

Gojiro Nakagami

List of Publications by Year in Descending Order

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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.

175
papers

1,992
citations

23
h-index

33
g-index

182
ext. papers

2,385
ext. citations

2.6
avg, IF

4.59
L-index

#	Paper	IF	Citations
175	Non-invasive urine volume estimation in the bladder by electrical impedance-based methods: A review.. <i>Medical Engineering and Physics</i> , 2022 , 101, 103748	2.4	1
174	Automatic vein measurement by ultrasonography to prevent peripheral intravenous catheter failure for clinical practice using artificial intelligence: development and evaluation study of an automatic detection method based on deep learning. <i>BMJ Open</i> , 2022 , 12, e051466	3	1
173	Real-World Data-Based Care Innovation: Lessons Learned from Nursing Science. <i>Translational Systems Sciences</i> , 2021 , 81-100	0.3	
172	Association of Dermal Hypoechoogenicity and Cellulitis History in Patients with Lower Extremity Lymphedema: A Cross-Sectional Observational Study. <i>Lymphatic Research and Biology</i> , 2021 ,	2.3	1
171	Evaluation of bowel preparation before colonoscopy by ultrasonographic monitoring of colonic fecal retention: a case series. <i>Medical Ultrasonography</i> , 2021 , 23, 147-152	1.4	
170	Catheter failure in the administration of hyperosmotic drugs through a peripheral vein and vascular selection: A retrospective cohort study. <i>Drug Discoveries and Therapeutics</i> , 2021 , 15, 236-240	5	1
169	Diagnostic accuracy of ultrasound examination in detecting aspiration and pharyngeal residue in patients with dysphagia: A systematic review and meta-analysis. <i>Japan Journal of Nursing Science</i> , 2021 , 18, e12396	1.7	3
168	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	3.6	0
167	Concurrent validity of biofilm detection by wound blotting on hard-to-heal wounds. <i>Journal of Wound Care</i> , 2021 , 30, S4-S13	2.2	3
166	Factors related to the composition and diversity of wound microbiota investigated using culture-independent molecular methods: a scoping review. <i>Drug Discoveries and Therapeutics</i> , 2021 , 15, 78-86	5	0
165	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	3.2	
164	Factors Associated with the Local Increase of Skin Temperature, Hotspot, of Callus in Diabetic Foot: A Cross-Sectional Study. <i>Journal of Diabetes Science and Technology</i> , 2021 , 19322968211011181	4.1	1
163	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	3.2	1
162	Supervised machine learning-based prediction for in-hospital pressure injury development using electronic health records: A retrospective observational cohort study in a university hospital in Japan. <i>International Journal of Nursing Studies</i> , 2021 , 119, 103932	5.8	1
161	Ultrasound assessment of deep tissue on the wound bed and periwound skin: A classification system using ultrasound images. <i>Journal of Tissue Viability</i> , 2021 , 30, 28-35	3.2	2
160	Feasibility of the constipation point-of-care ultrasound educational program in observing fecal retention in the colorectum: A descriptive study. <i>Japan Journal of Nursing Science</i> , 2021 , 18, e12385	1.7	2
159	Effectiveness of ultrasonic debridement on reduction of bacteria and biofilm in patients with chronic wounds: A scoping review. <i>International Wound Journal</i> , 2021 , 18, 176-186	2.6	9

