

Sadanori Akita

List of Publications by Year in descending order

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98
papers

2,871
citations

159358

30
h-index

189595

50
g-index

102
all docs

102
docs citations

102
times ranked

3271
citing authors

#	ARTICLE	IF	CITATIONS
1	Radiodermatitis: A Review of Our Current Understanding. American Journal of Clinical Dermatology, 2016, 17, 277-292.	3.3	218
2	Human mesenchymal stem cells successfully improve skin-substitute wound healing. British Journal of Dermatology, 2005, 153, 29-36.	1.4	201
3	Basic fibroblast growth factor accelerates and improves second-degree burn wound healing. Wound Repair and Regeneration, 2008, 16, 635-641.	1.5	138
4	Human and murine pituitary expression of leukemia inhibitory factor. Novel intrapituitary regulation of adrenocorticotropin hormone synthesis and secretion.. Journal of Clinical Investigation, 1995, 95, 1288-1298.	3.9	129
5	Basic Fibroblast Growth Factor in Scarless Wound Healing. Advances in Wound Care, 2013, 2, 44-49.	2.6	101
6	Diagnosis and Treatment of Keloids and Hypertrophic Scars—Japan Scar Workshop Consensus Document 2018. Burns and Trauma, 2019, 7, 39.	2.3	96
7	A basic fibroblast growth factor improved the quality of skin grafting in burn patients. Burns, 2005, 31, 855-858.	1.1	95
8	Cranial bone defect healing is accelerated by mesenchymal stem cells induced by coadministration of bone morphogenetic protein-2 and basic fibroblast growth factor. Wound Repair and Regeneration, 2004, 12, 252-259.	1.5	86
9	Noncultured Autologous Adipose-Derived Stem Cells Therapy for Chronic Radiation Injury. Stem Cells International, 2010, 2010, 1-8.	1.2	79
10	Disrupted murine leukemia inhibitory factor (LIF) gene attenuates adrenocorticotropin hormone (ACTH) secretion.. Endocrinology, 1996, 137, 3140-3143.	1.4	66
11	Pituitary-directed leukemia inhibitory factor transgene forms Rathke's cleft cysts and impairs adult pituitary function. A model for human pituitary Rathke's cysts.. Journal of Clinical Investigation, 1997, 99, 2462-2469.	3.9	66
12	The Quality of Pediatric Burn Scars Is Improved by Early Administration of Basic Fibroblast Growth Factor. Journal of Burn Care and Research, 2006, 27, 333-338.	0.2	65
13	MESENCHYMAL STEM CELL THERAPY FOR CUTANEOUS RADIATION SYNDROME. Health Physics, 2010, 98, 858-862.	0.3	65
14	Transplantation of bioengineered rat lungs recellularized with endothelial and adipose-derived stromal cells. Scientific Reports, 2017, 7, 8447.	1.6	58
15	PAX9 and TGFB3 are linked to susceptibility to nonsyndromic cleft lip with or without cleft palate in the Japanese: population-based and family-based candidate gene analyses. Journal of Human Genetics, 2006, 51, 38-46.	1.1	55
16	Autologous adipose-derived regenerative cells are effective for chronic intractable radiation injuries. Radiation Protection Dosimetry, 2012, 151, 656-660.	0.4	54
17	A polyurethane dressing is beneficial for split-thickness skin-graft donor wound healing. Burns, 2006, 32, 447-451.	1.1	49
18	Adipose-Derived Stem Cells and Vascularized Lymph Node Transfers Successfully Treat Mouse Hindlimb Secondary Lymphedema by Early Reconnection of the Lymphatic System and Lymphangiogenesis. Plastic and Reconstructive Surgery, 2017, 139, 639-651.	0.7	49

