

# Cheonghoon Seo

## List of Publications by Year in descending order

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Version: 2024-02-01

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	The Intra-rater reliability and validity of ultrasonography in the evaluation of hypertrophic scars caused by burns. <i>Burns</i> , 2023, 49, 344-352.	1.1	1
2	Regenerative effect of combined laser and human stem cell-conditioned medium therapy on hypertrophic burn scar. <i>Burns</i> , 2023, 49, 870-876.	1.1	5
3	Respiratory Characteristics in Patients With Major Burn Injury and Smoke Inhalation. <i>Journal of Burn Care and Research</i> , 2022, 43, 70-76.	0.2	3
4	70 Effect of of Virtual Reality on Pain Reduction in Robot Training in Burn Patients. <i>Journal of Burn Care and Research</i> , 2022, 43, S47-S48.	0.2	0
5	Exosomes derived from human hypertrophic scar fibroblasts induces smad and TAK1 signaling in normal dermal fibroblasts. <i>Archives of Biochemistry and Biophysics</i> , 2022, 722, 109215.	1.4	4
6	Effect of the Application of Virtual Reality on Pain Reduction and Cerebral Blood Flow in Robot-Assisted Gait Training in Burn Patients. <i>Journal of Clinical Medicine</i> , 2022, 11, 3762.	1.0	6
7	Effect of extracorporeal shock wave therapy for burn scar regeneration: A prospective, randomized, double-blinded study. <i>Burns</i> , 2021, 47, 821-827.	1.1	10
8	Frontal lobe oxyhemoglobin levels in patients with lower extremity burns assessed using a functional near-Infrared spectroscopy device during usual walking: a pilot study. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2021, 24, 115-121.	0.9	8
9	Comparison between the portable pressure measuring device and PicoPress <sup>®</sup> for garment pressure measurement on hypertrophic burn scar during compression therapy. <i>Burns</i> , 2021, 47, 1621-1626.	1.1	4
10	Clinical Utility of an Exoskeleton Robot Using Three-Dimensional Scanner Modeling in Burn Patient: A Case Report. <i>Journal of Burn Care and Research</i> , 2021, 42, 1030-1034.	0.2	1
11	Calpastatin-Mediated Inhibition of Calpain Ameliorates Skin Scar Formation after Burn Injury. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5771.	1.8	3
12	Plastic Changes in Pain and Motor Network Induced by Chronic Burn Pain. <i>Journal of Clinical Medicine</i> , 2021, 10, 2592.	1.0	5
13	Effect of extracorporeal shock wave therapy on keratinocytes derived from human hypertrophic scars. <i>Scientific Reports</i> , 2021, 11, 17296.	1.6	6
14	Altered KCa3.1 expression following burn injury and the therapeutic potential of TRAM-34 in post-burn hypertrophic scar formation. <i>Translational Research</i> , 2021, 236, 133-146.	2.2	5
15	Effect of Extracorporeal Shock Wave Therapy on Muscle Mass and Function in Patients Undergoing Maintenance Hemodialysis: A Randomized Controlled Pilot Study. <i>Ultrasound in Medicine and Biology</i> , 2021, 47, 3202-3210.	0.7	3
16	Response to Letter to the Editor "Focused extracorporeal shockwave therapy (ESWT) for burn-related pruritus" some technical considerations. <i>Burns</i> , 2020, 46, 239.	1.1	0
17	A clinical trial with a novel collagen dermal substitute for wound healing in burn patients. <i>Biomaterials Science</i> , 2020, 8, 823-829.	2.6	23
18	The Effect of a Pulmonary Rehabilitation on Lung Function and Exercise Capacity in Patients with Burn: A Prospective Randomized Single-Blind Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 2250.	1.0	6

