

# Jack Chun-Yiu Cheng

## List of Publications by Citations

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325  
papers

10,042  
citations

53  
h-index

83  
g-index

346  
ext. papers

11,522  
ext. citations

3.7  
avg, IF

5.77  
L-index

#	Paper	IF	Citations
325	Adolescent idiopathic scoliosis. <i>Lancet, The</i> , <b>2008</b> , 371, 1527-37	40	684
324	The clinical presentation and outcome of treatment of congenital muscular torticollis in infants--a study of 1,086 cases. <i>Journal of Pediatric Surgery</i> , <b>2000</b> , 35, 1091-6	2.6	202
323	Double-blind, controlled calcium supplementation and bone mineral accretion in children accustomed to a low-calcium diet. <i>American Journal of Clinical Nutrition</i> , <b>1994</b> , 60, 744-50	7	192
322	Adolescent idiopathic scoliosis. <i>Nature Reviews Disease Primers</i> , <b>2015</b> , 1, 15030	51.1	184
321	Infantile Torticollis. <i>Journal of Pediatric Orthopaedics</i> , <b>1994</b> , 14, 802-808	2.4	180
320	Clinical determinants of the outcome of manual stretching in the treatment of congenital muscular torticollis in infants. A prospective study of eight hundred and twenty-one cases. <i>Journal of Bone and Joint Surgery - Series A</i> , <b>2001</b> , 83, 679-87	5.6	180
319	A follow-up study on the effects of calcium-supplement withdrawal and puberty on bone acquisition of children. <i>American Journal of Clinical Nutrition</i> , <b>1996</b> , 64, 71-7	7	159
318	Relative anterior spinal overgrowth in adolescent idiopathic scoliosis. Results of disproportionate endochondral-membranous bone growth. <i>Journal of Bone and Joint Surgery: British Volume</i> , <b>2003</b> , 85, 1026-31		149
317	Generalized low areal and volumetric bone mineral density in adolescent idiopathic scoliosis. <i>Journal of Bone and Mineral Research</i> , <b>2000</b> , 15, 1587-95	6.3	132
316	Closed reduction and percutaneous pinning for type III displaced supracondylar fractures of the humerus in children. <i>Journal of Orthopaedic Trauma</i> , <b>1995</b> , 9, 511-5	3.1	123
315	The effect of hyaluronan on osteoblast proliferation and differentiation in rat calvarial-derived cell cultures. <i>Journal of Biomedical Materials Research Part B</i> , <b>2003</b> , 66, 880-4		122
314	A randomized double-blind controlled calcium supplementation trial, and bone and height acquisition in children. <i>British Journal of Nutrition</i> , <b>1995</b> , 74, 125-39	3.6	119
313	Mechanical properties of normal skin and hypertrophic scars. <i>Burns</i> , <b>1996</b> , 22, 443-6	2.3	118
312	Abnormal peri-pubertal anthropometric measurements and growth pattern in adolescent idiopathic scoliosis: a study of 598 patients. <i>Spine</i> , <b>2003</b> , 28, 2152-7	3.3	114
311	The effect of backpack load on the gait of normal adolescent girls. <i>Ergonomics</i> , <b>2005</b> , 48, 642-56	2.9	110
310	Pressure therapy in the treatment of post-burn hypertrophic scar--a critical look into its usefulness and fallacies by pressure monitoring. <i>Burns</i> , <b>1984</b> , 10, 154-63	2.3	109
309	Top theories for the etiopathogenesis of adolescent idiopathic scoliosis. <i>Journal of Pediatric Orthopaedics</i> , <b>2011</b> , 31, S14-27	2.4	108

