

Hiromi Sanada

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.

264
papers

2,799
citations

26
h-index

38
g-index

273
ext. papers

3,378
ext. citations

2.7
avg, IF

4.99
L-index

#	Paper	IF	Citations
264	Ultrasound assessment of deep tissue injury in pressure ulcers: possible prediction of pressure ulcer progression. <i>Plastic and Reconstructive Surgery</i> , 2009 , 124, 540-550	2.7	85
263	Dilemmas in measuring and using pressure ulcer prevalence and incidence: an international consensus. <i>International Wound Journal</i> , 2009 , 6, 97-104	2.6	82
262	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
261	Antiobesity effects of Kaempferia parviflora in spontaneously obese type II diabetic mice. <i>Journal of Natural Medicines</i> , 2011 , 65, 73-80	3.3	64
260	Risk factors related to the development of pressure ulcers in the critical care setting. <i>Journal of Clinical Nursing</i> , 2010 , 19, 414-21	3.2	63
259	The impact of malnutrition and nutrition-related factors on the development and severity of pressure ulcers in older patients receiving home care. <i>Clinical Nutrition</i> , 2010 , 29, 47-53	5.9	59
258	Development of the DESIGN-R with an observational study: an absolute evaluation tool for monitoring pressure ulcer wound healing. <i>Wound Repair and Regeneration</i> , 2011 , 19, 309-15	3.6	57
257	Microclimate and development of pressure ulcers and superficial skin changes. <i>International Wound Journal</i> , 2015 , 12, 40-6	2.6	55
256	Incidence and risk factors of pressure ulcers in seven neonatal intensive care units in Japan: a multisite prospective cohort study. <i>International Wound Journal</i> , 2010 , 7, 323-8	2.6	55
255	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
254	Ultrasonographic and thermographic screening for latent inflammation in diabetic foot callus. <i>Diabetes Research and Clinical Practice</i> , 2009 , 85, 304-9	7.4	43
253	Randomised controlled trial to evaluate a new double-layer air-cell overlay for elderly patients requiring head elevation. <i>Journal of Tissue Viability</i> , 2003 , 13, 112-4, 116, 118 passim	3.2	42
252	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
251	Clinical wound assessment using DESIGN-R total score can predict pressure ulcer healing: pooled analysis from two multicenter cohort studies. <i>Wound Repair and Regeneration</i> , 2011 , 19, 559-67	3.6	39
250	Sonographic assessment of hyoid bone movement during swallowing: a study of normal adults with advancing age. <i>Radiological Physics and Technology</i> , 2011 , 4, 73-7	1.7	37
249	Comparison of characteristics and healing course of diabetic foot ulcers by etiological classification: neuropathic, ischemic, and neuro-ischemic type. <i>Journal of Diabetes and Its Complications</i> , 2014 , 28, 528-35	3.2	36
248	Exercise-induced increase in IL-6 level enhances GLUT4 expression and insulin sensitivity in mouse skeletal muscle. <i>Biochemical and Biophysical Research Communications</i> , 2016 , 473, 947-952	3.4	36

247	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
246	Evaluation of a new pressure ulcer preventive dressing containing ceramide 2 with low frictional outer layer. <i>Journal of Advanced Nursing</i> , 2007 , 59, 520-9	3.1	35
245	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
244	Prognosis of stage I pressure ulcers and related factors. <i>International Wound Journal</i> , 2006 , 3, 355-62	2.6	32
243	Risk factors in the development of pressure ulcers in an intensive care unit in Pontianak, Indonesia. <i>International Wound Journal</i> , 2007 , 4, 208-15	2.6	29
242	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
241	Temporal muscle thickness as a new indicator of nutritional status in older individuals. <i>Geriatrics and Gerontology International</i> , 2019 , 19, 135-140	2.9	26
240	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
239	Quantitative evaluation of elderly skin based on digital image analysis. <i>Skin Research and Technology</i> , 2008 , 14, 192-200	1.9	26
238	Elevated plantar pressure in diabetic patients and its relationship with their gait features. <i>Gait and Posture</i> , 2014 , 40, 408-14	2.6	25
237	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
236	Exploring the relationship between skin property and absorbent pad environment. <i>Journal of Clinical Nursing</i> , 2009 , 18, 1607-16	3.2	25
235	Using Ultrasonography for Vessel Diameter Assessment to Prevent Infiltration. <i>Journal of Infusion Nursing</i> , 2016 , 39, 105-11	1	25
234	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
233	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
232	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
231	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
230	Evaluating the effect of the new incentive system for high-risk pressure ulcer patients on wound healing and cost-effectiveness: a cohort study. <i>International Journal of Nursing Studies</i> , 2010 , 47, 279-86	5.8	22