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19	Optimizing Technology Use for Chronic Lower-Extremity Wound Healing. <i>International Journal of Lower Extremity Wounds</i> , 2016, 15, 102-119.	0.6	47
20	Combined Surgical Excision and Radiation Therapy for Keloid Treatment. <i>Journal of Craniofacial Surgery</i> , 2007, 18, 1164-1169.	0.3	45
21	Bone morphogenetic protein-2 regulates proliferation of human mesenchymal stem cells. <i>Wound Repair and Regeneration</i> , 2003, 11, 354-360.	1.5	42
22	A Basic Fibroblast Growth Factor Improves Lower Extremity Wound Healing With a Porcine-Derived Skin Substitute. <i>Journal of Trauma</i> , 2008, 64, 809-815.	2.3	41
23	Early Experiences with Stem Cells in Treating Chronic Wounds. <i>Clinics in Plastic Surgery</i> , 2012, 39, 281-292.	0.7	41
24	Adipose-derived stem cell transplantation for therapeutic lymphangiogenesis in a mouse secondary lymphedema model. <i>Regenerative Medicine</i> , 2015, 10, 549-562.	0.8	41
25	Coadministration of Basic Fibroblast Growth Factor and Sucrose Octasulfate (Sucralfate) Facilitates the Rat Dorsal Flap Survival and Viability. <i>Plastic and Reconstructive Surgery</i> , 1999, 103, 941-948.	0.7	38
26	Wound Repair and Regeneration: Mechanisms, Signaling. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6328.	1.8	37
27	LEUKEMIA INHIBITORY FACTOR GENE IMPROVES SKIN ALLOGRAFT SURVIVAL IN THE MOUSE MODEL1. Transplantation, 2000, 70, 1026-1031.	0.5	35
28	Thyroid Hormone Action on Rat Calvarial Sutures. <i>Thyroid</i> , 1994, 4, 99-106.	2.4	33
29	Early cellular changes of human mesenchymal stem cells and their interaction with other cells. <i>Wound Repair and Regeneration</i> , 2005, 13, 434-440.	1.5	32
30	A Mutation in RYK is a Genetic Factor for Nonsyndromic Cleft Lip and Palate. <i>Cleft Palate-Craniofacial Journal</i> , 2006, 43, 310-316.	0.5	32
31	Human mesenchymal stem cells may be involved in keloid pathogenesis. <i>International Journal of Dermatology</i> , 2008, 47, 1112-1117.	0.5	32
32	Treatment of Radiation Injury. <i>Advances in Wound Care</i> , 2014, 3, 1-11.	2.6	29
33	Lower extremity reconstruction after necrotising fasciitis and necrotic skin lesions using a porcine-derived skin substitute. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2006, 59, 759-763.	0.5	26
34	Surgical treatment algorithms for post-burn contractures. <i>Burns and Trauma</i> , 2017, 5, 9.	2.3	26
35	Utilization of Natural Detergent Potassium Laurate for Decellularization in Lung Bioengineering. <i>Tissue Engineering - Part C: Methods</i> , 2019, 25, 459-471.	1.1	25
36	Identification of IGF-I in the Calvarial Suture of Young Rats: Histochemical Analysis of the Cranial Sagittal Sutures in a Hyperthyroid Rat Model. <i>Plastic and Reconstructive Surgery</i> , 1996, 97, 1-12.	0.7	24

