

Seong-Woong Kang

List of Publications by Year in descending order

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56
papers

1,094
citations

567281

15
h-index

414414

32
g-index

57
all docs

57
docs citations

57
times ranked

990
citing authors

#	ARTICLE	IF	CITATIONS
1	Maximum Insufflation Capacity. Chest, 2000, 118, 61-65.	0.8	215
2	Maximum Insufflation Capacity. American Journal of Physical Medicine and Rehabilitation, 2000, 79, 222-227.	1.4	173
3	How Respiratory Muscle Strength Correlates with Cough Capacity in Patients with Respiratory Muscle Weakness. Yonsei Medical Journal, 2010, 51, 392.	2.2	93
4	Disorders of Ventilation. Chest, 2000, 117, 301-303.	0.8	68
5	Respiratory Muscle Strength and Cough Capacity in Patients with Duchenne Muscular Dystrophy. Yonsei Medical Journal, 2006, 47, 184.	2.2	62
6	Pulmonary Rehabilitation in Patients with Neuromuscular Disease. Yonsei Medical Journal, 2006, 47, 307.	2.2	42
7	Percutaneous Radiologic Gastrostomy in Patients With Amyotrophic Lateral Sclerosis on Noninvasive Ventilation. Archives of Physical Medicine and Rehabilitation, 2009, 90, 1026-1029.	0.9	33
8	Three Cases of Manifesting Female Carriers in Patients with Duchenne Muscular Dystrophy. Yonsei Medical Journal, 2011, 52, 192.	2.2	32
9	A Comparison of Cough Assistance Techniques in Patients with Respiratory Muscle Weakness. Yonsei Medical Journal, 2016, 57, 1488.	2.2	26
10	Elucidation of Relevant Neuroinflammation Mechanisms Using Gene Expression Profiling in Patients with Amyotrophic Lateral Sclerosis. PLoS ONE, 2016, 11, e0165290.	2.5	25
11	Effects of constraint-induced movement therapy on neurogenesis and functional recovery after early hypoxic-ischemic injury in mice. Developmental Medicine and Child Neurology, 2011, 53, 327-333.	2.1	22
12	Respiratory Muscle Strength in Patients With Chronic Obstructive Pulmonary Disease. Annals of Rehabilitation Medicine, 2017, 41, 659.	1.6	22
13	Reducibility of Cervical Disk Herniation: Evaluation at MR Imaging during Cervical Traction with a Nonmagnetic Traction Device. Radiology, 2002, 225, 895-900.	7.3	17
14	Correlation of Serum Creatine Kinase Level With Pulmonary Function in Duchenne Muscular Dystrophy. Annals of Rehabilitation Medicine, 2017, 41, 306.	1.6	17
15	Sleep Transcutaneous vs. End-Tidal CO ₂ Monitoring for Patients with Neuromuscular Disease. American Journal of Physical Medicine and Rehabilitation, 2016, 95, 91-95.	1.4	16
16	Multiplex Ligation-Dependent Probe Amplification in X-linked Recessive Muscular Dystrophy in Korean Subjects. Yonsei Medical Journal, 2017, 58, 613.	2.2	16
17	Outcomes of Cardiac Involvement in Patients with Late-Stage Duchenne Muscular Dystrophy under Management in the Pulmonary Rehabilitation Center of a Tertiary Referral Hospital. Cardiology, 2012, 121, 186-193.	1.4	15
18	Correlation Between Voluntary Cough and Laryngeal Cough Reflex Flows in Patients With Traumatic Brain Injury. Archives of Physical Medicine and Rehabilitation, 2013, 94, 1580-1583.	0.9	15

#	ARTICLE	IF	CITATIONS
19	Environmental Enrichment Attenuates Oxidative Stress and Alters Detoxifying Enzymes in an A53T α -Synuclein Transgenic Mouse Model of Parkinson's Disease. <i>Antioxidants</i> , 2020, 9, 928.	5.1	13
20	Comparison of Clinical Characteristics Between Congenital Fiber Type Disproportion Myopathy and Congenital Myopathy with Type 1 Fiber Predominance. <i>Yonsei Medical Journal</i> , 2006, 47, 513.	2.2	11
21	External Control of Exhalation for Cough Assistance: A Method for Patients With Glottis Dysfunction and/or Tracheostomy. <i>Archives of Physical Medicine and Rehabilitation</i> , 2009, 90, 1402-1407.	0.9	11
22	Cough assistance device for patients with glottis dysfunction and/or tracheostomy. <i>Journal of Rehabilitation Medicine</i> , 2012, 44, 351-354.	1.1	11
23	Postural vital capacity difference with aging in duchenne muscular dystrophy. <i>Muscle and Nerve</i> , 2015, 52, 722-727.	2.2	11
24	Successful Extubation After Weaning Failure by Noninvasive Ventilation in Patients With Neuromuscular Disease: Case Series. <i>Annals of Rehabilitation Medicine</i> , 2017, 41, 450.	1.6	9
25	Five-Year Follow-Up and Outcomes of Noninvasive Ventilation in Subjects With Neuromuscular Diseases. <i>Respiratory Care</i> , 2018, 63, 274-281.	1.6	8
26	Epidemiology and diagnostic process of amyotrophic lateral sclerosis as distinct from myelopathy: 5-year cohort study of whole-population in South Korea. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2018, 19, 547-554.	1.7	8
27	Clinical implication of maximal voluntary ventilation in myotonic muscular dystrophy. <i>Medicine (United States)</i> , 2019, 98, e15321.	1.0	8
28	Myocardial atrophy in children with mitochondrial disease and Duchenne muscular dystrophy. <i>Korean Journal of Pediatrics</i> , 2014, 57, 232.	1.9	8
29	Fluoroscopy-Guided Percutaneous Gastrostomy With Pull Technique for the Amyotrophic Lateral Sclerosis Patients With Very Low Vital Capacity. <i>Journal of Parenteral and Enteral Nutrition</i> , 2010, 34, 421-425.	2.6	7
30	Clinical Implications of Assisted Peak Cough Flow Measured With an External Glottic Control Device for Tracheostomy Decannulation in Patients With Neuromuscular Diseases and Cervical Spinal Cord Injuries: A Pilot Study. <i>Archives of Physical Medicine and Rehabilitation</i> , 2016, 97, 1509-1514.	0.9	7
31	Relationship between Eating and Digestive Symptoms and Respiratory Function in Advanced Duchenne Muscular Dystrophy Patients. <i>Journal of Neuromuscular Diseases</i> , 2020, 7, 101-107.	2.6	7
32	The Significance of Transcutaneous Continuous Overnight CO ₂ Monitoring in Determining Initial Mechanical Ventilator Application for Patients with Neuromuscular Disease. <i>Annals of Rehabilitation Medicine</i> , 2012, 36, 126.	1.6	7
33	The association between cardiac involvement and long-term clinical outcomes in patients with Duchenne muscular dystrophy. <i>ESC Heart Failure</i> , 2022, 9, 2199-2206.	3.1	7
34	Clinical Course of Amyotrophic Lateral Sclerosis according to Initial Symptoms: An Analysis of 500 Cases. <i>Yonsei Medical Journal</i> , 2021, 62, 338.	2.2	6
35	Improvement of Peak Cough Flow After the Application of a Mechanical In-exsufflator in Patients With Neuromuscular Disease and Pneumonia: A Pilot Study. <i>Annals of Rehabilitation Medicine</i> , 2018, 42, 833-837.	1.6	6
36	Artificial External Glottic Device for Passive Lung Insufflation. <i>Yonsei Medical Journal</i> , 2011, 52, 972.	2.2	5