158	Local wound management factors related to biofilm reduction in the pressure ulcer: A prospective observational study. <i>Japan Journal of Nursing Science</i> , 2021 , 18, e12394	1.7	
157	Skin tear classification using machine learning from digital RGB image. <i>Journal of Tissue Viability</i> , 2021 , 30, 588-593	3.2	
156	Identification of microRNAs responsive to shear loading in rat skin. <i>International Wound Journal</i> , 2021 ,	2.6	1
155	Assessing absorbent products effectiveness for the prevention and management of incontinence-associated dermatitis caused by urinary, faecal or double adult incontinence: A systematic review. <i>Journal of Tissue Viability</i> , 2021 , 30, 599-607	3.2	0
154	Development of an Automatic Ultrasound Image Classification System for Pressure Injury Based on Deep Learning. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 7817	2.6	1
153	Low-frequency vibration promotes AMPK-mediated glucose uptake in 3T3-L1 adipocytes. <i>Heliyon</i> , 2021 , 7, e07897	3.6	0
152	Initial impact of the COVID-19 pandemic on time Japanese nursing faculty devote to research: Cross-sectional survey. <i>Japan Journal of Nursing Science</i> , 2021 , e12454	1.7	4
151	Association Between Access to Specialists and History of Cellulitis Among Patients with Lymphedema: Secondary Analysis Using the National LIMPRINT Database. <i>Lymphatic Research and Biology</i> , 2021 , 19, 442-446	2.3	1
150	Establishing a Methodology for Ultrasound Evaluation of Pharyngeal Residue in the Pyriform Sinus and Epiglottic Vallecula. <i>Respiratory Care</i> , 2020 , 65, 304-313	2.1	6
149	Improvement of Constipation Symptoms in an Older Adult Patient by Defecation Care Based on Using a Handheld Ultrasound Device in Home Care Settings: A Case Report. <i>Journal of Wound, Ostomy and Continence Nursing</i> , 2020 , 47, 75-78	1.7	2
148	Association between pressure injury status and hospital discharge to home: a retrospective observational cohort study using a national inpatient database. <i>Annals of Clinical Epidemiology</i> , 2020 , 2, 38-50	2.5	3
147	The association between jaw-opening strength, geniohyoid muscle thickness and echo intensity measured by ultrasound. <i>Medical Ultrasonography</i> , 2020 , 22, 299-304	1.4	1
146	Deep learning-based classification of rectal fecal retention and analysis of fecal properties using ultrasound images in older adult patients. <i>Japan Journal of Nursing Science</i> , 2020 , 17, e12340	1.7	2
145	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	2.6	16
144	Effects of skin care education for care staff at elderly care facilities on skin conditions of the residents. <i>Journal of Dermatology</i> , 2020 , 47, 327-333	1.6	2
143	Safety and efficacy of a defecation care algorithm based on ultrasonographic bowel observation in Japanese home-care settings: a single-case, multiple-baseline study. <i>Geriatrics and Gerontology International</i> , 2020 , 20, 187-194	2.9	3
142	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	3.2	6
141	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	2.6	3

140	Food bolus-forming ability predicts incidence of aspiration pneumonia in nursing home older adults: A prospective observational study. <i>Journal of Oral Rehabilitation</i> , 2020 , 47, 53-60	3.4	3
139	Validity of DMIST for monitoring healing of diabetic foot ulcers. <i>Wound Repair and Regeneration</i> , 2020 , 28, 539-546	3.6	2
138	Assessing subclinical inflammation by peroxidase detection in patients with pressure ulcers. <i>Journal of Wound Care</i> , 2019 , 28, 586-591	2.2	2
137	Effectiveness of biofilm-based wound care system on wound healing in chronic wounds. <i>Wound Repair and Regeneration</i> , 2019 , 27, 540-547	3.6	18
136	The Prevalence and Functional Impact of Chronic Edema and Lymphedema in Japan: LIMPRINT Study. <i>Lymphatic Research and Biology</i> , 2019 , 17, 195-201	2.3	4
135	Changes of tissue images visualised by ultrasonography in the process of pressure ulcer occurrence. <i>Journal of Wound Care</i> , 2019 , 28, S18-S22	2.2	3
134	Unintentional body movement parameters and pulse rate variability parameters are associated with the desire to void. <i>Medical Engineering and Physics</i> , 2019 , 68, 116-121	2.4	
133	The combination of high bacterial count and positive biofilm formation is associated with the inflammation of pressure ulcers. <i>Chronic Wound Care Management and Research</i> , 2019 , Volume 6, 1-7	1.4	5
132	Topically injected adrenocorticotrophic hormone induces mechanical hypersensitivity on a full-thickness cutaneous wound model in rats. <i>Experimental Dermatology</i> , 2019 , 28, 1010-1016	4	1
131	Development and evaluation of automated ultrasonographic detection of bladder diameter for estimation of bladder urine volume. <i>PLoS ONE</i> , 2019 , 14, e0219916	3.7	12
130	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	2.2	2
129	Catheter tips are a possible resource for biological study on catheter failure. <i>Drug Discoveries and Therapeutics</i> , 2019 , 13, 280-287	5	3
128	Successful treatment of a diabetic foot ulcer with exposed bone using Trigona honey: a case study. <i>Journal of Wound Care</i> , 2019 , 28, S4-S8	2.2	16
127	Subepidermal moisture detection of heel pressure injury: The pressure ulcer detection study outcomes. <i>International Wound Journal</i> , 2018 , 15, 297-309	2.6	29
126	Assessment of rectal feces storage condition by a point-of-care pocket-size ultrasound device for healthy adult subjects: A preliminary study. <i>Drug Discoveries and Therapeutics</i> , 2018 , 12, 42-46	5	9
125	A Randomized Controlled Trial to Investigate the Effectiveness of the Prevention of Aspiration Pneumonia Using Recommendations for Swallowing Care Guided by Ultrasound Examination. <i>Healthcare (Switzerland)</i> , 2018 , 6,	3.4	8
124	Fecal Distribution Changes Using Colorectal Ultrasonography in Older People with Physical and Cognitive Impairment Living in Long-Term Care Facilities: A Longitudinal Observational Study. <i>Healthcare (Switzerland)</i> , 2018 , 6,	3.4	7
123	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	2.6	5