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37	Leukemia Inhibitory Factor Enhances Bone Formation in Calvarial Bone Defect. <i>Journal of Craniofacial Surgery</i> , 2000, 11, 513-520.	0.3	23
38	Basic fibroblast growth factor is beneficial for postoperative color uniformity in split-thickness skin grafting. <i>Wound Repair and Regeneration</i> , 2010, 18, 560-566.	1.5	23
39	Leukemia inhibitory factor (LIF) induces acute adrenocorticotrophic hormone (ACTH) secretion in fetal rhesus macaque primates: a novel dynamic test of pituitary function. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1996, 81, 4170-4178.	1.8	23
40	One-stage, simultaneous skin grafting with artificial dermis and basic fibroblast growth factor successfully improves elasticity with maturation of scar formation. <i>Wound Repair and Regeneration</i> , 2013, 21, 141-154.	1.5	22
41	A Novel Molecular Marker of Pituitary Tumor Transforming Gene Involves in a Rat Liver Regeneration1. <i>Journal of Surgical Research</i> , 2005, 129, 142-146.	0.8	21
42	Analysis of pediatric burns in Nagasaki University from 1983 to 2002. <i>Burns</i> , 2005, 31, 1041-1044.	1.1	20
43	The usefulness of basic fibroblast growth factor for radiation-exposed tissue. <i>Wound Repair and Regeneration</i> , 2012, 20, 91-102.	1.5	19
44	Effectiveness of basic fibroblast growth factor for pediatric hand burns. <i>Journal of Tissue Viability</i> , 2016, 25, 220-224.	0.9	19
45	Novel Application of Cultured Epithelial Autografts (CEA) with Expanded Mesh Skin Grafting Over an Artificial Dermis or Dermal Wound Bed Preparation. <i>International Journal of Molecular Sciences</i> , 2018, 19, 57.	1.8	18
46	Elevated Circulating Leukemia Inhibitory Factor in Patients With Extensive Burns. <i>Journal of Burn Care and Research</i> , 2006, 27, 221-225.	0.2	17
47	Wound Healing and Angiogenesis through Combined Use of a Vascularized Tissue Flap and Adipose-Derived Stem Cells in a Rat Hindlimb Irradiated Ischemia Model. <i>Plastic and Reconstructive Surgery</i> , 2016, 137, 1486-1497.	0.7	17
48	Japanese clinical practice guidelines for vascular anomalies 2017. <i>Japanese Journal of Radiology</i> , 2020, 38, 287-342.	1.0	16
49	The neck burn scar contracture: a concept of effective treatment. <i>Burns and Trauma</i> , 2017, 5, 22.	2.3	15
50	Surgical Modifications for Microform Cleft Lip Repairs. <i>Journal of Craniofacial Surgery</i> , 2005, 16, 1106-1110.	0.3	14
51	Lipid-Colloid Dressing Shows Improved Reepithelialization, Pain Relief, and Corneal Barrier Function in Split-Thickness Skin-Graft Donor Wound Healing. <i>International Journal of Lower Extremity Wounds</i> , 2014, 13, 220-225.	0.6	14
52	Increased drug resistance of meticillin-resistant <i>Staphylococcus aureus</i> biofilms formed on a mouse dermal chip model. <i>Journal of Medical Microbiology</i> , 2017, 66, 542-550.	0.7	14
53	Quality of pediatric second-degree burn wound scars following the application of basic fibroblast growth factor: results of a randomized, controlled pilot study. <i>Ostomy - Wound Management</i> , 2012, 58, 32-6.	0.8	14
54	Leukemia inhibitory factor-transfected embryonic fibroblasts and vascular endothelial growth factor successfully improve the skin substitute wound healing by increasing angiogenesis and matrix production. <i>Journal of Dermatological Science</i> , 2004, 36, 11-23.	1.0	12

