Cheonghoon Seo

List of Publications by Year
in descending order

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82 papers	1,203 citations	393982 19 h-index	433756 31 g-index
83 all docs	83 docs citations	83 times ranked	1617 citing authors

#	Article	IF	Citations
1	Extended genetic effects of ADH cluster genes on the risk of alcohol dependence: from GWAS to replication. Human Genetics, 2013, 132, 657-668.	1.8	97
2	The effect of burn rehabilitation massage therapy on hypertrophic scar after burn: A randomized controlled trial. Burns, 2014, 40, 1513-1520.	1.1	95
3	The use of AlloDerm on major burn patients: AlloDerm prevents post-burn joint contracture. Burns, 2010, 36, 322-328.	1.1	80
4	The Effect of Extracorporeal Shock Wave Therapy on Myofascial Pain Syndrome. Annals of Rehabilitation Medicine, 2012, 36, 665.	0.6	65
5	Differential expressions of aquaporin subtypes in astroglia in the hippocampus of chronic epileptic rats. Neuroscience, 2009, 163, 781-789.	1.1	60
6	Extracorporeal Shock Wave Therapy Alters the Expression of Fibrosis-Related Molecules in Fibroblast Derived from Human Hypertrophic Scar. International Journal of Molecular Sciences, 2018, 19, 124.	1.8	42
7	Clinical study of cultured epithelial autografts in liquid suspension in severe burn patients. Burns, 2011, 37, 1067-1071.	1.1	38
8	The roles of fractalkine/CX3CR1 system in neuronal death following pilocarpine-induced status epilepticus. Journal of Neuroimmunology, 2011, 234, 93-102.	1.1	38
9	Astroglial Activation by an Enriched Environment after Transplantation of Mesenchymal Stem Cells Enhances Angiogenesis after Hypoxic-Ischemic Brain Injury. International Journal of Molecular Sciences, 2016, 17, 1550.	1.8	33
10	Neuregulin induces CTGF expression in hypertrophic scarring fibroblasts. Molecular and Cellular Biochemistry, 2012, 365, 181-189.	1.4	27
11	Effect of extracorporeal shock wave therapy on scar pain in burn patients. Medicine (United States), 2016, 95, e4575.	0.4	27
12	Efficacy of Naltrexone in the Treatment of Chronic Refractory Itching in Burn Patients: Preliminary Report of an Open Trial. Journal of Burn Care and Research, 2009, 30, 257-260.	0.2	25
13	The clinical utility of extracorporeal shock wave therapy for burn pruritus: A prospective, randomized, single-blind study. Burns, 2018, 44, 612-619.	1.1	24
14	The Application of Three-Dimensional Printed Finger Splints for Post Hand Burn Patients: A Case Series Investigation. Annals of Rehabilitation Medicine, 2018, 42, 634-638.	0.6	24
15	A clinical trial with a novel collagen dermal substitute for wound healing in burn patients. Biomaterials Science, 2020, 8, 823-829.	2.6	23
16	Effects of Virtual Reality-Based Rehabilitation on Burned Hands: A Prospective, Randomized, Single-Blind Study. Journal of Clinical Medicine, 2020, 9, 731.	1.0	23
17	Effects of a Skin Rehabilitation Nursing Program on Skin Status, Depression, and Burn-Specific Health in Burn Survivors. Rehabilitation Nursing, 2010, 35, 65-69.	0.3	19
18	Improvement of burn pain management through routine pain monitoring and pain management protocol. Burns, 2013, 39, 619-624.	1.1	19