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19	Effects of Robot-Assisted Gait Training in Patients with Burn Injury on Lower Extremity: A Single-Blind, Randomized Controlled Trial. <i>Journal of Clinical Medicine</i> , 2020, 9, 2813.	1.0	5
20	Clinical Utility of Extracorporeal Shock Wave Therapy on Hypertrophic Scars of the Hand Caused by Burn Injury: A Prospective, Randomized, Double-Blinded Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 1376.	1.0	8
21	Effect of Combining Low Temperature Plasma, Negative Pressure Wound Therapy, and Bone Marrow Mesenchymal Stem Cells on an Acute Skin Wound Healing Mouse Model. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3675.	1.8	10
22	Effectiveness of robot-assisted gait training on patients with burns: a preliminary study. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2020, 23, 888-893.	0.9	5
23	Effects of Virtual Reality-Based Rehabilitation on Burned Hands: A Prospective, Randomized, Single-Blind Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 731.	1.0	23
24	CPEB1 or CPEB4 knockdown suppresses the TAK1 and Smad signalings in THP-1 macrophage-like cells and dermal fibroblasts. <i>Archives of Biochemistry and Biophysics</i> , 2020, 683, 108322.	1.4	15
25	The association between vitamin D levels and burn factors in different burn types. <i>Burns and Trauma</i> , 2020, 8, tkaa018.	2.3	5
26	Relation Between Low Pulmonary Function and Skeletal Muscle Index in Burn Patients with Major Burn Injury and Smoke Inhalation: A Retrospective Study. <i>Journal of Burn Care and Research</i> , 2020, 41, 695-699.	0.2	5
27	Raman spectroscopy study of solution-processed In <sub>2</sub> O <sub>3</sub> thin films: effect of annealing temperature on the characteristics of In <sub>2</sub> O <sub>3</sub> semiconductors and thin-film transistors. <i>Molecular Crystals and Liquid Crystals</i> , 2019, 679, 38-47.	0.4	10
28	Wound Healing Potential of Low Temperature Plasma in Human Primary Epidermal Keratinocytes. <i>Tissue Engineering and Regenerative Medicine</i> , 2019, 16, 585-593.	1.6	19
29	Work-related burn injuries and claims for post-traumatic stress disorder in Korea. <i>Burns</i> , 2019, 45, 461-465.	1.1	5
30	Crosstalk among adipose tissue, vitamin D level, and biomechanical properties of hypertrophic burn scars. <i>Burns</i> , 2019, 45, 1430-1437.	1.1	4
31	Balloon Catheter Dilatation for Treatment of a Patient With Cricopharyngeal Dysfunction After Thermal Burn Injury. <i>Journal of Burn Care and Research</i> , 2019, 40, 710-713.	0.2	1
32	The Association Between Postburn Vitamin D Deficiency and the Biomechanical Properties of Hypertrophic Scars. <i>Journal of Burn Care and Research</i> , 2019, 40, 274-280.	0.2	6
33	Electrical Stability of Solution-Processed Indium Oxide Thin-Film Transistors. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 2371-2374.	0.9	3
34	Increased white matter diffusivity associated with phantom limb pain. <i>Korean Journal of Pain</i> , 2019, 32, 271-279.	0.8	4
35	Effect of cold pack therapy for management of burn scar pruritus: A pilot study. <i>Burns</i> , 2018, 44, 1005-1010.	1.1	3
36	Autonomic nerve activity indexed using 24-h heart rate variability in patients with burns. <i>Burns</i> , 2018, 44, 834-840.	1.1	5

