

Yueming Song

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

105 papers	787 citations	14 h-index	24 g-index
140 ext. papers	1,094 ext. citations	2.8 avg, IF	4.09 L-index

#	Paper	IF	Citations
105	Comparison of osteointegration property between PEKK and PEEK: Effects of surface structure and chemistry. <i>Biomaterials</i> , 2018 , 170, 116-126	15.6	86
104	Genome-wide association study identifies new susceptibility loci for adolescent idiopathic scoliosis in Chinese girls. <i>Nature Communications</i> , 2015 , 6, 8355	17.4	76
103	Processing and Properties of Bioactive Surface-Porous PEKK. <i>ACS Biomaterials Science and Engineering</i> , 2016 , 2, 977-986	5.5	38
102	Injectable nanofibrous spongy microspheres for NR4A1 plasmid DNA transfection to reverse fibrotic degeneration and support disc regeneration. <i>Biomaterials</i> , 2017 , 131, 86-97	15.6	36
101	Gene therapy for nucleus pulposus regeneration by heme oxygenase-1 plasmid DNA carried by mixed polyplex micelles with thermo-responsive heterogeneous coronas. <i>Biomaterials</i> , 2015 , 52, 1-13	15.6	36
100	Comparison of the incidence of patient-reported post-operative dysphagia between ACDF with a traditional anterior plate and artificial cervical disc replacement. <i>Clinical Neurology and Neurosurgery</i> , 2016 , 148, 72-8	2	27
99	Sustained and Bioresponsive Two-Stage Delivery of Therapeutic miRNA via Polyplex Micelle-Loaded Injectable Hydrogels for Inhibition of Intervertebral Disc Fibrosis. <i>Advanced Healthcare Materials</i> , 2018 , 7, e1800623	10.1	27
98	A biomimetically hierarchical polyetherketoneketone scaffold for osteoporotic bone repair. <i>Science Advances</i> , 2020 , 6,	14.3	24
97	Clinical and radiography results of mini-plate fixation compared to suture suspensory fixation in cervical laminoplasty: A five-year follow-up study. <i>Clinical Neurology and Neurosurgery</i> , 2015 , 138, 188-95 ²		23
96	SHP2 regulates skeletal cell fate by modifying SOX9 expression and transcriptional activity. <i>Bone Research</i> , 2018 , 6, 12	13.3	22
95	Comparison of anterior cervical discectomy and fusion with the zero-profile device versus plate and cage in treating cervical degenerative disc disease: A meta-analysis. <i>Journal of Clinical Neuroscience</i> , 2016 , 33, 11-18	2.2	19
94	Shoulder balance in Lenke type 2 adolescent idiopathic scoliosis: Should we fuse to the second thoracic vertebra?. <i>Clinical Neurology and Neurosurgery</i> , 2017 , 163, 156-162	2	19
93	Treatment of cauda equina syndrome caused by lumbar disc herniation with percutaneous endoscopic lumbar discectomy. <i>Acta Neurologica Belgica</i> , 2016 , 116, 185-90	1.5	17
92	LncRNA TP73-AS1 predicts poor prognosis and functions as oncogenic lncRNA in osteosarcoma. <i>Journal of Cellular Biochemistry</i> , 2018 , 120, 2569	4.7	17
91	Comparison of clinical and radiographic results between isobar posterior dynamic stabilization and posterior lumbar inter-body fusion for lumbar degenerative disease: A four-year retrospective study. <i>Clinical Neurology and Neurosurgery</i> , 2015 , 136, 100-6	2	13
90	Emerging S-shaped curves in congenital scoliosis after hemivertebra resection and short segmental fusion. <i>Spine Journal</i> , 2016 , 16, 1214-1220	4	13
89	Outcome of single level anterior cervical discectomy and fusion using nano-hydroxyapatite/polyamide-66 cage. <i>Indian Journal of Orthopaedics</i> , 2014 , 48, 152-7	1.3	12