229	Reliability and validity of a multi-pad pressure evaluator for pressure ulcer management. <i>Journal of Tissue Viability</i> , 2002 , 12, 148-53	3.2	22
228	Low-angled peripheral intravenous catheter tip placement decreases phlebitis. <i>Journal of Vascular Access</i> , 2016 , 17, 542-547	1.8	21
227	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
226	Do nutritional markers in wound fluid reflect pressure ulcer status?. <i>Wound Repair and Regeneration</i> , 2010 , 18, 31-7	3.6	21
225	Continuous monitoring of interface pressure distribution in intensive care patients for pressure ulcer prevention. <i>Journal of Advanced Nursing</i> , 2009 , 65, 809-17	3.1	21
224	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
223	Factors associated with presence and severity of toenail onychomycosis in patients with diabetes: a cross-sectional study. <i>International Journal of Nursing Studies</i> , 2011 , 48, 1101-8	5.8	20
222	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
221	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
220	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
219	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
218	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
217	Preventing peripheral intravenous catheter failure by reducing mechanical irritation. <i>Scientific Reports</i> , 2020 , 10, 1550	4.9	17
216	The relationship between the tip position of an indwelling venous catheter and the subcutaneous edema. <i>BioScience Trends</i> , 2015 , 9, 414-9	9.9	17
215	Changes in serum and exudate creatine phosphokinase concentrations as an indicator of deep tissue injury: a pilot study. <i>International Wound Journal</i> , 2008 , 5, 674-80	2.6	17
214	Factors Associated With Callus in Patients with Diabetes, Focused on Plantar Shear Stress During Gait. <i>Journal of Diabetes Science and Technology</i> , 2016 , 10, 1353-1359	4.1	17
213	Effect of vibration on skin blood flow in an in vivo microcirculatory model. <i>BioScience Trends</i> , 2007 , 1, 161-6	9.9	17
212	The Japanese pressure ulcer surveillance study: a retrospective cohort study to determine prevalence of pressure ulcers in Japanese hospitals. <i>Wounds</i> , 2008 , 20, 176-82	0.8	17

211	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
210	Development and validity of a new model for assessing pressure redistribution properties of support surfaces. <i>Journal of Tissue Viability</i> , 2011 , 20, 55-66	3.2	16
209	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
208	Risk factors associated with intraoperatively acquired pressure ulcers in the park-bench position: a retrospective study. <i>International Wound Journal</i> , 2016 , 13, 1206-1213	2.6	16
207	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
206	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
205	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
204	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
203	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
202	Method for detection of aspiration based on B-mode video ultrasonography. <i>Radiological Physics and Technology</i> , 2014 , 7, 290-5	1.7	14
201	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
200	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
199	A multicenter, randomized, controlled study of the use of nutritional supplements containing collagen peptides to facilitate the healing of pressure ulcers. <i>Journal of Nutrition & Intermediary Metabolism</i> , 2017 , 8, 51-59	2.8	14
198	Estimation of protein requirements according to nitrogen balance for older hospitalized adults with pressure ulcers according to wound severity in Japan. <i>Journal of the American Geriatrics Society</i> , 2012 , 60, 2027-34	5.6	14
197	Incontinence induces stratum corneum vulnerability and impairs the skin barrier function in the perianal region. <i>Dermatology</i> , 2006 , 213, 293-9	4.4	14
196	Hydrocellular foam dressing promotes wound healing along with increases in hyaluronan synthase 3 and PPAR α gene expression in epidermis. <i>PLoS ONE</i> , 2013 , 8, e73988	3.7	14
195	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
194	Ultrasound-assisted prompted voiding for management of urinary incontinence of nursing home residents: Efficacy and feasibility. <i>International Journal of Urology</i> , 2016 , 23, 786-90	2.3	14