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19	Wound Healing Potential of Low Temperature Plasma in Human Primary Epidermal Keratinocytes. Tissue Engineering and Regenerative Medicine, 2019, 16, 585-593.	1.6	19
20	The 5-item Alcohol Use Disorders Identification Test (AUDIT-5): An Effective Brief Screening Test for Problem Drinking, Alcohol Use Disorders and Alcohol Dependence. Alcohol and Alcoholism, 2013, 48, 68-73.	0.9	17
21	Suppression of scar formation in a murine burn wound model by the application of non-thermal plasma. Applied Physics Letters, 2011, 99, .	1.5	16
22	Change of serum phosphate level and clinical outcome of hypophosphatemia in massive burn patient. Journal of Trauma and Acute Care Surgery, 2012, 73, 1298-1302.	1.1	16
23	Low temperature plasma induces angiogenic growth factor via up-regulating hypoxiaâ€“inducible factor 1Î± in human dermal fibroblasts. Archives of Biochemistry and Biophysics, 2017, 630, 9-17.	1.4	16
24	CPEB1 or CPEB4 knockdown suppresses the TAK1 and Smad signalings in THP-1 macrophage-like cells and dermal fibroblasts. Archives of Biochemistry and Biophysics, 2020, 683, 108322.	1.4	15
25	Outcomes of Ultrasound-Guided Extracorporeal Shock Wave Therapy for Painful Stump Neuroma. Annals of Rehabilitation Medicine, 2014, 38, 523.	0.6	15
26	Multi-axis shoulder abduction splint in acute burn rehabilitation: a randomized controlled pilot trial. Clinical Rehabilitation, 2015, 29, 439-446.	1.0	14
27	Effects of sustained release growth hormone treatment during the rehabilitation of adult severe burn survivors. Growth Hormone and IGF Research, 2016, 27, 1-6.	0.5	14
28	Effects of Modified Dynamic Metacarpophalangeal Joint Flexion Orthoses after Hand Burn. Annals of Rehabilitation Medicine, 2011, 35, 880.	0.6	13
29	Sympathetic influence on biomechanical skin properties after spinal cord injury. Spinal Cord, 2011, 49, 236-243.	0.9	13
30	In Situ Pluripotency Factor Expression Promotes Functional Recovery From Cerebral Ischemia. Molecular Therapy, 2016, 24, 1538-1549.	3.7	13
31	Effects of pain Scrambler therapy for management of burn scar pruritus: A pilot study. Burns, 2017, 43, 514-519.	1.1	11
32	Differential nuclear factor-kappa B phosphorylation induced by lipopolysaccharide in the hippocampus of P2X7 receptor knockout mouse. Neurological Research, 2013, 35, 369-381.	0.6	10
33	Raman spectroscopy study of solution-processed In₂O₃ thin films: effect of annealing temperature on the characteristics of In₂O₃ semiconductors and thin-film transistors. Molecular Crystals and Liquid Crystals, 2019, 679, 38-47.	0.4	10
34	Effect of Combining Low Temperature Plasma, Negative Pressure Wound Therapy, and Bone Marrow Mesenchymal Stem Cells on an Acute Skin Wound Healing Mouse Model. International Journal of Molecular Sciences, 2020, 21, 3675.	1.8	10
35	Effect of extracorporeal shock wave therapy for burn scar regeneration: A prospective, randomized, double-blinded study. Burns, 2021, 47, 821-827.	1.1	10
36	The Factors Associated with Contact Burns from Therapeutic Modalities. Annals of Rehabilitation Medicine, 2012, 36, 688.	0.6	9