88	SHP2 regulates intramembranous ossification by modifying the TGFβ and BMP2 signaling pathway. <i>Bone</i> , 2019 , 120, 327-335	4.7	11
87	Comparison of anterior and posterior vertebral column resection versus anterior and posterior spinal fusion for severe and rigid scoliosis. <i>Spine Journal</i> , 2018 , 18, 948-953	4	10
86	Surgical treatment for severe and rigid scoliosis: a case-matched study between idiopathic scoliosis and syringomyelia-associated scoliosis. <i>Spine Journal</i> , 2019 , 19, 87-94	4	10
85	Cervical tuberculosis associated with cervical pain and neurologic deficit: a case report and literature review. <i>Spine Journal</i> , 2014 , 14, e13-8	4	10
84	Minimally Invasive Oblique Lateral Lumbar Interbody Fusion Combined with Anterolateral Screw Fixation for Lumbar Degenerative Disc Disease. <i>World Neurosurgery</i> , 2020 , 135, e671-e678	2.1	9
83	GSK-3 Inhibitor Promotes Neuronal Cell Regeneration and Functional Recovery in a Rat Model of Spinal Cord Injury. <i>BioMed Research International</i> , 2019 , 2019, 9628065	3	8
82	Coronal Imbalance in Lenke 5C Adolescent Idiopathic Scoliosis Regarding Selecting the Lowest Instrumented Vertebra: Lower End Vertebra versus Lower End Vertebra+1 in Posterior Fusion. <i>World Neurosurgery</i> , 2018 , 117, e522-e529	2.1	8
81	Efficacy and safety of one-stage posterior hemivertebral resection for unbalanced multiple hemivertebrae: A more than 2-year follow-up. <i>Clinical Neurology and Neurosurgery</i> , 2017 , 160, 130-136	2	8
80	The pathologic mechanisms underlying lumbar distraction spinal cord injury in rabbits. <i>Spine Journal</i> , 2017 , 17, 1665-1673	4	8
79	Titanium-interlayer mediated hydroxyapatite coating on polyetheretherketone: a prospective study in patients with single-level cervical degenerative disc disease. <i>Journal of Translational Medicine</i> , 2021 , 19, 14	8.5	8
78	Short-Term Outcomes of Anterior Fusion-Nonfusion Hybrid Surgery versus Posterior Cervical Laminoplasty in the Treatment of Multilevel Cervical Spondylotic Myelopathy. <i>World Neurosurgery</i> , 2018 , 116, e1007-e1014	2.1	8
77	A novel technique for unstable Hangman's fracture: lag screw-rod (LSR) technique. <i>European Spine Journal</i> , 2017 , 26, 1284-1290	2.7	7
76	Coronal and sagittal balance in Lenke 5 AIS patients following posterior fusion: important role of the lowest instrument vertebrae selection. <i>BMC Musculoskeletal Disorders</i> , 2018 , 19, 212	2.8	7
75	Cervical kyphosis in patients with Lenke type 1 adolescent idiopathic scoliosis: the prediction of thoracic inlet angle. <i>BMC Musculoskeletal Disorders</i> , 2017 , 18, 220	2.8	7
74	Surgical management for middle or lower thoracic spinal tuberculosis (T5-T12) in elderly patients: Posterior versus anterior approach. <i>Journal of Orthopaedic Science</i> , 2019 , 24, 68-74	1.6	7
73	Biomechanical evaluation of C1 lateral mass and C2 translamina bicortical screws in atlantoaxial fixation: an in vitro human cadaveric study. <i>Spine Journal</i> , 2018 , 18, 674-681	4	6
72	The n-HA/PA66 Cage Versus the PEEK Cage in Anterior Cervical Fusion with Single-Level Discectomy During 7 Years of Follow-Up. <i>World Neurosurgery</i> , 2019 , 123, e678-e684	2.1	6
71	Percutaneous Endoscopic Excision and Ablation of Osteoid Osteoma of the Lumbar Spine and Sacrum: A Technical Note and Outcomes. <i>World Neurosurgery</i> , 2020 , 133, 121-126	2.1	6

