

# Mansang Wong

## List of Publications by Year in descending order

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32  
papers

756  
citations

586496

16  
h-index

591227

27  
g-index

32  
all docs

32  
docs citations

32  
times ranked

645  
citing authors

#	ARTICLE	IF	CITATIONS
1	A purpose-design computational method for estimation of plane of maximum curvature in Adolescent Idiopathic Scoliosis. <i>Studies in Health Technology and Informatics</i> , 2021, 280, 40-45.	0.2	0
2	Study of Textile Fabric Materials used in Spinal Braces for Scoliosis. <i>Journal of Medical and Biological Engineering</i> , 2020, 40, 356-371.	1.0	8
3	Relative effectiveness of different forms of exercises for treatment of chronic low back pain: protocol for a systematic review incorporating Bayesian network meta-analysis. <i>BMJ Open</i> , 2019, 9, e025971.	0.8	5
4	Could the Clinical Effectiveness Be Improved Under the Integration of Orthotic Intervention and Scoliosis-Specific Exercise in Managing Adolescent Idiopathic Scoliosis?. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2019, 98, 642-648.	0.7	22
5	Whether Orthotic Management and Exercise are Equally Effective to the Patients With Adolescent Idiopathic Scoliosis in Mainland China?. <i>Spine</i> , 2018, 43, E494-E503.	1.0	31
6	Study of main and cross-over effects on pressure relief among body mass index (BMI), body position and supporting material properties. <i>Medical Engineering and Physics</i> , 2018, 51, 72-78.	0.8	6
7	A Case-Control Study of Body Composition, Prevalence, and Curve Severity of the Patients With Adolescent Idiopathic Scoliosis in the East Part of China. <i>Spine Deformity</i> , 2017, 5, 374-380.	0.7	7
8	Epidemiological study of adolescent idiopathic scoliosis in Eastern China. <i>Journal of Rehabilitation Medicine</i> , 2017, 49, 512-519.	0.8	33
9	The Spatial Structure Changes of Thigh Arterial Trees After Transfemoral Amputation: Case Studies. <i>Journal of Medical Imaging and Health Informatics</i> , 2016, 6, 688-692.	0.2	0
10	Reliability and Validity Study of Clinical Ultrasound Imaging on Lateral Curvature of Adolescent Idiopathic Scoliosis. <i>PLoS ONE</i> , 2015, 10, e0135264.	1.1	32
11	REVIEW: HEMODYNAMIC STUDIES FOR LOWER LIMB AMPUTATION AND REHABILITATION. <i>Journal of Mechanics in Medicine and Biology</i> , 2015, 15, 1530005.	0.3	2
12	Time-Dependent Response of Scoliotic Curvature to Orthotic Intervention. <i>Spine</i> , 2014, 39, 1408-1416.	1.0	16
13	Development of a smart garment to reduce kyphosis during daily living. <i>Medical and Biological Engineering and Computing</i> , 2012, 50, 1147-1154.	1.6	15
14	Could clinical ultrasound improve the fitting of spinal orthosis for the patients with AIS?. <i>European Spine Journal</i> , 2012, 21, 1926-1935.	1.0	37
15	The effect of pressure pad location of spinal orthosis on the treatment of adolescent idiopathic scoliosis (AIS). <i>Studies in Health Technology and Informatics</i> , 2012, 176, 375-8.	0.2	3
16	Computer-aided design and computer-aided manufacture (CAD/CAM) system for construction of spinal orthosis for patients with adolescent idiopathic scoliosis. <i>Physiotherapy Theory and Practice</i> , 2011, 27, 74-79.	0.6	17
17	Application of 3-D ultrasound in assisting the fitting procedure of spinal orthosis to patients with adolescent idiopathic scoliosis. <i>Studies in Health Technology and Informatics</i> , 2010, 158, 34-7.	0.2	13
18	The effect of rigid versus flexible spinal orthosis on the gait pattern of patients with adolescent idiopathic scoliosis. <i>Gait and Posture</i> , 2008, 27, 189-195.	0.6	26

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19	The effect of backpack weight on the standing posture and balance of schoolgirls with adolescent idiopathic scoliosis and normal controls. <i>Gait and Posture</i> , 2006, 24, 173-181.	0.6	97
20	Measurement of Garment Bagging Deformation Using a 3D Laser Scanning Method. <i>Research Journal of Textile and Apparel</i> , 2006, 10, 10-18.	0.6	3
21	The effect of load carriage on the gait of girls with adolescent idiopathic scoliosis and normal controls. <i>Medical Engineering and Physics</i> , 2006, 28, 430-437.	0.8	28
22	Curve Correction Effect of Rigid Spinal Orthosis in Different Recumbent Positions in Adolescent Idiopathic Scoliosis (AIS). <i>Prosthetics and Orthotics International</i> , 2006, 30, 136-144.	0.5	1
23	A work study of the CAD/CAM method and conventional manual method in the fabrication of spinal orthoses for patients with adolescent idiopathic scoliosis. <i>Prosthetics and Orthotics International</i> , 2005, 29, 93-104.	0.5	28
24	A comparison of treatment effectiveness between the CAD/CAM method and the manual method for managing adolescent idiopathic scoliosis. <i>Prosthetics and Orthotics International</i> , 2005, 29, 105-111.	0.5	47
25	The effect of backpack load on the gait of normal adolescent girls. <i>Ergonomics</i> , 2005, 48, 642-656.	1.1	127
26	Enhancement of prosthetics and orthotics learning and teaching through e-Learning technology and methodology. <i>Prosthetics and Orthotics International</i> , 2004, 28, 55-59.	0.5	7
27	Critical review on non-operative management of adolescent idiopathic scoliosis. <i>Prosthetics and Orthotics International</i> , 2003, 27, 242-253.	0.5	16
28	Effect of different casting methods on adolescent idiopathic scoliosis. <i>Prosthetics and Orthotics International</i> , 2003, 27, 121-131.	0.5	7
29	Effect of using prismatic eye lenses on the posture of patients with adolescent idiopathic scoliosis measured by 3-D motion analysis. <i>Prosthetics and Orthotics International</i> , 2002, 26, 139-153.	0.5	6
30	Effectiveness of audio-biofeedback in postural training for adolescent idiopathic scoliosis patients. <i>Prosthetics and Orthotics International</i> , 2001, 25, 60-70.	0.5	33
31	Effectiveness and biomechanics of spinal orthoses in the treatment of adolescent idiopathic scoliosis (AIS). <i>Prosthetics and Orthotics International</i> , 2000, 24, 148-162.	0.5	56
32	Biomechanical evaluation of the Milwaukee brace. <i>Prosthetics and Orthotics International</i> , 1998, 22, 54-67.	0.5	27