308	Persistent osteopenia in adolescent idiopathic scoliosis. A longitudinal follow up study. <i>Spine</i> , <b>1999</b> , 24, 1218-22	3.3	106
307	Melatonin receptor 1B (MTNR1B) gene polymorphism is associated with the occurrence of adolescent idiopathic scoliosis. <i>Spine</i> , <b>2007</b> , 32, 1748-53	3.3	105
306	The Chinese Visible Human (CVH) datasets incorporate technical and imaging advances on earlier digital humans. <i>Journal of Anatomy</i> , <b>2004</b> , 204, 165-73	2.9	98
305	Imaging of musculoskeletal tuberculosis: a new look at an old disease. <i>Clinical Orthopaedics and Related Research</i> , <b>2002</b> , 32-9	2.2	97
304	Balance control in adolescents with idiopathic scoliosis and disturbed somatosensory function. <i>Spine</i> , <b>2006</b> , 31, E437-40	3.3	96
303	A meta-analysis of the clinical effectiveness of school scoliosis screening. <i>Spine</i> , <b>2010</b> , 35, 1061-71	3.3	95
302	Clinical effectiveness of school screening for adolescent idiopathic scoliosis: a large population-based retrospective cohort study. <i>Spine</i> , <b>2010</b> , 35, 1607-14	3.3	89
301	Osteopenia: a new prognostic factor of curve progression in adolescent idiopathic scoliosis. <i>Journal of Bone and Joint Surgery - Series A</i> , <b>2005</b> , 87, 2709-2716	5.6	84
300	Osteopenia in adolescent idiopathic scoliosis. A primary problem or secondary to the spinal deformity?. <i>Spine</i> , <b>1997</b> , 22, 1716-21	3.3	83
299	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> , <b>2006</b> , 24, 173-81	2.6	80
298	Association of osteopenia with curve severity in adolescent idiopathic scoliosis: a study of 919 girls. <i>Osteoporosis International</i> , <b>2005</b> , 16, 1924-32	5.3	79
297	Sternocleidomastoid pseudotumor and congenital muscular torticollis in infants: a prospective study of 510 cases. <i>Journal of Pediatrics</i> , <b>1999</b> , 134, 712-6	3.6	79
296	Rare variants in FBN1 and FBN2 are associated with severe adolescent idiopathic scoliosis. <i>Human Molecular Genetics</i> , <b>2014</b> , 23, 5271-82	5.6	78
295	Genome-wide association study identifies new susceptibility loci for adolescent idiopathic scoliosis in Chinese girls. <i>Nature Communications</i> , <b>2015</b> , 6, 8355	17.4	76
294	Promoter polymorphism of matrilin-1 gene predisposes to adolescent idiopathic scoliosis in a Chinese population. <i>European Journal of Human Genetics</i> , <b>2009</b> , 17, 525-32	5.3	76
293	Correlation between curve severity, somatosensory evoked potentials, and magnetic resonance imaging in adolescent idiopathic scoliosis. <i>Spine</i> , <b>1999</b> , 24, 1679-84	3.3	75
292	A reliability and validity study for Scolioscan: a radiation-free scoliosis assessment system using 3D ultrasound imaging. <i>Scoliosis and Spinal Disorders</i> , <b>2016</b> , 11, 13	1.7	73
291	Discrepancy between radiographic shoulder balance and cosmetic shoulder balance in adolescent idiopathic scoliosis patients with double thoracic curve. <i>European Spine Journal</i> , <b>2009</b> , 18, 45-51	2.7	72