122	Color Doppler Ultrasonography to Evaluate Hypoechoic Areas in Pressure Ulcers: A Report of Two Cases. <i>Journal of Medical Ultrasound</i> , 2018 , 26, 163-165	0.8	3
121	Ultrasonographic evaluation of changes over time in one defecation cycle in adults with functional constipation: A report of two cases. <i>Drug Discoveries and Therapeutics</i> , 2018 , 12, 304-308	5	6
120	Assessment of histopathology of wounds based on protein distribution detected by wound blotting. <i>SAGE Open Medicine</i> , 2018 , 6, 2050312118812220	2.4	3
119	Constipation in the elderly in a Japanese long-term medical facility: An ultrasonographic investigation. <i>Drug Discoveries and Therapeutics</i> , 2018 , 12, 233-238	5	5
118	Reliability of the skin blotting method when used on the elderly. <i>International Wound Journal</i> , 2018 , 15, 807-813	2.6	2
117	Development of Personalized Fitting Device With 3-Dimensional Solution for Prevention of NIV Oronasal Mask-Related Pressure Ulcers. <i>Respiratory Care</i> , 2018 , 63, 1024-1032	2.1	19
116	Evaluation of comfort associated with the use of a robotic mattress with an interface pressure mapping system and automatic inner air-cell pressure adjustment function in healthy volunteers. <i>Journal of Tissue Viability</i> , 2018 , 27, 146-152	3.2	3
115	Inter-rater and intra-rater reliability outcomes of a rapid bacteria counting system with pressure ulcer samples. <i>Journal of Wound Care</i> , 2017 , 26, S27-S31	2.2	3
114	Examining the accuracy of visual diagnosis of tinea pedis and tinea unguium in aged care facilities. <i>Journal of Wound Care</i> , 2017 , 26, 179-183	2.2	1
113	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	3.6	20
112	Specimens processed with an extraction solution of the Dermatophyte Test Strip can be used for direct microscopy. <i>British Journal of Dermatology</i> , 2017 , 177, e50-e51	4	2
111	Utility of a three-dimensional wound measurement device in pressure ulcers. <i>Chronic Wound Care Management and Research</i> , 2017 , Volume 4, 129-133	1.4	2
110	Is Thrombus With Subcutaneous Edema Detected by Ultrasonography Related to Short Peripheral Catheter Failure? A Prospective Observational Study. <i>Journal of Infusion Nursing</i> , 2017 , 40, 313-322	1	14
109	Ultrasonographic follow-up of functional chronic constipation in adults: A report of two cases. <i>SAGE Open Medical Case Reports</i> , 2017 , 5, 2050313X17694234	0.7	10
108	Effects of a Skin Barrier Cream on Management of Incontinence-Associated Dermatitis in Older Women: A Cluster Randomized Controlled Trial. <i>Journal of Wound, Ostomy and Continence Nursing</i> , 2017 , 44, 481-486	1.7	14
107	Skin property can predict the development of skin tears among elderly patients: a prospective cohort study. <i>International Wound Journal</i> , 2017 , 14, 691-697	2.6	15
106	Visualization of Blood Flow in an Undermined Pressure Ulcer Revealed by Sonographic Imaging and Clutter Suppression Post-Processing: A Case Report. <i>Journal of Diagnostic Medical Sonography</i> , 2017 , 33, 33-36	0.4	1
105	A New Ultrasonographic Image Displaying System to Support Vein Detection. <i>Journal of Robotics and Mechatronics</i> , 2017 , 29, 306-316	0.7	