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37	Association Between HTR7 Genetic Polymorphisms and Alcohol Dependence, Using the Alcohol Use Disorders Identification Test (AUDIT). Alcoholism: Clinical and Experimental Research, 2014, 38, 2354-2361.	1.4	9
38	Clinical and Histopathological Features of Post Burn Pruritus. Journal of Burn Care and Research, 2016, 37, 343-349.	0.2	9
39	Therapeutic Potential of Resveratrol in Type I Gaucher Disease. Phytotherapy Research, 2015, 29, 835-839.	2.8	8
40	Preliminary Investigation of Pain-Related Changes in Cerebral Blood Volume in Patients With Phantom Limb Pain. Archives of Physical Medicine and Rehabilitation, 2017, 98, 2206-2212.	0.5	8
41	Clinical Utility of Extracorporeal Shock Wave Therapy on Hypertrophic Scars of the Hand Caused by Burn Injury: A Prospective, Randomized, Double-Blinded Study. Journal of Clinical Medicine, 2020, 9, 1376.	1.0	8
42	Frontal lobe oxyhemoglobin levels in patients with lower extremity burns assessed using a functional near-Infrared spectroscopy device during usual walking: a pilot study. Computer Methods in Biomechanics and Biomedical Engineering, 2021, 24, 115-121.	0.9	8
43	Transcranial magnetic stimulation can diagnose electrical burn-induced myelopathy. Burns, 2011, 37, 687-691.	1.1	7
44	Radiological and pathological evaluation of the spinal cord in a rat model of electrical injury-induced myelopathy. Burns, 2012, 38, 1066-1071.	1.1	7
45	Analysis of high-voltage electrical spinal cord injury using diffusion tensor imaging. Journal of Neurology, 2013, 260, 2876-2883.	1.8	7
46	Effects of a Modified Hand Compression Bandage for Treatment of Post-Burn Hand Edemas. Annals of Rehabilitation Medicine, 2016, 40, 341.	0.6	7
47	The Association Between Postburn Vitamin D Deficiency and the Biomechanical Properties of Hypertrophic Scars. Journal of Burn Care and Research, 2019, 40, 274-280.	0.2	6
48	The Effect of a Pulmonary Rehabilitation on Lung Function and Exercise Capacity in Patients with Burn: A Prospective Randomized Single-Blind Study. Journal of Clinical Medicine, 2020, 9, 2250.	1.0	6
49	Effect of extracorporeal shock wave therapy on keratinocytes derived from human hypertrophic scars. Scientific Reports, 2021, 11, 17296.	1.6	6
50	Effect of the Application of Virtual Reality on Pain Reduction and Cerebral Blood Flow in Robot-Assisted Gait Training in Burn Patients. Journal of Clinical Medicine, 2022, 11, 3762.	1.0	6
51	Changes of the Electrophysiological Study in Dogs with Acute Spinal Cord Injury. Korean Journal of Neurotrauma, 2014, 10, 1.	0.2	5
52	Autonomic nerve activity indexed using 24-h heart rate variability in patients with burns. Burns, 2018, 44, 834-840.	1.1	5
53	Work-related burn injuries and claims for post-traumatic stress disorder in Korea. Burns, 2019, 45, 461-465.	1.1	5
54	Effects of Robot-Assisted Gait Training in Patients with Burn Injury on Lower Extremity: A Single-Blind, Randomized Controlled Trial. Journal of Clinical Medicine, 2020, 9, 2813.	1.0	5