290	The effect of rigid versus flexible spinal orthosis on the clinical efficacy and acceptance of the patients with adolescent idiopathic scoliosis. <i>Spine</i> , <b>2008</b> , 33, 1360-5	3.3	72
289	Relative shortening and functional tethering of spinal cord in adolescent idiopathic scoliosis?: study with multiplanar reformat magnetic resonance imaging and somatosensory evoked potential. <i>Spine</i> , <b>2006</b> , 31, E19-25	3.3	71
288	Bone mineral acquisition in low calcium intake children following the withdrawal of calcium supplement. <i>Acta Paediatrica, International Journal of Paediatrics</i> , <b>1997</b> , 86, 570-6	3.1	69
287	Generalized osteopenia in adolescent idiopathic scoliosis--association with abnormal pubertal growth, bone turnover, and calcium intake?. <i>Spine</i> , <b>2006</b> , 31, 330-8	3.3	67
286	A virtual-reality training system for knee arthroscopic surgery. <i>IEEE Transactions on Information Technology in Biomedicine</i> , <b>2004</b> , 8, 217-27		67
285	Phytomolecule icaritin incorporated PLGA/TCP scaffold for steroid-associated osteonecrosis: Proof-of-concept for prevention of hip joint collapse in bipedal emus and mechanistic study in quadrupedal rabbits. <i>Biomaterials</i> , <b>2015</b> , 59, 125-43	15.6	66
284	Three-dimensional characterization of torsion and asymmetry of the intervertebral discs versus vertebral bodies in adolescent idiopathic scoliosis. <i>Spine</i> , <b>2014</b> , 39, E1159-66	3.3	66
283	Generalized low bone mass of girls with adolescent idiopathic scoliosis is related to inadequate calcium intake and weight bearing physical activity in peripubertal period. <i>Osteoporosis International</i> , <b>2005</b> , 16, 1024-35	5.3	65
282	Translation of the radius as a predictor of outcome in distal radial fractures of children. <i>Journal of Bone and Joint Surgery: British Volume</i> , <b>1993</b> , 75, 808-11		64
281	Decompression and Stable Internal Fixation of Femoral Neck Fractures in Children Can Affect the Outcome. <i>Journal of Pediatric Orthopaedics</i> , <b>1999</b> , 19, 338-343	2.4	64
280	Ultrasonography of congenital muscular torticollis. <i>Pediatric Radiology</i> , <b>1992</b> , 22, 356-60	2.8	61
279	Joint laxity in children. <i>Journal of Pediatric Orthopaedics</i> , <b>1991</b> , 11, 752-6	2.4	60
278	A meta-analysis identifies adolescent idiopathic scoliosis association with LBX1 locus in multiple ethnic groups. <i>Journal of Medical Genetics</i> , <b>2014</b> , 51, 401-6	5.8	58
277	Genetic association of complex traits: using idiopathic scoliosis as an example. <i>Clinical Orthopaedics and Related Research</i> , <b>2007</b> , 462, 38-44	2.2	58
276	Dose-dependent effect of low-intensity pulsed ultrasound on callus formation during rapid distraction osteogenesis. <i>Journal of Orthopaedic Research</i> , <b>2006</b> , 24, 2072-9	3.8	57
275	Radiation dose of digital radiography (DR) versus micro-dose x-ray (EOS) on patients with adolescent idiopathic scoliosis: 2016 SOSORT- IRSSD "John Sevastic Award" Winner in Imaging Research. <i>Scoliosis and Spinal Disorders</i> , <b>2016</b> , 11, 46	1.7	56
274	Acute elbow trauma in children: spectrum of injury revealed by MR imaging not apparent on radiographs. <i>American Journal of Roentgenology</i> , <b>2001</b> , 176, 53-60	5.4	55
273	Relative anterior spinal overgrowth in adolescent idiopathic scoliosis--result of disproportionate endochondral-membranous bone growth? Summary of an electronic focus group debate of the IBSE. <i>European Spine Journal</i> , <b>2005</b> , 14, 862-73	2.7	54