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55	Therapeutic Choice for Craniofacial Venous Malformations. <i>Journal of Craniofacial Surgery</i> , 2006, 17, 729-735.	0.3	12
56	Attenuation of cysteinyl leukotrienes induces human mesenchymal stem cell differentiation. <i>Wound Repair and Regeneration</i> , 2006, 14, 343-349.	1.5	12
57	Adipose-derived mesenchymal stem cells attenuate rejection in a rat lung transplantation model. <i>Journal of Surgical Research</i> , 2018, 227, 17-27.	0.8	12
58	Medical, Surgical, and Wound Care Management of Ulcerated Infantile Hemangiomas: A Systematic Review. <i>Journal of Cutaneous Medicine and Surgery</i> , 2018, 22, 495-504.	0.6	12
59	Craniofacial Deformities Associated with Juvenile Hyperthyroidism. <i>Cleft Palate-Craniofacial Journal</i> , 1995, 32, 328-333.	0.5	11
60	Sleep Disturbances Detected by a Sleep Apnea Monitor in Craniofacial Surgical Patients. <i>Journal of Craniofacial Surgery</i> , 2006, 17, 44-49.	0.3	11
61	Management of Vascular Malformations. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2014, 2, e128.	0.3	11
62	Fatty Acid Potassium Had Beneficial Bactericidal Effects and Removed <i>Staphylococcus aureus</i> Biofilms while Exhibiting Reduced Cytotoxicity towards Mouse Fibroblasts and Human Keratinocytes. <i>International Journal of Molecular Sciences</i> , 2019, 20, 312.	1.8	11
63	Usefulness of Simultaneous Pre-Maxillary Osteotomy and Bone Grafting in the Bilateral Clefts. <i>Journal of Craniofacial Surgery</i> , 2006, 17, 291-296.	0.3	10
64	Cranioplasty With Auto-Purified Bone Flap After Infection. <i>Journal of Craniofacial Surgery</i> , 2006, 17, 1076-1079.	0.3	10
65	Vascularised fat flaps lose 44% of their weight 24 weeks after transplantation. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2012, 65, 1403-1409.	0.5	10
66	Craniofacial Deformities Associated with Juvenile Hyperthyroidism. <i>Cleft Palate-Craniofacial Journal</i> , 1995, 32, 328-333.	0.5	9
67	Biological Features Implies Potential Use of Autologous Adipose-Derived Stem/Progenitor Cells in Wound Repair and Regenerations for the Patients with Lipodystrophy. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5505.	1.8	9
68	Interim Results of the Remede d'Or Study: A Multicenter, Single-Blind, Randomized, Controlled Trial to Assess the Safety and Efficacy of an Innovative Topical Formulation of Erythropoietin for Treating Diabetic Foot Ulcers. <i>Advances in Wound Care</i> , 2019, 8, 514-521.	2.6	9
69	Acceleration of Sensory Neural Regeneration and Wound Healing with Human Mesenchymal Stem Cells in Immunodeficient Rats. <i>Stem Cells</i> , 2007, 25, 2956-2963.	1.4	8
70	No Evidence of Association between 8q24 and Susceptibility to Nonsyndromic Cleft Lip with or without Palate in Japanese Population. <i>Cleft Palate-Craniofacial Journal</i> , 2012, 49, 714-717.	0.5	8
71	Evaluation of pain incidence due to venous malformation based on data from 85 institutions in Japan. <i>Journal of Vascular Surgery: Venous and Lymphatic Disorders</i> , 2020, 8, 244-250.	0.9	8
72	Ectopic bone formation facilitated by human mesenchymal stem cells and osteogenic cytokines via nutrient vessel injection in a nude rat model. <i>Wound Repair and Regeneration</i> , 2005, 13, 332-340.	1.5	7