193	Exploring the causes of peripheral intravenous catheter failure based on shape of catheters removed from various insertion sites. <i>Drug Discoveries and Therapeutics</i> , 2018 , 12, 170-177	5	13
192	Screening for Osteomyelitis Using Thermography in Patients with Diabetic Foot. <i>Ulcers</i> , 2013 , 2013, 1-6		13
191	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
190	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
189	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
188	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
187	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
186	Detecting pharyngeal post-swallow residue by ultrasound examination: a case series. <i>Medical Ultrasonography</i> , 2016 , 18, 288-93	1.4	12
185	May perioperative ultrasound-guided pelvic floor muscle training promote early recovery of urinary continence after robot-assisted radical prostatectomy?. <i>Neurourology and Urodynamics</i> , 2019 , 38, 158-164 ²³		12
184	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 ²⁶		11
183	Non-invasive monitoring of core body temperature rhythms over 72 h in 10 bedridden elderly patients with disorders of consciousness in a Japanese hospital: a pilot study. <i>Archives of Gerontology and Geriatrics</i> , 2013 , 57, 428-32	4	11
182	Removal of Peripheral Intravenous Catheters Due to Catheter Failures Among Adult Patients. <i>Journal of Infusion Nursing</i> , 2017 , 40, 224-231	1	11
181	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
180	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
179	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
178	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
177	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
176	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

175	Predictive validity of weekly monitoring of wound status using DESIGN-R score change for pressure ulcer healing: a multicenter prospective cohort study. <i>Wound Repair and Regeneration</i> , 2012 , 20, 473-81	3.6	10
174	Three-dimensional studies on the structure of the tissue surrounding the superior mesenteric artery. <i>International Journal of Gastrointestinal Cancer</i> , 1994 , 15, 129-88		10
173	Shear Stress-Normal Stress (Pressure) Ratio Decides Forming Callus in Patients with Diabetic Neuropathy. <i>Journal of Diabetes Research</i> , 2016 , 2016, 3157123	3.9	10
172	Ultrasonographic Classification of Subcutaneous Edema Caused by Infusion via Peripheral Intravenous Catheter. <i>Journal of Medical Ultrasound</i> , 2016 , 24, 60-65	0.8	10
171	Differences in motor learning of pelvic floor muscle contraction between women with and without stress urinary incontinence: Evaluation by transabdominal ultrasonography. <i>Neurourology and Urodynamics</i> , 2017 , 36, 98-103	2.3	9
170	Associations between the treatments and outcomes of patients with upper and lower lymphoedema in Japan: a cross-sectional observational study. <i>International Journal of Nursing Studies</i> , 2015 , 52, 913-9	5.8	9
169	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
168	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
167	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
166	Low-temperature infiltration identified using infrared thermography in patients with subcutaneous edema revealed ultrasonographically: A case report. <i>Drug Discoveries and Therapeutics</i> , 2016 , 10, 117-22 ⁵		9
165	Ultrasound-assisted prompted voiding care for managing urinary incontinence in nursing homes: A randomized clinical trial. <i>Neurourology and Urodynamics</i> , 2019 , 38, 757-763	2.3	9
164	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
163	Specific foods can reduce symptoms of irritable bowel syndrome and functional constipation: a review. <i>BioPsychoSocial Medicine</i> , 2019 , 13, 10	2.8	8
162	Incidence, risk factors, and assessment of induration by ultrasonography after chemotherapy administration through a peripheral intravenous catheter. <i>Japan Journal of Nursing Science</i> , 2020 , 17, e12329	1.7	8
161	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
160	Relationship between maceration and wound healing on diabetic foot ulcers in Indonesia: a prospective study. <i>International Wound Journal</i> , 2017 , 14, 516-522	2.6	8
159	Influence of the "hammock effect" in wheelchair cushion cover on mechanical loading over the ischial tuberosity in an artificial buttocks model. <i>Journal of Tissue Viability</i> , 2009 , 18, 47-54	3.2	8
158	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