272	Low intensity pulsed ultrasound accelerated bone remodeling during consolidation stage of distraction osteogenesis. <i>Journal of Orthopaedic Research</i> , <b>2006</b> , 24, 263-70	3.8	53
271	Correlation of ultrasonographic imaging of congenital muscular torticollis with clinical assessment in infants. <i>Ultrasound in Medicine and Biology</i> , <b>2000</b> , 26, 1237-41	3.5	51
270	Outcome of Surgical Treatment of Congenital Muscular Torticollis. <i>Clinical Orthopaedics and Related Research</i> , <b>1999</b> , 362, 190-200	2.2	51
269	Automatic Localization and Identification of Vertebrae in Spine CT via a Joint Learning Model with Deep Neural Networks. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 515-522	0.9	51
268	A relook into the association of the estrogen receptor [alpha] gene (PvuII, XbaI) and adolescent idiopathic scoliosis: a study of 540 Chinese cases. <i>Spine</i> , <b>2006</b> , 31, 2463-8	3.3	50
267	Angular and rotational profile of the lower limb in 2,630 Chinese children. <i>Journal of Pediatric Orthopaedics</i> , <b>1991</b> , 11, 154-61	2.4	50
266	Polydactyly of the thumb: a surgical plan based on ninety-five cases. <i>Journal of Hand Surgery</i> , <b>1984</b> , 9, 155-64	2.6	49
265	Automatic MRI segmentation and morphoanatomy analysis of the vestibular system in adolescent idiopathic scoliosis. <i>NeuroImage</i> , <b>2011</b> , 54 Suppl 1, S180-8	7.9	48
264	Abnormal leptin bioavailability in adolescent idiopathic scoliosis: an important new finding. <i>Spine</i> , <b>2012</b> , 37, 599-604	3.3	48
263	An analysis of 1704 burn injuries in Hong Kong children. <i>Burns</i> , <b>1990</b> , 16, 182-4	2.3	48
262	Patterns of bone diseases in transfusion-dependent homozygous thalassaemia major: predominance of osteoporosis and desferrioxamine-induced bone dysplasia. <i>Pediatric Radiology</i> , <b>2002</b> , 32, 492-7	2.8	47
261	The effects of pre-ejection period on post-exercise systolic blood pressure estimation using the pulse arrival time technique. <i>European Journal of Applied Physiology</i> , <b>2011</b> , 111, 135-44	3.4	46
260	Impaired dynamic balance control in adolescents with idiopathic scoliosis and abnormal somatosensory evoked potentials. <i>Journal of Pediatric Orthopaedics</i> , <b>2008</b> , 28, 846-9	2.4	46
259	Percutaneous Transphyseal Intramedullary Kirschner Wire Pinning: A Safe and Effective Procedure for Treatment of Displaced Diaphyseal Forearm Fracture in Children. <i>Journal of Pediatric Orthopaedics</i> , <b>2004</b> , 24, 7-12	2.4	46
258	Age-related differences in volumetric bone mineral density, microarchitecture, and bone strength of distal radius and tibia in Chinese women: a high-resolution pQCT reference database study. <i>Osteoporosis International</i> , <b>2015</b> , 26, 1691-703	5.3	45
257	Relative shortening and functional tethering of spinal cord in adolescent scoliosis - Result of asynchronous neuro-osseous growth, summary of an electronic focus group debate of the IBSE. <i>Scoliosis</i> , <b>2008</b> , 3, 8		43
256	Genome-wide association study identifies novel susceptible loci and highlights Wnt/beta-catenin pathway in the development of adolescent idiopathic scoliosis. <i>Human Molecular Genetics</i> , <b>2017</b> , 26, 1577-1583	5.6	42
255	Effect of whole body vibration (WBV) therapy on bone density and bone quality in osteopenic girls with adolescent idiopathic scoliosis: a randomized, controlled trial. <i>Osteoporosis International</i> , <b>2013</b> , 24, 1623-36	5.3	42