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37	The clinical utility of extracorporeal shock wave therapy for burn pruritus: A prospective, randomized, single-blind study. <i>Burns</i> , 2018, 44, 612-619.	1.1	24
38	Burn and Amputations: A Retrospective Analysis 379 Amputation out of 19,958 Burns in 10-year. <i>International Journal of Physical Medicine &amp; Rehabilitation</i> , 2018, 06, .	0.5	4
39	The Application of Three-Dimensional Printed Finger Splints for Post Hand Burn Patients: A Case Series Investigation. <i>Annals of Rehabilitation Medicine</i> , 2018, 42, 634-638.	0.6	24
40	Clinical Outcome of Cryopreserved Acellular Dermal Matrix for Full-Thickness Burns. <i>Macromolecular Research</i> , 2018, 26, 780-787.	1.0	0
41	Extracorporeal Shock Wave Therapy Alters the Expression of Fibrosis-Related Molecules in Fibroblast Derived from Human Hypertrophic Scar. <i>International Journal of Molecular Sciences</i> , 2018, 19, 124.	1.8	42
42	Preliminary Investigation of Pain-Related Changes in Cerebral Blood Volume in Patients With Phantom Limb Pain. <i>Archives of Physical Medicine and Rehabilitation</i> , 2017, 98, 2206-2212.	0.5	8
43	Low temperature plasma induces angiogenic growth factor via up-regulating hypoxia-inducible factor 1 $\alpha$ in human dermal fibroblasts. <i>Archives of Biochemistry and Biophysics</i> , 2017, 630, 9-17.	1.4	16
44	Poster 24: Burn and Amputations: A Retrospective Analysis 379 Amputation out of 19,958 Burns in 10-year. <i>PM and R</i> , 2017, 9, S148.	0.9	1
45	Investigation of cognitive circuits using steady-state cerebral blood volume and diffusion tensor imaging in patients with mild cognitive impairment following electrical injury. <i>Neuroradiology</i> , 2017, 59, 915-921.	1.1	4
46	Effects of pain Scrambler therapy for management of burn scar pruritus: A pilot study. <i>Burns</i> , 2017, 43, 514-519.	1.1	11
47	Effects of a Modified Hand Compression Bandage for Treatment of Post-Burn Hand Edemas. <i>Annals of Rehabilitation Medicine</i> , 2016, 40, 341.	0.6	7
48	Astroglial Activation by an Enriched Environment after Transplantation of Mesenchymal Stem Cells Enhances Angiogenesis after Hypoxic-Ischemic Brain Injury. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1550.	1.8	33
49	Clinical and Histopathological Features of Post Burn Pruritus. <i>Journal of Burn Care and Research</i> , 2016, 37, 343-349.	0.2	9
50	In Situ Pluripotency Factor Expression Promotes Functional Recovery From Cerebral Ischemia. <i>Molecular Therapy</i> , 2016, 24, 1538-1549.	3.7	13
51	Effect of extracorporeal shock wave therapy on scar pain in burn patients. <i>Medicine (United States)</i> , 2016, 95, e4575.	0.4	27
52	Effects of sustained release growth hormone treatment during the rehabilitation of adult severe burn survivors. <i>Growth Hormone and IGF Research</i> , 2016, 27, 1-6.	0.5	14
53	Itching among Burn Patients in the Rehabilitation Phase. <i>Journal of Muscle and Joint Health</i> , 2016, 23, 28-38.	0.4	0
54	Therapeutic Potential of Resveratrol in Type I Gaucher Disease. <i>Phytotherapy Research</i> , 2015, 29, 835-839.	2.8	8

