	3
79	Prediction of healing progress of pressure ulcers by distribution analysis of protein markers on necrotic tissue: A retrospective cohort study. <i>Wound Repair and Regeneration</i> , 2015, 23, 772-777.	3.0	3
80	Changes in dermal structure and skin oxidative stress in overweight and obese Japanese males after weight loss: a longitudinal observation study. <i>Skin Research and Technology</i> , 2018, 24, 407-416.	1.6	3
81	Reliability of the skin blotting method when used on the elderly. <i>International Wound Journal</i> , 2018, 15, 807-813.	2.9	3
82	Assessing subclinical inflammation by peroxidase detection in patients with pressure ulcers. <i>Journal of Wound Care</i> , 2019, 28, 586-591.	1.2	3
83	Measurement of mechanical withdrawal threshold on full-thickness cutaneous wounds in rats using the von Frey test. <i>Journal of Wound Care</i> , 2019, 28, 762-772.	1.2	3
84	Catheter tips are a possible resource for biological study on catheter failure. <i>Drug Discoveries and Therapeutics</i> , 2019, 13, 280-287.	1.5	3
85	Risk scoring tool for forearm skin tears in Japanese older adults: A prospective cohort study. <i>Journal of Tissue Viability</i> , 2021, 30, 155-160.	2.0	3
86	Conditioning of Karyoplasts for Producing Somatic Nuclear Transferred Gonadal Germ Cells in Domestic Chickens. <i>Journal of Reproduction and Development</i> , 2008, 54, 221-224.	1.4	3
87	Molecular and Histological Studies of Pituitary Tumorigenesis Using Experimental Animal Models. <i>Acta Histochemica Et Cytochemica</i> , 2005, 38, 87-92.	1.6	2
88	Quantitative genotyping by amplifying the polymorphic sequences of Pre-Melanosomal Protein (PMEL17) gene using real-time polymerase chain reaction in chickens. <i>British Poultry Science</i> , 2008, 49, 542-549.	1.7	2
89	Clinical and Molecular Perspectives of Deep Tissue Injury: Changes in Molecular Markers in a Rat Model. <i>Studies in Mechanobiology, Tissue Engineering and Biomaterials</i> , 2009, , 301-341.	1.0	2
90	Microsatellite polymorphism in the Heme oxygenase-1 gene promoter is associated with dermal collagen density in Japanese obese male subjects. <i>PLoS ONE</i> , 2018, 13, e0199994.	2.5	2

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91	Topically injected adrenocorticotrophic hormone induces mechanical hypersensitivity on a full-thickness cutaneous wound model in rats. <i>Experimental Dermatology</i> , 2019, 28, 1010-1016.	2.9	2
92	Pattern detection from seating pressure distribution during wheelchair motion using deep embedded clustering. , 2019, 2019, 908-911.		2
93	Relationship between the skin barrier function of 2-week-old infants after bathing and facial skin problems during the first 6 weeks of life: A prospective observational cohort study. <i>Japan Journal of Nursing Science</i> , 2021, 18, e12408.	1.3	2
94	Does the presence of bacterial urinary infection contribute to the development of incontinence-associated dermatitis? A scoping review. <i>Journal of Tissue Viability</i> , 2021, 30, 256-261.	2.0	2
95	Ulceration and delayed healing following pressure loading in hyperglycemic rats with an immature dermal collagen fiber network. <i>Wounds</i> , 2010, 22, 237-44.	0.5	2
96	The Role for miR-146b-5p in the Attenuation of Dermal Fibrosis and Angiogenesis by Targeting PDGFR α in Skin Wounds. <i>Journal of Investigative Dermatology</i> , 2022, 142, 1990-2002.e4.	0.7	2
97	Utility of Confocal Laser Scanning Microscopy (CLSM): With Reference to Interpretation in Immunostaining. <i>Acta Histochemica Et Cytochemica</i> , 2005, 38, 267-271.	1.6	1
98	Sweat gland atrophy of the heel in diabetic patients with angiopathy. <i>Journal of Clinical Nursing</i> , 2013, 22, 289-292.	3.0	1
99	Polymorphism analysis of candidate risk genes for pressure injuries in older Japanese patients: A cross-sectional study at a long-term care hospital. <i>Wound Repair and Regeneration</i> , 2021, 29, 741-751.	3.0	1
100	Identification of microRNAs responsive to shear loading in rat skin. <i>International Wound Journal</i> , 2021, , .	2.9	1
101	Association of Dermal Hypoechogenicity and Cellulitis History in Patients with Lower Extremity Lymphedema: A Cross-Sectional Observational Study. <i>Lymphatic Research and Biology</i> , 2021, , .	1.1	1
102	Which objective itch assessment tools are applicable to patients with advanced cognitive impairments? A scoping review. <i>International Journal of Older People Nursing</i> , 2022, , e12458.	1.3	1
103	Skin characteristics associated with foot callus in people with diabetes: A cross-sectional study focused on desmocollin1 in corneocytes. <i>Journal of Tissue Viability</i> , 2020, 29, 291-296.	2.0	0
104	Promoting effect of acylated homoserine lactone on the healing of tissue damage in model rats with incontinence-associated dermatitis. <i>Journal of Wound Care</i> , 2021, 30, Xli-Xlxi.	1.2	0
105	Effects of improved hypoallergenic fabrics in medical wigs in patients with breast cancer with chemotherapy-induced alopecia: a randomised clinical trial. <i>BMJ Supportive and Palliative Care</i> , 2021, , bmjspcare-2020-002309.	1.6	0