254	Dynamic magnetic resonance imaging in assessing lung volumes, chest wall, and diaphragm motions in adolescent idiopathic scoliosis versus normal controls. <i>Spine</i> , <b>2006</b> , 31, 2243-9	3.3	42
253	Longitudinal changes in trunkal balance after selective fusion of King II curves in adolescent idiopathic scoliosis. <i>Spine</i> , <b>2000</b> , 25, 1352-9	3.3	42
252	Adjusting bone mass for differences in projected bone area and other confounding variables: an allometric perspective. <i>Journal of Bone and Mineral Research</i> , <b>2002</b> , 17, 703-8	6.3	41
251	MRI evaluation of multifidus muscles in adolescent idiopathic scoliosis. <i>Pediatric Radiology</i> , <b>1999</b> , 29, 360-3	2.8	41
250	PLGA/ETCP composite scaffold incorporating salvianolic acid B promotes bone fusion by angiogenesis and osteogenesis in a rat spinal fusion model. <i>Biomaterials</i> , <b>2019</b> , 196, 109-121	15.6	41
249	. <i>Journal of Pediatric Orthopaedics</i> , <b>1999</b> , 19, 344-350	2.4	40
248	Histomorphometric study of the spinal growth plates in idiopathic scoliosis and congenital scoliosis. <i>Pediatrics International</i> , <b>2006</b> , 48, 591-8	1.2	39
247	Resistive vibration exercise retards bone loss in weight-bearing skeletons during 60 days bed rest. <i>Osteoporosis International</i> , <b>2012</b> , 23, 2169-78	5.3	38
246	Abnormal bone quality in adolescent idiopathic scoliosis: a case-control study on 635 subjects and 269 normal controls with bone densitometry and quantitative ultrasound. <i>Spine</i> , <b>2011</b> , 36, 1211-7	3.3	38
245	Abnormal melatonin receptor 1B expression in osteoblasts from girls with adolescent idiopathic scoliosis. <i>Journal of Pineal Research</i> , <b>2011</b> , 50, 395-402	10.4	38
244	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> , <b>2005</b> , 29, 105-11	1.5	38
243	Complications of pressure therapy for post-burn hypertrophic scars. Biomechanical analysis based on 5 patients. <i>Burns</i> , <b>1984</b> , 10, 434-8	2.3	38
242	Percutaneous intramedullary Kirschner wiring for displaced diaphyseal forearm fractures in children. <i>Journal of Bone and Joint Surgery: British Volume</i> , <b>1998</b> , 80, 91-4		38
241	Determinants of axial and peripheral bone mass in Chinese adolescents. <i>Archives of Disease in Childhood</i> , <b>1998</b> , 78, 524-30	2.2	37
240	Mechanical characterisation of human postburn hypertrophic skin during pressure therapy. <i>Journal of Biomechanics</i> , <b>1987</b> , 20, 397-406	2.9	37
239	A wearable exoskeleton suit for motion assistance to paralysed patients. <i>Journal of Orthopaedic Translation</i> , <b>2017</b> , 11, 7-18	4.2	36
238	Snapping during manual stretching in congenital muscular torticollis. <i>Clinical Orthopaedics and Related Research</i> , <b>2001</b> , 237-44	2.2	36
237	The hypertrophic scar and microcirculation properties. <i>Burns</i> , <b>1996</b> , 22, 447-50	2.3	36

236	Morphological and functional electrophysiological evidence of relative spinal cord tethering in adolescent idiopathic scoliosis. <i>Spine</i> , <b>2008</b> , 33, 673-80	3.3	35
235	Upright, prone, and supine spinal morphology and alignment in adolescent idiopathic scoliosis. <i>Scoliosis and Spinal Disorders</i> , <b>2017</b> , 12, 6	1.7	34
234	Abnormal skeletal growth patterns in adolescent idiopathic scoliosis--a longitudinal study until skeletal maturity. <i>Spine</i> , <b>2012</b> , 37, E1148-54	3.3	34
233	The management of type III open tibial fractures. <i>Injury</i> , <b>1984</b> , 16, 157-65	2.5	34
232	Congenital anomalies of the upper limb among the Chinese population in Hong Kong. <i>Journal of Hand Surgery</i> , <b>1982</b> , 7, 563-5	2.6	34
231	A prospective randomized controlled study on the treatment outcome of SpineCor brace versus rigid brace for adolescent idiopathic scoliosis with follow-up according to the SRS standardized criteria. <i>European Spine Journal</i> , <b>2014</b> , 23, 2650-7	2.7	33
230	Abnormal cerebral cortical thinning pattern in adolescent girls with idiopathic scoliosis. <i>NeuroImage</i> , <b>2012</b> , 59, 935-42	7.9	33
229	A population-based cohort study of 394,401 children followed for 10 years exhibits sustained effectiveness of scoliosis screening. <i>Spine Journal</i> , <b>2015</b> , 15, 825-33	4	32
228	Biomechanical analysis and modeling of different vertebral growth patterns in adolescent idiopathic scoliosis and healthy subjects. <i>Scoliosis</i> , <b>2011</b> , 6, 11		32
227	Genetic epidemiology and heritability of AIS: A study of 415 Chinese female patients. <i>Journal of Orthopaedic Research</i> , <b>2012</b> , 30, 1464-9	3.8	31
226	Virtual reality techniques. Application to anatomic visualization and orthopaedics training. <i>Clinical Orthopaedics and Related Research</i> , <b>2006</b> , 442, 5-12	2.2	31
225	Medical data mining using evolutionary computation. <i>Artificial Intelligence in Medicine</i> , <b>1999</b> , 16, 73-96	7.4	31
224	Bone structural and mechanical indices in Adolescent Idiopathic Scoliosis evaluated by high-resolution peripheral quantitative computed tomography (HR-pQCT). <i>Bone</i> , <b>2014</b> , 61, 109-15	4.7	30
223	Volume-based morphometry of brain MR images in adolescent idiopathic scoliosis and healthy control subjects. <i>American Journal of Neuroradiology</i> , <b>2009</b> , 30, 1302-7	4.4	30
222	Correlation of Risser sign, radiographs of hand and wrist with the histological grade of iliac crest apophysis in girls with adolescent idiopathic scoliosis. <i>Spine</i> , <b>2009</b> , 34, 1849-54	3.3	30
221	MR analysis of regional brain volume in adolescent idiopathic scoliosis: neurological manifestation of a systemic disease. <i>Journal of Magnetic Resonance Imaging</i> , <b>2008</b> , 27, 732-6	5.6	30
220	Recombinant human bone morphogenetic protein-4 (rhBMP-4) enhanced posterior spinal fusion without decortication. <i>Journal of Orthopaedic Research</i> , <b>2002</b> , 20, 740-6	3.8	30
219	Pseudoaneurysm after high tibial osteotomy and limb lengthening. <i>Clinical Orthopaedics and Related Research</i> , <b>1998</b> , 175-9	2.2	30