104	Evaluation of validity of the new diabetic foot ulcer assessment scale in Indonesia. <i>Wound Repair and Regeneration</i> , 2016 , 24, 876-884	3.6	10
103	Use of Munsell color charts to measure skin tone objectively in nursing home residents at risk for pressure ulcer development. <i>Journal of Advanced Nursing</i> , 2016 , 72, 2077-85	3.1	10
102	Telogen elongation in the hair cycle of ob/ob mice. <i>Bioscience, Biotechnology and Biochemistry</i> , 2016 , 80, 74-9	2.1	2
101	Detecting pharyngeal post-swallow residue by ultrasound examination: a case series. <i>Medical Ultrasonography</i> , 2016 , 18, 288-93	1.4	12
100	Topical Administration of Acylated Homoserine Lactone Improves Epithelialization of Cutaneous Wounds in Hyperglycaemic Rats. <i>PLoS ONE</i> , 2016 , 11, e0158647	3.7	2
99	Can Wound Exudate from Venous Leg Ulcers Measure Wound Pain Status?: A Pilot Study. <i>PLoS ONE</i> , 2016 , 11, e0167478	3.7	8
98	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, 189-97	2.6	44
97	Lower temperature at the wound edge detected by thermography predicts undermining development in pressure ulcers: a pilot study. <i>International Wound Journal</i> , 2016 , 13, 454-60	2.6	14
96	Use of smartphone attached mobile thermography assessing subclinical inflammation: a pilot study. <i>Journal of Wound Care</i> , 2016 , 25, 177-80, 182	2.2	39
95	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, 185-9	2.1	9
94	<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, 1719-24	2.1	4
93	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, 135-41	2.6	6
92	Development and evaluation of a self-regulating alternating pressure air cushion. <i>Disability and Rehabilitation: Assistive Technology</i> , 2015 , 10, 165-9	1.8	6
91	Development and evaluation of an air mattress structure and function for reducing discomfort when elevating the head-of-bed. <i>Disability and Rehabilitation: Assistive Technology</i> , 2015 , 10, 81-8	1.8	4
90	Effects on interface pressure and tissue oxygenation under ischial tuberosities during the application of an alternating cushion. <i>Journal of Tissue Viability</i> , 2015 , 24, 91-101	3.2	5
89	Screening for tinea unguium by thermography in older adults with subungual hyperkeratosis. <i>Geriatrics and Gerontology International</i> , 2015 , 15, 991-6	2.9	7
88	Diagnosis of tinea pedis by the Dermatophyte Test Strip. <i>British Journal of Dermatology</i> , 2015 , 173, 1323-4		9
87	Establishment of a novel rat model for deep tissue injury deterioration. <i>International Wound Journal</i> , 2015 , 12, 202-9	2.6	7

86	Sonographic Visualization of Fecal Loading in Adults: Comparison With Computed Tomography. <i>Journal of Diagnostic Medical Sonography</i> , 2015 , 31, 86-92	0.4	15
85	Compression-induced HIF-1 enhances thrombosis and PAI-1 expression in mouse skin. <i>Wound Repair and Regeneration</i> , 2015 , 23, 657-63	3.6	11
84	Hydrocellular foam dressing increases the leptin level in wound fluid. <i>Wound Repair and Regeneration</i> , 2015 , 23, 703-10	3.6	7
83	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, 772-7	3.6	3
82	Clinical validity of the estimated energy requirement and the average protein requirement for nutritional status change and wound healing in older patients with pressure ulcers: A multicenter prospective cohort study. <i>Geriatrics and Gerontology International</i> , 2015 , 15, 1201-9	2.9	9
81	Incidence of skin tears in the extremities among elderly patients at a long-term medical facility in Japan: A prospective cohort study. <i>Geriatrics and Gerontology International</i> , 2015 , 15, 1058-63	2.9	21
80	Relationship between activity of daily living and asteatosis in the lower legs among elderly residents in long-term care institutions: a cross-sectional study. <i>International Wound Journal</i> , 2015 , 12, 586-9	2.6	1
79	Microclimate is an independent risk factor for the development of intraoperatively acquired pressure ulcers in the park-bench position: A prospective observational study. <i>Wound Repair and Regeneration</i> , 2015 , 23, 939-47	3.6	22
78	Cost-utility analysis of an advanced pressure ulcer management protocol followed by trained wound, ostomy, and continence nurses. <i>Wound Repair and Regeneration</i> , 2015 , 23, 915-21	3.6	9
77	Vibration inhibits deterioration in rat deep-tissue injury through HIF1-MMP axis. <i>Wound Repair and Regeneration</i> , 2015 , 23, 386-93	3.6	16
76	Evaluation of an advanced pressure ulcer management protocol followed by trained wound, ostomy, and continence nurses: a non-randomized controlled trial. <i>Chronic Wound Care Management and Research</i> , 2015 , 39	1.4	2
75	Videofluoroscopy-guided balloon dilatation for treatment of severe pharyngeal dysphagia. <i>Diagnostic and Interventional Radiology</i> , 2015 , 21, 173-6	3.2	4
74	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	3.7	25
73	Three-dimensional ultrasound imaging of the pressure ulcer. A case report. <i>Medical Ultrasonography</i> , 2015 , 17, 404-6	1.4	5
72	Screening for tinea unguium by Dermatophyte Test Strip. <i>British Journal of Dermatology</i> , 2014 , 170, 328-31	3.1	19
71	Method for detection of aspiration based on B-mode video ultrasonography. <i>Radiological Physics and Technology</i> , 2014 , 7, 290-5	1.7	14
70	The prevalence of skin eruptions and mycoses of the buttocks and feet in aged care facility residents: a cross-sectional study. <i>Archives of Gerontology and Geriatrics</i> , 2014 , 58, 201-4	4	6
69	Combination of thermographic and ultrasonographic assessments for early detection of deep tissue injury. <i>International Wound Journal</i> , 2014 , 11, 509-16	2.6	23