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55	Effectiveness of robot-assisted gait training on patients with burns: a preliminary study. Computer Methods in Biomechanics and Biomedical Engineering, 2020, 23, 888-893.	0.9	5
56	The association between vitamin D levels and burn factors in different burn types. Burns and Trauma, 2020, 8, tkaa018.	2.3	5
57	Relation Between Low Pulmonary Function and Skeletal Muscle Index in Burn Patients with Major Burn Injury and Smoke Inhalation: A Retrospective Study. Journal of Burn Care and Research, 2020, 41, 695-699.	0.2	5
58	Plastic Changes in Pain and Motor Network Induced by Chronic Burn Pain. Journal of Clinical Medicine, 2021, 10, 2592.	1.0	5
59	Altered KCa3.1 expression following burn injury and the therapeutic potential of TRAM-34 in post-burn hypertrophic scar formation. Translational Research, 2021, 236, 133-146.	2.2	5
60	Regenerative effect of combined laser and human stem cell-conditioned medium therapy on hypertrophic burn scar. Burns, 2023, 49, 870-876.	1.1	5
61	The effects of electrical shock on the expressions of aquaporin subunits in the rat spinal cords. Anatomy and Cell Biology, 2011, 44, 50.	0.5	4
62	Investigation of cognitive circuits using steady-state cerebral blood volume and diffusion tensor imaging in patients with mild cognitive impairment following electrical injury. Neuroradiology, 2017, 59, 915-921.	1.1	4
63	Burn and Amputations: A Retrospective Analysis 379 Amputation out of 19,958 Burns in 10-year. International Journal of Physical Medicine & Rehabilitation, 2018, 06, .	0.5	4
64	Crosstalk among adipose tissue, vitamin D level, and biomechanical properties of hypertrophic burn scars. Burns, 2019, 45, 1430-1437.	1.1	4
65	Comparison between the portable pressure measuring device and PicoPressÂ® for garment pressure measurement on hypertrophic burn scar during compression therapy. Burns, 2021, 47, 1621-1626.	1.1	4
66	Increased white matter diffusivity associated with phantom limb pain. Korean Journal of Pain, 2019, 32, 271-279.	0.8	4
67	Exosomes derived from human hypertrophic scar fibroblasts induces smad and TAK1 signaling in normal dermal fibroblasts. Archives of Biochemistry and Biophysics, 2022, 722, 109215.	1.4	4
68	An indirect electric field-induced control in directional migration of rat mesenchymal stem cells. Applied Physics Letters, 2014, 105, .	1.5	3
69	Effect of cold pack therapy for management of burn scar pruritus: A pilot study. Burns, 2018, 44, 1005-1010.	1.1	3
70	Electrical Stability of Solution-Processed Indium Oxide Thin-Film Transistors. Journal of Nanoscience and Nanotechnology, 2019, 19, 2371-2374.	0.9	3
71	Calpastatin-Mediated Inhibition of Calpain Ameliorates Skin Scar Formation after Burn Injury. International Journal of Molecular Sciences, 2021, 22, 5771.	1.8	3
72	Respiratory Characteristics in Patients With Major Burn Injury and Smoke Inhalation. Journal of Burn Care and Research, 2022, 43, 70-76.	0.2	3

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73	Effect of Extracorporeal Shock Wave Therapy on Muscle Mass and Function in Patients Undergoing Maintenance Hemodialysis: A Randomized Controlled Pilot Study. Ultrasound in Medicine and Biology, 2021, 47, 3202-3210.	0.7	3
74	Radial Deviation of Distal Interphalangeal Joint Because of Overuse of Hand Pincers Tool. American Journal of Physical Medicine and Rehabilitation, 2013, 92, 98-99.	0.7	1
75	Poster 24: Burn and Amputations: A Retrospective Analysis 379 Amputation out of 19,958 Burns in 10â€year. PM and R, 2017, 9, S148.	0.9	1
76	Balloon Catheter Dilatation for Treatment of a Patient With Cricopharyngeal Dysfunction After Thermal Burn Injury. Journal of Burn Care and Research, 2019, 40, 710-713.	0.2	1
77	Clinical Utility of an Exoskeleton Robot Using Three-Dimensional Scanner Modeling in Burn Patient: A Case Report. Journal of Burn Care and Research, 2021, 42, 1030-1034.	0.2	1
78	The Intra-rater reliability and validity of ultrasonography in the evaluation of hypertrophic scars caused by burns. Burns, 2023, 49, 344-352.	1.1	1
79	Clinical Outcome of Cryopreserved Acellular Dermal Matrix for Full-Thickness Burns. Macromolecular Research, 2018, 26, 780-787.	1.0	0
80	Response to Letter to the Editor â€œFocused extracorporeal shockwave therapy (ESWT) for burn-related pruritus â€" some technical considerationsâ€• Burns, 2020, 46, 239.	1.1	0
81	Itching among Burn Patients in the Rehabilitation Phase. Journal of Muscle and Joint Health, 2016, 23, 28-38.	0.4	0
82	70 Effect of of Virtual Reality on Pain Reduction in Robot Training in Burn Patients. Journal of Burn Care and Research, 2022, 43, S47-S48.	0.2	0