70	Comparative Study on 3D Printed Ti6Al4V Scaffolds with Surface Modifications Using Hydrothermal Treatment and Microarc Oxidation to Enhance Osteogenic Activity. <i>ACS Omega</i> , 2021 , 6, 1465-1476	3.9	6
69	Trends of epidemiological characteristics of traumatic spinal cord injury in China, 2009-2018. <i>European Spine Journal</i> , 2021 , 30, 3115-3127	2.7	6
68	3D-Printed Multifunctional Polyetheretherketone Bone Scaffold for Multimodal Treatment of Osteosarcoma and Osteomyelitis. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 47327-47340	9.5	6
67	Traumatic high-grade L5-S1 spondylolisthesis with vertebral physeal injury. <i>Spine Journal</i> , 2015 , 15, 2097-2108	4.8	5
66	Does spinal deformity correction of non-dystrophic scoliosis in neurofibromatosis type I with one-stage posterior pedicle screw technique produce outcomes similar to adolescent idiopathic scoliosis?. <i>Spine Journal</i> , 2017 , 17, 1850-1858	4	5
65	Prediction of Proximal Junctional Kyphosis After Posterior Scoliosis Surgery With Machine Learning in the Lenke 5 Adolescent Idiopathic Scoliosis Patient. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020 , 8, 559387	5.8	5
64	In vitro stress effect on degradation and drug release behaviors of basic fibroblast growth factor--poly(lactic-co-glycolic-acid) microsphere. <i>Drug Design, Development and Therapy</i> , 2016 , 10, 431-440	4.4	5
63	The efficacy of posterior hemivertebra resection with lumbosacral fixation and fusion in the treatment of congenital scoliosis: A more than 2-year follow-up study. <i>Clinical Neurology and Neurosurgery</i> , 2018 , 164, 154-159	2	5
62	Evaluation of Bioabsorbable Multiamino Acid Copolymer/Nanohydroxyapatite/Calcium Sulfate Cage in a Goat Spine Model. <i>World Neurosurgery</i> , 2017 , 103, 341-347	2.1	4
61	One-stage posterior grade 4 osteotomy and bone graft fusion at pseudarthrosis for the treatment of kyphotic deformity with Andersson lesions in ankylosing spondylitis. <i>Clinical Neurology and Neurosurgery</i> , 2017 , 159, 19-24	2	4
60	Treatment of L5 - S1 intervertebral disc herniation with posterior percutaneous full-endoscopic discectomy by grafting tubes at various positions via an interlaminar approach. <i>BMC Surgery</i> , 2019 , 19, 124	2.3	4
59	Extracellular vesicles in bone and tooth: A state-of-art paradigm in skeletal regeneration. <i>Journal of Cellular Physiology</i> , 2019 , 234, 14838	7	4
58	Recurrent primary lumbar vertebra chondrosarcoma: Marginal resection and Iodine-125 seed therapy. <i>Indian Journal of Orthopaedics</i> , 2014 , 48, 216-9	1.3	4
57	OLIF Combined with Anterior Fixation for Lumbar Synovial Cysts with Instability. <i>World Neurosurgery</i> , 2020 , 135, 76-79	2.1	4
56	A comparison of long-term outcomes of nanohydroxyapatite/polyamide-66 cage and titanium mesh cage in anterior cervical corpectomy and fusion: A clinical follow-up study of least 8 years. <i>Clinical Neurology and Neurosurgery</i> , 2019 , 176, 25-29	2	4
55	Impact of the occiput and external acoustic meatus to axis angle on dysphagia in patients suffering from anterior atlantoaxial subluxation after occipitocervical fusion. <i>Spine Journal</i> , 2019 , 19, 1362-1368	4	3
54	A rare case of atypical noncontiguous multiple spinal tuberculosis. <i>Spine Journal</i> , 2015 , 15, e5-7	4	3
53	MicroRNA-25-3p therapy for intervertebral disc degeneration by targeting the IL-1 β /ZIP8/MTF1 signaling pathway with a novel thermo-responsive vector. <i>Annals of Translational Medicine</i> , 2020 , 8, 1500	3.2	3