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73	Traumatic Unilateral Temporomandibular Joint Dislocation Overlooked for More Than Two Decades. <i>Journal of Craniofacial Surgery</i> , 2007, 18, 1466-1470.	0.3	7
74	Japanese clinical practice guidelines for vascular anomalies 2017. <i>Pediatrics International</i> , 2020, 62, 260-307.	0.2	7
75	Topical Erythropoietin Accelerates Wound Closure in Patients with Diabetic Foot Ulcers: A Prospective, Multicenter, Single-Blind, Randomized, Controlled Trial. <i>Rejuvenation Research</i> , 2021, 24, 251-261.	0.9	7
76	Modified Coronal Incision: Distribution of Stress in the Scalp and Cranium. <i>Cleft Palate-Craniofacial Journal</i> , 1993, 30, 382-386.	0.5	6
77	Klippel-Trenaunay-Weber Syndrome Associated with Intra-abdominal Lymphangioma Requiring Multiple Surgical Interventions. <i>Annals of Plastic Surgery</i> , 1997, 39, 435-437.	0.5	6
78	Evaluation of the use of recombinant human basic fibroblast growth factor in combination with negative pressure wound therapy with instillation and dwell time in porcine full-thickness wound model. <i>Wound Repair and Regeneration</i> , 2017, 25, 972-975.	1.5	6
79	Japanese Clinical Practice Guidelines for Vascular Anomalies 2017. <i>Journal of Dermatology</i> , 2020, 47, e138-e183.	0.6	6
80	Cellular Mechanism Underlying Highly-Active or Antiretroviral Therapy-Induced Lipodystrophy: Atazanavir, a Protease Inhibitor, Compromises Adipogenic Conversion of Adipose-Derived Stem/Progenitor Cells through Accelerating ER Stress-Mediated Cell Death in Differentiating Adipocytes. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2114.	1.8	6
81	Vascular anomalies and wounds. <i>Journal of Tissue Viability</i> , 2013, 22, 103-111.	0.9	4
82	Lower Extremity Wounds in Patients With Idiopathic Thrombocytopenic Purpura and Systemic Lupus Erythematosus. <i>International Journal of Lower Extremity Wounds</i> , 2015, 14, 224-230.	0.6	4
83	Vascular Malformations That Were Diagnosed as or Accompanied by Malignant Tumors. <i>Dermatologic Surgery</i> , 2014, 40, 1225-1232.	0.4	3
84	Silver Sulfadiazine-Impregnated Hydrocolloid Dressing Is Beneficial in Split-Thickness Skin-Graft Donor Wound Healing in a Small Randomized Controlled Study. <i>International Journal of Lower Extremity Wounds</i> , 2016, 15, 338-343.	0.6	3
85	Cytokine-Dependent gp130 Receptor Subunit Regulates Rat Modified Axial-Pattern Epigastric Flap. <i>Journal of Investigative Surgery</i> , 2002, 15, 137-151.	0.6	2
86	Fatty acid potassium improves human dermal fibroblast viability and cytotoxicity, accelerating human epidermal keratinocyte wound healing in vitro and in human chronic wounds. <i>International Wound Journal</i> , 2021, 18, 467-477.	1.3	2
87	WUWHS 2012 "Better care, better life. <i>Journal of Wound Care</i> , 2012, 21, 357-357.	0.5	1
88	Treatment of Periorbital and Palpebral Arteriovenous Malformations. <i>Advances in Wound Care</i> , 2019, 8, 256-262.	2.6	1
89	Effects of Hand Hygiene Using 4% Chlorhexidine Gluconate or Natural Soap During Hand Rubbing Followed by Alcohol-Based 1% Chlorhexidine Gluconate Sanitizer Lotion in the Operating Room. <i>Advances in Wound Care</i> , 2022, 11, 1-9.	2.6	1
90	Prevention of Scar Using bFGF. , 2010, , 62-71.		1

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91	Surgical management of pressure ulcers. , 2012, , 143-155.		1
92	Reconstruction for local radiation injuries and proposed regeneration therapy for acute systemic radiation injuries. International Congress Series, 2007, 1299, 196-202.	0.2	0
93	Better Care, Better Life. International Journal of Lower Extremity Wounds, 2012, 11, 76-76.	0.6	0
94	Reply. Plastic and Reconstructive Surgery, 2017, 140, 762e-763e.	0.7	0
95	A Mutation in RYK Is a Genetic Factor for Nonsyndromic Cleft Lip and Palate. Cleft Palate-Craniofacial Journal, 2006, 43, 310.	0.5	0
96	Surgical Debridement. , 2015, , 257-263.		0
97	How to Manage Radiation Injuries. , 2015, , 71-74.		0
98	Infection Context: Necrotizing Fasciitis. , 2015, , 83-87.		0