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37	Interlimb interaction and stabilization of contralateral leg in isokinetic knee evaluation. Archives of Physical Medicine and Rehabilitation, 1997, 78, 497-500.	0.9	4
38	Home Mechanical Ventilation in South Korea. Yonsei Medical Journal, 2014, 55, 1729.	2.2	4
39	Analysis of Pneumothorax in Noninvasive Ventilator Users With Duchenne Muscular Dystrophy. Chest, 2021, 159, 1540-1547.	0.8	4
40	Clinical and genetic spectra in patients with dystrophinopathy in Korea: A single-center study. PLoS ONE, 2021, 16, e0255011.	2.5	4
41	Pulmonary rehabilitation in high cervical spinal cord injury: a series of 133 consecutive cases. Spinal Cord, 2022, 60, 1014-1019.	1.9	4
42	Long-Term Outcome of Amyotrophic Lateral Sclerosis in Korean Subjects. Annals of Rehabilitation Medicine, 2017, 41, 1055.	1.6	3
43	Pulmonary rehabilitation. Journal of the Korean Medical Association, 2016, 59, 705.	0.3	2
44	Nutritional Status and Body Composition in Korean Myopathy Patients. Clinical Nutrition Research, 2016, 5, 43.	1.2	2
45	Management of Ventilatory Insufficiency in Neuromuscular Patients Using Mechanical Ventilator Supported by the Korean Government. Journal of Korean Medical Science, 2016, 31, 976.	2.5	2
46	Precise Pulmonary Function Evaluation and Management of a Patient With Freeman-Sheldon Syndrome Associated With Recurrent Pneumonia and Chronic Respiratory Insufficiency. Annals of Rehabilitation Medicine, 2020, 44, 165-170.	1.6	2
47	Remarkable improvement in a very severe chronic obstructive pulmonary disorder patient after use of noninvasive intermittent positive pressure ventilator. Medicine (United States), 2018, 97, e12877.	1.0	1
48	Correlation of Bone Mineral Density with Pulmonary Function in Advanced Duchenne Muscular Dystrophy. PM and R, 2021, 13, 166-170.	1.6	1
49	Motor Neuron Disease Presenting With Acute Respiratory Failure: A Case Study. Annals of Rehabilitation Medicine, 2017, 41, 328.	1.6	1
50	Exo-Abs: A Wearable Robotic System Inspired by Human Abdominal Muscles for Noninvasive and Effort-Synchronized Respiratory Assistance. IEEE Transactions on Robotics, 2022, 38, 2994-3014.	10.3	1
51	Can radial bone mineral density predict spinal bone mineral density in patients with advanced Duchenne muscular dystrophy?. Medicine (United States), 2018, 97, e12303.	1.0	0
52	Overview of Pulmonary Rehabilitation. Annals of CardioPulmonary Rehabilitation, 2021, 1, 1-5.	0.4	0
53	Response. Chest, 2021, 160, e325-e326.	0.8	0
54	In Reply: Successful Extubation After Weaning Failure by Non-invasive Ventilation in Patients With Neuromuscular Disease – Do We Appreciate the Bigger Picture?. Annals of Rehabilitation Medicine, 2017, 41, 899.	1.6	0

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55	Response: Precise Pulmonary Function Evaluation and Management of a Patient With Freeman-Sheldon Syndrome Associated With Recurrent Pneumonia and Chronic Respiratory Insufficiency (Ann Rehabil Tj ETQq1 1 0jz84314 rgBT /Ove	2.2	0
56	Clinical Implications of Routine Monitoring of Pulmonary Function and Ventilation in Patients with Duchenne Muscular Dystrophy. Yonsei Medical Journal, 2022, 63, 578.	2.2	0