157	Can Wound Exudate from Venous Leg Ulcers Measure Wound Pain Status?: A Pilot Study. <i>PLoS ONE</i> , 2016 , 11, e0167478	3.7	8
156	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
155	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
154	Factors associated with deep foot fissures in diabetic patients: a cross-sectional observational study. <i>International Journal of Nursing Studies</i> , 2012 , 49, 739-46	5.8	7
153	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, 107-11	5.2	7
152	Morphological characteristics of and factors related to moisture-associated dermatitis surrounding malignant wounds in breast cancer patients. <i>European Journal of Oncology Nursing</i> , 2013 , 17, 673-80	2.8	7
151	Translation and reliability and validity testing of a Japanese version of the Intermittent Self-Catheterization Questionnaire among disposable and reusable catheter users. <i>Neurourology and Urodynamics</i> , 2017 , 36, 1356-1362	2.3	7
150	Establishment of a novel rat model for deep tissue injury deterioration. <i>International Wound Journal</i> , 2015 , 12, 202-9	2.6	7
149	Hydrocellular foam dressing increases the leptin level in wound fluid. <i>Wound Repair and Regeneration</i> , 2015 , 23, 703-10	3.6	7
148	Objective evaluation for venous leg ulcer-related nociceptive pain using thermography. <i>Chronic Wound Care Management and Research</i> , 2014 , 23	1.4	7
147	Differences in the working pattern among wound, ostomy, and continence nurses with and without conducting the specified medical act: a multicenter time and motion study. <i>BMC Nursing</i> , 2016 , 15, 69	3.2	7
146	The relationship between malignant wound status and pain in breast cancer patients. <i>European Journal of Oncology Nursing</i> , 2016 , 24, 8-12	2.8	7
145	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
144	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
143	Development of an algorithm using ultrasonography-assisted peripheral intravenous catheter placement for reducing catheter failure. <i>Drug Discoveries and Therapeutics</i> , 2020 , 14, 27-34	5	6
142	Establishing a Methodology for Ultrasound Evaluation of Pharyngeal Residue in the Piriform Sinus and Epiglottic Vallecula. <i>Respiratory Care</i> , 2020 , 65, 304-313	2.1	6
141	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
140	Evaluation of the Predictive Validity of Thermography in Identifying Extravasation With Intravenous Chemotherapy Infusions. <i>Journal of Infusion Nursing</i> , 2017 , 40, 367-374	1	6

139	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
138	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
137	A prospective study of blanchable erythema among university hospital patients. <i>International Wound Journal</i> , 2008 , 5, 470-5	2.6	6
136	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
135	Prediction of healing in Category I pressure ulcers by skin blotting with plasminogen activator inhibitor 1, interleukin-1 β , vascular endothelial growth factor C, and heat shock protein 90 α pilot study. <i>Journal of Tissue Viability</i> , 2019 , 28, 87-93	3.2	6
134	Development of recurrent pressure ulcers, risk factors in older patients: a prospective observational study. <i>Journal of Wound Care</i> , 2020 , 29, S14-S24	2.2	6
133	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
132	Hypoxia is Involved in Deep Tissue Injury Formation in a Rat Model . <i>Wounds</i> , 2010 , 22, 44-51	0.8	6
131	Thermographic findings in a case of type 2 diabetes with foot ulcer due to callus deterioration. <i>Diabetology International</i> , 2017 , 8, 328-333	2.3	5
130	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
129	Effectiveness of Swallowing Care on Safe Oral Intake Using Ultrasound-Based Observation of Residues in the Epiglottis Valley: A Pragmatic, Quasi-Experimental Study. <i>Healthcare (Switzerland)</i> , 2020 , 8,	3.4	5
128	Dermal Structure in Lymphedema Patients with History of Acute Dermatolymphangioadenitis Evaluated by Histogram Analysis of Ultrasonography Findings: A Case-Control Study. <i>Lymphatic Research and Biology</i> , 2016 , 14, 2-7	2.3	5
127	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
126	Computer-supported indirect-form lifestyle-modification support program using Lifestyle Intervention Support Software for Diabetes Prevention (LISS-DP) for people with a family history of type 2 diabetes in a medical checkup setting: a randomized controlled trial. <i>Primary Care Diabetes</i> , 2014 , 8, 207-14	2.4	5
125	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
124	Three-dimensional ultrasound imaging of the pressure ulcer. A case report. <i>Medical Ultrasonography</i> , 2015 , 17, 404-6	1.4	5
123	Investigation of effects of urethane foam mattress hardness on skin and soft tissue deformation in the prone position using magnetic resonance imaging. <i>Journal of Tissue Viability</i> , 2019 , 28, 14-20	3.2	5
122	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

121	Continuous thermographic observation may predict extravasation in chemotherapy-treated patients. <i>European Journal of Oncology Nursing</i> , 2017 , 28, 56-61	2.8	4
120	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
119	Incidence of foot ulcers in patients with diabetes at a university hospital in Tokyo over a 5-year period. <i>Diabetology International</i> , 2015 , 6, 55-59	2.3	4
118	<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
117	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
116	Efficacy of an education program for nurses that concerns the use of point-of-care ultrasound to monitor for aspiration and pharyngeal post-swallow residue: A prospective, descriptive study. <i>Nurse Education in Practice</i> , 2020 , 44, 102749	3.2	4
115	Using an extreme bony prominence anatomical model to examine the influence of bed sheet materials and bed making methods on the distribution of pressure on the support surface. <i>Journal of Tissue Viability</i> , 2014 , 23, 60-8	3.2	4
114	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
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