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55	Multi-axis shoulder abduction splint in acute burn rehabilitation: a randomized controlled pilot trial. <i>Clinical Rehabilitation</i> , 2015, 29, 439-446.	1.0	14
56	Changes of the Electrophysiological Study in Dogs with Acute Spinal Cord Injury. <i>Korean Journal of Neurotrauma</i> , 2014, 10, 1.	0.2	5
57	Association Between <i>HTR7</i> Genetic Polymorphisms and Alcohol Dependence, Using the Alcohol Use Disorders Identification Test (AUDIT). <i>Alcoholism: Clinical and Experimental Research</i> , 2014, 38, 2354-2361.	1.4	9
58	The effect of burn rehabilitation massage therapy on hypertrophic scar after burn: A randomized controlled trial. <i>Burns</i> , 2014, 40, 1513-1520.	1.1	95
59	An indirect electric field-induced control in directional migration of rat mesenchymal stem cells. <i>Applied Physics Letters</i> , 2014, 105, .	1.5	3
60	Outcomes of Ultrasound-Guided Extracorporeal Shock Wave Therapy for Painful Stump Neuroma. <i>Annals of Rehabilitation Medicine</i> , 2014, 38, 523.	0.6	15
61	Extended genetic effects of ADH cluster genes on the risk of alcohol dependence: from GWAS to replication. <i>Human Genetics</i> , 2013, 132, 657-668.	1.8	97
62	Analysis of high-voltage electrical spinal cord injury using diffusion tensor imaging. <i>Journal of Neurology</i> , 2013, 260, 2876-2883.	1.8	7
63	Improvement of burn pain management through routine pain monitoring and pain management protocol. <i>Burns</i> , 2013, 39, 619-624.	1.1	19
64	Radial Deviation of Distal Interphalangeal Joint Because of Overuse of Hand Pincers Tool. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2013, 92, 98-99.	0.7	1
65	Differential nuclear factor-kappa B phosphorylation induced by lipopolysaccharide in the hippocampus of P2X7 receptor knockout mouse. <i>Neurological Research</i> , 2013, 35, 369-381.	0.6	10
66	The 5-item Alcohol Use Disorders Identification Test (AUDIT-5): An Effective Brief Screening Test for Problem Drinking, Alcohol Use Disorders and Alcohol Dependence. <i>Alcohol and Alcoholism</i> , 2013, 48, 68-73.	0.9	17
67	Change of serum phosphate level and clinical outcome of hypophosphatemia in massive burn patient. <i>Journal of Trauma and Acute Care Surgery</i> , 2012, 73, 1298-1302.	1.1	16
68	Radiological and pathological evaluation of the spinal cord in a rat model of electrical injury-induced myelopathy. <i>Burns</i> , 2012, 38, 1066-1071.	1.1	7
69	The Effect of Extracorporeal Shock Wave Therapy on Myofascial Pain Syndrome. <i>Annals of Rehabilitation Medicine</i> , 2012, 36, 665.	0.6	65
70	The Factors Associated with Contact Burns from Therapeutic Modalities. <i>Annals of Rehabilitation Medicine</i> , 2012, 36, 688.	0.6	9
71	Neuregulin induces CTGF expression in hypertrophic scarring fibroblasts. <i>Molecular and Cellular Biochemistry</i> , 2012, 365, 181-189.	1.4	27
72	Transcranial magnetic stimulation can diagnose electrical burn-induced myelopathy. <i>Burns</i> , 2011, 37, 687-691.	1.1	7

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73	Clinical study of cultured epithelial autografts in liquid suspension in severe burn patients. <i>Burns</i> , 2011, 37, 1067-1071.	1.1	38
74	Effects of Modified Dynamic Metacarpophalangeal Joint Flexion Orthoses after Hand Burn. <i>Annals of Rehabilitation Medicine</i> , 2011, 35, 880.	0.6	13
75	The effects of electrical shock on the expressions of aquaporin subunits in the rat spinal cords. <i>Anatomy and Cell Biology</i> , 2011, 44, 50.	0.5	4
76	Sympathetic influence on biomechanical skin properties after spinal cord injury. <i>Spinal Cord</i> , 2011, 49, 236-243.	0.9	13
77	The roles of fractalkine/CX3CR1 system in neuronal death following pilocarpine-induced status epilepticus. <i>Journal of Neuroimmunology</i> , 2011, 234, 93-102.	1.1	38
78	Suppression of scar formation in a murine burn wound model by the application of non-thermal plasma. <i>Applied Physics Letters</i> , 2011, 99, .	1.5	16
79	Effects of a Skin Rehabilitation Nursing Program on Skin Status, Depression, and Burn-Specific Health in Burn Survivors. <i>Rehabilitation Nursing</i> , 2010, 35, 65-69.	0.3	19
80	The use of AlloDerm on major burn patients: AlloDerm prevents post-burn joint contracture. <i>Burns</i> , 2010, 36, 322-328.	1.1	80
81	Differential expressions of aquaporin subtypes in astroglia in the hippocampus of chronic epileptic rats. <i>Neuroscience</i> , 2009, 163, 781-789.	1.1	60
82	Efficacy of Naltrexone in the Treatment of Chronic Refractory Itching in Burn Patients: Preliminary Report of an Open Trial. <i>Journal of Burn Care and Research</i> , 2009, 30, 257-260.	0.2	25