68	Antifungal Effect of Non-Woven Textiles Containing Polyhexamethylene Biguanide with Sophorolipid: A Potential Method for Tinea Pedis Prevention. <i>Healthcare (Switzerland)</i> , 2014 , 2, 183-91	3.4	11
67	Objective evaluation for venous leg ulcer-related nociceptive pain using thermography. <i>Chronic Wound Care Management and Research</i> , 2014 , 23	1.4	7
66	Physiological and appearance characteristics of skin maceration in elderly women with incontinence. <i>Journal of Wound Care</i> , 2014 , 23, 18-9, 22-23, 26 passim	2.2	20
65	An alternating pressure sequence proposal for an air-cell cushion for preventing pressure ulcers. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2014 , 2014, 3480-3	0.9	2
64	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, 477-84	2.7	9
63	Skin blotting: a noninvasive technique for evaluating physiological skin status. <i>Advances in Skin and Wound Care</i> , 2014 , 27, 272-9	1.5	18
62	Biological responses of three-dimensional cultured fibroblasts by sustained compressive loading include apoptosis and survival activity. <i>PLoS ONE</i> , 2014 , 9, e104676	3.7	8
61	Health-related quality of life and associated factors in patients with primary lymphedema. <i>Japan Journal of Nursing Science</i> , 2013 , 10, 202-11	1.7	10
60	Undermining incision and healing of deep pressure ulcers: a prospective cohort study of pressure ulcers by the Japanese national hospital organization. <i>Wound Repair and Regeneration</i> , 2013 , 21, 512-9	3.6	4
59	Prevalence of asteatosis and asteatotic eczema among elderly residents in facilities covered by long-term care insurance. <i>Journal of Dermatology</i> , 2013 , 40, 770-1	1.6	5
58	Aging-like skin changes in metabolic syndrome model mice are mediated by mineralocorticoid receptor signaling. <i>Aging Cell</i> , 2013 , 12, 50-7	9.9	24
57	Predictive validity of granulation tissue color measured by digital image analysis for deep pressure ulcer healing: a multicenter prospective cohort study. <i>Wound Repair and Regeneration</i> , 2013 , 21, 25-34	3.6	12
56	Wound blotting: a convenient biochemical assessment tool for protein components in exudate of chronic wounds. <i>Wound Repair and Regeneration</i> , 2013 , 21, 329-34	3.6	26
55	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	1.2	6
54	Impaired aquaporin 3 expression in reepithelialization of cutaneous wound healing in the diabetic rat. <i>Biological Research for Nursing</i> , 2013 , 15, 347-55	2.6	16
53	Risk factors and risk scoring tool for infection during tissue expansion in tissue expander and implant breast reconstruction. <i>Breast Journal</i> , 2013 , 19, 618-26	1.2	39
52	Measurement system of body shift during Head of Bed elevation based on robust tracking of mattress edges using LIDAR. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2013 , 2013, 4686-9	0.9	1
51	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	3.7	14