52	Meglumine cyclic adenylylate improves neurological function following acute spinal cord injury in rats. <i>Molecular Medicine Reports</i> , 2014 , 10, 1225-30	2.9	3
51	Radiologic comparison of posterior release, internal distraction, final PSO and spinal fusion with one-stage posterior vertebral column resection for multi-level severe congenital scoliosis. <i>BMC Musculoskeletal Disorders</i> , 2017 , 18, 270	2.8	3
50	Optimal area of lateral mass mini-screws implanted in plated cervical laminoplasty: a radiography anatomy study. <i>European Spine Journal</i> , 2017 , 26, 1140-1148	2.7	3
49	Sudden cerebral infarction after interventional vertebral artery embolism for vertebral artery injury during removal of C1-C2 pedicle screw fixation: a case report. <i>International Journal of Clinical and Experimental Medicine</i> , 2015 , 8, 16803-7		3
48	Analysis of the Cervical Sagittal Alignment in Patients with Unstable Hangman Fracture Under C2~3 Anterior Discectomy and Fusion. <i>World Neurosurgery</i> , 2020 , 137, e1-e8	2.1	3
47	Multiple levels of spinal canal stenosis in endemic skeletal fluorosis. <i>Joint Bone Spine</i> , 2017 , 84, 737	2.9	2
46	Effect of surface microstructure on the anti-fibrosis/adhesion of hydroxyapatite ceramics in spinal repair of rabbits. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019 , 107, 2629-2637	3.5	2
45	Giant synovial sarcoma involved thoracolumbar vertebrae and paraspinal muscle. <i>Spine Journal</i> , 2016 , 16, e271-2	4	2
44	Minimally invasive lateral lumbar intervertebral fusion versus traditional anterior approach for localized lumbar tuberculosis: a matched-pair case control study. <i>Spine Journal</i> , 2020 , 20, 426-434	4	2
43	A rare case of symptomatic hemangioma of the lumbar spine involving the spinous process. <i>Spine Journal</i> , 2016 , 16, e191-2	4	2
42	Ventilation/perfusion SPECT/CT in patients with severe and rigid scoliosis: An evaluation by relationship to spinal deformity and lung function. <i>Clinical Neurology and Neurosurgery</i> , 2019 , 176, 97-102		2
41	A compliance real-time monitoring system for the management of the brace usage in adolescent idiopathic scoliosis patients: a pilot study. <i>BMC Musculoskeletal Disorders</i> , 2021 , 22, 152	2.8	2
40	Benign osteoblastoma of cervical spine. <i>Spine Journal</i> , 2015 , 15, e21-2	4	1
39	A rare case of noncontiguous multiple spinal Langerhans cell histiocytosis involving atlantoaxial instability. <i>Spine Journal</i> , 2015 , 15, e55-7	4	1
38	A rare case of sarcoma involving atlas. <i>Spine Journal</i> , 2015 , 15, e29-30	4	1
37	Computed tomography-based bronchial tree three-dimensional reconstruction and airway resistance evaluation in adolescent idiopathic scoliosis. <i>European Spine Journal</i> , 2020 , 29, 1981-1992	2.7	1
36	A huge thoracic spinal giant cell tumor of the tendon sheaths with an intact neurologic function. <i>Spine Journal</i> , 2016 , 16, e591-2	4	1
35	Tent5a modulates muscle fiber formation in adolescent idiopathic scoliosis via maintenance of myogenin expression.. <i>Cell Proliferation</i> , 2022 , e13183	7.9	1

34	Surgical Treatment of Scoliosis-Associated with Syringomyelia: The Role of Syrinx Size. <i>Neurology India</i> , 2020 , 68, 299-304	0.7	1
33	The Regulatory Effect of MicroRNA-101-3p on Disc Degeneration by the STC1/VEGF/MAPK Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2021 , 2021, 1073458	6.7	1
32	A rare case of cervical myelopathy caused by invaginated laminae of the axis into the spinal canal. <i>Spine Journal</i> , 2016 , 16, e599-600	4	1
31	Congenital odontoid process separation with atlantoaxial dislocation associated with Klippel-Feil syndrome and cervical angular kyphosis secondary to C6 wedging vertebra. <i>Spine Journal</i> , 2016 , 16, e53-4	4	1
30	The Efficacy of Hemivertebra Resection for Hemimetameric Segmental Shift. <i>World Neurosurgery</i> , 2019 , 121, e528-e534	2.1	1
29	Lumbar disc herniation: long-term outcomes after mini-open discectomy. <i>International Orthopaedics</i> , 2020 , 44, 407	3.8	1
28	The Susceptibility and Potential Functions of the LBX1 Gene in Adolescent Idiopathic Scoliosis. <i>Frontiers in Genetics</i> , 2020 , 11, 614984	4.5	1
27	The Comparison of Convolutional Neural Networks and the Manual Measurement of Cobb Angle in Adolescent Idiopathic Scoliosis. <i>Global Spine Journal</i> , 219256822210986	2.7	1
26	Slowly progressive solitary plasmacytoma of the thoracic spine. <i>Spine Journal</i> , 2016 , 16, e21-2	4	0
25	A rare case of thoracolumbar aspergillois involving T10-L5. <i>Spine Journal</i> , 2015 , 15, 2110-1	4	0
24	The predictive ability of occipital to C3 angle for dysphagia after occipitocervical fusion in patients with combined C2-3 Klippel-Feil syndrome.. <i>BMC Musculoskeletal Disorders</i> , 2022 , 23, 123	2.8	0
23	Titanium interlayer-mediated hydroxyapatite-coated polyetheretherketone cage in transforaminal lumbar interbody fusion surgery. <i>BMC Musculoskeletal Disorders</i> , 2021 , 22, 918	2.8	0
22	Enhanced bone regenerative properties of calcium phosphate ceramic granules in rabbit posterolateral spinal fusion through a reduction of grain size.. <i>Bioactive Materials</i> , 2022 , 11, 90-106	16.7	0
21	Are craniocervical angulations or syrinx risk factors for the initiation and progression of scoliosis in Chiari malformation type I?. <i>Neurosurgical Review</i> , 2021 , 44, 2299-2308	3.9	0
20	A case report of severe degenerative lumbar scoliosis associated with windswept lower limb deformity. <i>BMC Surgery</i> , 2020 , 20, 195	2.3	0
19	Neurological impairment in a patient with concurrent cervical disc herniation and POEMS syndrome. <i>European Spine Journal</i> , 2019 , 28, 51-55	2.7	0
18	Comparison of Extending Fusion to Thoracic Curve Versus Thoracolumbar/Lumbar Fusion in Posterior Fusion of Patients with Lenke 5C: Variation in Upper End Vertebrae Tilt Affected Coronal Balance. <i>World Neurosurgery</i> , 2019 , 121, e827-e835	2.1	0
17	Comparison of clinical and radiological outcomes of local morselized bone grafts and structural iliac bone grafts in the treatment of lumbar tuberculosis with posterior-only surgery.. <i>BMC Surgery</i> , 2022 , 22, 184	2.3	0