218	Posterior tibial nerve somatosensory cortical evoked potentials in adolescent idiopathic scoliosis. <i>Spine</i> , <b>1998</b> , 23, 332-7	3.3	30
217	Bone mineralization at the callotasis site after completion of lengthening. <i>Bone</i> , <b>1999</b> , 25, 333-8	4.7	30
216	Psychosocial adjustment of victims of occupational hand injuries. <i>Social Science and Medicine</i> , <b>1985</b> , 20, 493-7	5.1	30
215	Abnormal bone quality versus low bone mineral density in adolescent idiopathic scoliosis: a case-control study with in vivo high-resolution peripheral quantitative computed tomography. <i>Spine Journal</i> , <b>2013</b> , 13, 1493-9	4	29
214	Knee arthroscopy in Chinese children and adolescents: an eight-year prospective study. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , <b>1997</b> , 13, 18-23	5.4	29
213	Evaluation of the expression of collagen type I in porous calcium phosphate ceramics implanted in an extra-osseous site. <i>Biomaterials</i> , <b>2004</b> , 25, 659-67	15.6	29
212	Axial and peripheral bone mineral acquisition: a 3-year longitudinal study in Chinese adolescents. <i>European Journal of Pediatrics</i> , <b>1999</b> , 158, 506-12	4.1	29
211	Classification of 578 cases of congenital upper limb anomalies with the IFSSH system--a 10 yearsQ experience. <i>Journal of Hand Surgery</i> , <b>1987</b> , 12, 1055-60	2.6	29
210	Prognostic Value of Bone Mineral Density on Curve Progression: A Longitudinal Cohort Study of 513 Girls with Adolescent Idiopathic Scoliosis. <i>Scientific Reports</i> , <b>2016</b> , 6, 39220	4.9	29
209	Referral criteria for school scoliosis screening: assessment and recommendations based on a large longitudinally followed cohort. <i>Spine</i> , <b>2010</b> , 35, E1492-8	3.3	28
208	Anterior Overgrowth in Primary Curves, Compensatory Curves and Junctional Segments in Adolescent Idiopathic Scoliosis. <i>PLoS ONE</i> , <b>2016</b> , 11, e0160267	3.7	28
207	A prospective study of the effects of 1-year calcium-fortified soy milk supplementation on dietary calcium intake and bone health in Chinese adolescent girls aged 14 to 16. <i>Osteoporosis International</i> , <b>2005</b> , 16, 1907-16	5.3	27
206	Paediatric sports injuries in Hong Kong: a seven year survey. <i>British Journal of Sports Medicine</i> , <b>1996</b> , 30, 218-21	10.3	27
205	Abnormal response of the proliferation and differentiation of growth plate chondrocytes to melatonin in adolescent idiopathic scoliosis. <i>International Journal of Molecular Sciences</i> , <b>2014</b> , 15, 17100-14	6.2	26
204	Low-intensity pulsed ultrasound enhances posterior spinal fusion implanted with mesenchymal stem cells-calcium phosphate composite without bone grafting. <i>Spine</i> , <b>2011</b> , 36, 1010-6	3.3	26
203	Abnormal proliferation and differentiation of osteoblasts from girls with adolescent idiopathic scoliosis to melatonin. <i>Journal of Pineal Research</i> , <b>2010</b> , 49, 69-77	10.4	26
202	Distraction lengthening of the forearm. <i>Journal of Hand Surgery</i> , <b>1991</b> , 16, 441-5		26
201	Surgery for neglected congenital torticollis. <i>Acta Orthopaedica</i> , <b>1987</b> , 58, 270-2		26