50	Ultrasonographic evaluation of geniohyoid muscle movement during swallowing: a study on healthy adults of various ages. <i>Radiological Physics and Technology</i> , 2012 , 5, 34-9	1.7	15
49	Novel models for bacterial colonization and infection of full-thickness wounds in rats. <i>Wound Repair and Regeneration</i> , 2012 , 20, 601-10	3.6	19
48	Determining the optimal inner air cell pressure for the effective reduction of interface pressure. <i>Journal of Tissue Viability</i> , 2012 , 21, 47-53	3.2	2
47	Altered expression of matrix metalloproteinases and their tissue inhibitors in matured rat adipocytes in vitro. <i>Biological Research for Nursing</i> , 2012 , 14, 242-9	2.6	12
46	Efficacy of an improved absorbent pad on incontinence-associated dermatitis in older women: cluster randomized controlled trial. <i>BMC Geriatrics</i> , 2012 , 12, 22	4.1	19
45	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, 273-9	3.4	12
44	Histopathological comparisons of irradiated and non-irradiated breast skin from the same individuals. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2012 , 65, 1496-505	1.7	15
43	Novel biomarkers for the detection of wound infection by wound fluid RT-PCR in rats. <i>Experimental Dermatology</i> , 2012 , 21, 118-22	4	14
42	Skin fragility in obese diabetic mice: possible involvement of elevated oxidative stress and upregulation of matrix metalloproteinases. <i>Experimental Dermatology</i> , 2012 , 21, 178-83	4	35
41	Aging-like skin changes induced by ultraviolet irradiation in an animal model of metabolic syndrome. <i>Biological Research for Nursing</i> , 2012 , 14, 180-7	2.6	18
40	Life Pattern Estimation of the Elderly Based on Accumulated Activity Data and its Application to Anomaly Detection. <i>Journal of Robotics and Mechatronics</i> , 2012 , 24, 754-765	0.7	3
39	Variations of plantar thermographic patterns in normal controls and non-ulcer diabetic patients: novel classification using angiosome concept. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2011 , 64, 860-6	1.7	74
38	Aging enhances maceration-induced ultrastructural alteration of the epidermis and impairment of skin barrier function. <i>Journal of Dermatological Science</i> , 2011 , 62, 160-8	4.3	27
37	Relationship between morphological characteristics and etiology of pressure ulcers in intensive care unit patients. <i>Journal of Wound, Ostomy and Continence Nursing</i> , 2011 , 38, 404-12	1.7	8
36	Contribution of quorum sensing to the virulence of <i>Pseudomonas aeruginosa</i> in pressure ulcer infection in rats. <i>Wound Repair and Regeneration</i> , 2011 , 19, 214-22	3.6	24
35	Concurrent validation and reliability of digital image analysis of granulation tissue color for clinical pressure ulcers. <i>Wound Repair and Regeneration</i> , 2011 , 19, 455-63	3.6	13
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, 157-63		11
33	Interface pressure distribution of elderly Japanese people in the sitting position. <i>Disability and Rehabilitation: Assistive Technology</i> , 2011 , 6, 38-46	1.8	3

32	Preventive Effects of Salacia reticulata on Obesity and Metabolic Disorders in TSOD Mice. <i>Evidence-based Complementary and Alternative Medicine</i> , 2011 , 2011, 484590	2.3	27
31	Combination of Ultrasonographic and Thermographic Assessments for Predicting Partial-thickness Pressure Ulcer Healing . <i>Wounds</i> , 2011 , 23, 285-92	0.8	3
30	Skin injuries caused by medical adhesive tape in older people and associated factors. <i>Journal of Clinical Nursing</i> , 2010 , 19, 1236-42	3.2	47
29	Predicting delayed pressure ulcer healing using thermography: a prospective cohort study. <i>Journal of Wound Care</i> , 2010 , 19, 465-6, 468, 470 passim	2.2	60
28	Candidate biomarkers for deep tissue damage from molecular biological and biochemical aspects. <i>Journal of Tissue Viability</i> , 2010 , 19, 77-83	3.2	6
27	Do nutritional markers in wound fluid reflect pressure ulcer status?. <i>Wound Repair and Regeneration</i> , 2010 , 18, 31-7	3.6	21
26	Vibration therapy accelerates healing of Stage I pressure ulcers in older adult patients. <i>Advances in Skin and Wound Care</i> , 2010 , 23, 321-7	1.5	32
25	Evaluation of the usefulness of skin blood flow measurements by laser speckle flowgraphy in pressure-induced ischemic wounds in rats. <i>Annals of Plastic Surgery</i> , 2010 , 64, 351-4	1.7	12
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