16	A rare case of malignant nonfunctional retroperitoneal paraganglioma with C3 spinous process metastasis. <i>Spine Journal</i> , 2016 , 16, e7-8	4
15	The adolescent multiple spondylolysis associated with spondylolisthesis in the upper lumbar vertebrae. <i>Spine Journal</i> , 2015 , 15, e31-2	4
14	A rare case of Klippel-Feil syndrome associated with atlantoaxial rotatory subluxation, atlanto-occipital fusion, and spina bifida. <i>Spine Journal</i> , 2015 , 15, e57-8	4
13	Risk factors of unplanned neurosurgery for scoliotic patients with Chiari malformation type I and syringomyelia after spinal deformity correction. <i>Clinical Neurology and Neurosurgery</i> , 2020 , 196, 106014	2
12	Fishbone in paravertebral space. <i>Spine Journal</i> , 2016 , 16, e27-8	4
11	A rare case of complete T10-T11 fracture and dislocation with the neurologic signs of Frankel D. <i>Spine Journal</i> , 2016 , 16, e265-6	4
10	TO THE EDITOR. <i>Spine</i> , 2017 , 42, E1155	3.3
9	Congenital scoliosis caused by hemi-sacrum. <i>Spine Journal</i> , 2015 , 15, e67-8	4
8	Reply to comments about "Spontaneous resolution of scoliosis associated with lumbar spondylolisthesis". <i>Spine Journal</i> , 2014 , 14, 1083-4	4
7	Effect of simvastatin on fracture healing of type 2 diabetic rats. <i>Panminerva Medica</i> , 2021 , 63, 392-393	2
6	Letter to the Editor concerning "Outcomes of patients with syringomyelia undergoing spine deformity surgery: do large syrinxes behave differently from small?" by Samdani AF, et al. (<i>Spine J.</i> 2017; 17(10):1406-1411). <i>Spine Journal</i> , 2020 , 20, 150	4
5	Letter concerning "Segmental pelvic correlation (SPeC): a novel approach to understanding sagittal plane spinal alignment" by Anwar et al. <i>Spine Journal</i> , 2016 , 16, 1159	4
4	Proximal junctional kyphosis in Lenke 5 AIS patients: the important factor of pelvic incidence. <i>BMC Musculoskeletal Disorders</i> , 2021 , 22, 185	2.8
3	A novel posterior multiple screws distraction reducer system versus anterior release, posterior internal distraction, and subsequent spinal fusion for severe scoliosis. <i>BMC Musculoskeletal Disorders</i> , 2021 , 22, 144	2.8
2	Conversion Paralysis After Cervical Surgery: A Case Report and Literature Review.. <i>Frontiers in Surgery</i> , 2022 , 9, 814498	2.3
1	Anterior debridement, bone grafting and fixation for cervical spine tuberculosis: an iliac bone graft versus a structural manubrium graft.. <i>BMC Musculoskeletal Disorders</i> , 2022 , 23, 236	2.8