200	A comparison study on the efficacy of SpinoMed <sup>®</sup> and soft lumbar orthosis for osteoporotic vertebral fracture. <i>Prosthetics and Orthotics International</i> , <b>2015</b> , 39, 270-6	1.5	25
199	Whither the etiopathogenesis (and scoliogeny) of adolescent idiopathic scoliosis? Incorporating presentations on scoliogeny at the 2012 IRSSD and SRS meetings. <i>Scoliosis</i> , <b>2013</b> , 8, 4		25
198	Genetic association study of growth hormone receptor and idiopathic scoliosis. <i>Clinical Orthopaedics and Related Research</i> , <b>2007</b> , 462, 53-8	2.2	25
197	Congenital pseudarthrosis of the ulna. <i>Journal of Hand Surgery</i> , <b>1994</b> , 19, 238-43		25
196	Lower Muscle Mass and Body Fat in Adolescent Idiopathic Scoliosis Are Associated With Abnormal Leptin Bioavailability. <i>Spine</i> , <b>2016</b> , 41, 940-946	3.3	25
195	Use of Tranexamic Acid (TXA) on reducing blood loss during scoliosis surgery in Chinese adolescents. <i>Scoliosis</i> , <b>2015</b> , 10, 28		24
194	The association of disproportionate skeletal growth and abnormal radius dimension ratio with curve severity in adolescent idiopathic scoliosis. <i>European Spine Journal</i> , <b>2010</b> , 19, 726-31	2.7	24
193	The effect of load carriage on the gait of girls with adolescent idiopathic scoliosis and normal controls. <i>Medical Engineering and Physics</i> , <b>2006</b> , 28, 430-7	2.4	24
192	A new risk classification rule for curve progression in adolescent idiopathic scoliosis. <i>Spine Journal</i> , <b>2012</b> , 12, 989-95	4	23
191	Costs of school scoliosis screening: a large, population-based study. <i>Spine</i> , <b>2010</b> , 35, 2266-72	3.3	23
190	A review of pinealectomy-induced melatonin-deficient animal models for the study of etiopathogenesis of adolescent idiopathic scoliosis. <i>International Journal of Molecular Sciences</i> , <b>2014</b> , 15, 16484-99	6.3	22
189	A detailed morphologic and functional magnetic resonance imaging study of the craniocervical junction in adolescent idiopathic scoliosis. <i>Spine</i> , <b>2007</b> , 32, 1667-74	3.3	22
188	Bone mineral density and calcium metabolism of Hong Kong Chinese postpartum women--a 1-y longitudinal study. <i>European Journal of Clinical Nutrition</i> , <b>2005</b> , 59, 868-76	5.2	22
187	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> , <b>2005</b> , 29, 93-104	1.5	22
186	How does recombinant human bone morphogenetic protein-4 enhance posterior spinal fusion?. <i>Spine</i> , <b>2002</b> , 27, 467-74	3.3	22
185	A systematic review of current osteoporotic metaphyseal fracture animal models. <i>Bone and Joint Research</i> , <b>2018</b> , 7, 6-11	4.2	21
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42	Validating narrative data on residential child injury. <i>Journal of Safety Research</i> , <b>2001</b> , 32, 377-389	4	2
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22	Nanoindentation study of interfaces between calcium phosphate and bone in an animal spinal fusion model <b>2001</b> , 54, 554		1
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