

Hidetomi Terai

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2004204/publications.pdf>

Version: 2024-02-01

135
papers

5,095
citations

147566

31
h-index

95083

68
g-index

136
all docs

136
docs citations

136
times ranked

5978
citing authors

#	ARTICLE	IF	CITATIONS
1	Expression and function of fibroblast growth factor 1 in the hypertrophied ligamentum flavum of lumbar spinal stenosis. <i>Journal of Orthopaedic Science</i> , 2022, 27, 299-307.	0.5	3
2	Improvements in Mental Well-Being and its Predictive Factors in Patients who Underwent Cervical versus Lumbar Decompression Surgery. <i>Spine Surgery and Related Research</i> , 2022, 6, 10-16.	0.4	1
3	Relationship between facet joint opening on CT and facet joint effusion on MRI in patients with lumbar spinal stenosis: analysis of a less invasive decompression procedure. <i>Journal of Neurosurgery: Spine</i> , 2022, 36, 376-384.	0.9	2
4	Mid-term changes in spinopelvic sagittal alignment in lumbar spinal stenosis with coexisting degenerative spondylolisthesis or scoliosis after minimally invasive lumbar decompression surgery: minimum five-year follow-up. <i>Spine Journal</i> , 2022, 22, 819-826.	0.6	3
5	Impact of the COVID-19 Pandemic on Elderly Patients with Spinal Disorders. <i>Journal of Clinical Medicine</i> , 2022, 11, 602.	1.0	4
6	Incidence of postoperative progressive segment degeneration at decompression and adjacent segments after minimally invasive lumbar decompression surgery: a 5-year follow-up study. <i>Journal of Neurosurgery: Spine</i> , 2022, , 1-8.	0.9	3
7	Decreased muscle mass and strength affected spinal sagittal malalignment. <i>European Spine Journal</i> , 2022, 31, 1431-1437.	1.0	2
8	Risk factors of the poor long-term prognosis of osteoporotic vertebral fractures: A multicenter cohort study. <i>Journal of Orthopaedic Surgery</i> , 2021, 29, 230949902199496.	0.4	0
9	Presence of sarcopenia does not affect the clinical results of balloon kyphoplasty for acute osteoporotic vertebral fracture. <i>Scientific Reports</i> , 2021, 11, 122.	1.6	4
10	Relationship between number of radiological risk factors for delayed union after osteoporotic vertebral fracture and clinical outcomes. <i>Archives of Osteoporosis</i> , 2021, 16, 20.	1.0	1
11	Classification and prognostic factors of residual symptoms after minimally invasive lumbar decompression surgery using a cluster analysis: a 5-year follow-up cohort study. <i>European Spine Journal</i> , 2021, 30, 918-927.	1.0	11
12	Clinical Outcomes of Minimally Invasive Posterior Decompression for Lumbar Spinal Stenosis with Degenerative Spondylolisthesis. <i>Spine</i> , 2021, 46, 1218-1225.	1.0	7
13	Using artificial intelligence to diagnose fresh osteoporotic vertebral fractures on magnetic resonance images. <i>Spine Journal</i> , 2021, 21, 1652-1658.	0.6	25
14	Clinical Comparison of Combined Cortical Bone Trajectory and Transarticular Surface Screw Versus Standard Pedicle Screw Insertion by Wiltse Approach for L5 Isthmic Spondylolisthesis. <i>Clinical Spine Surgery</i> , 2021, Publish Ahead of Print, E580-E587.	0.7	0
15	Trunk Muscle Mass Measured by Bioelectrical Impedance Analysis Reflecting the Cross-Sectional Area of the Paravertebral Muscles and Back Muscle Strength: A Cross-Sectional Analysis of a Prospective Cohort Study of Elderly Population. <i>Journal of Clinical Medicine</i> , 2021, 10, 1187.	1.0	10
16	Biglycan expression and its function in human ligamentum flavum. <i>Scientific Reports</i> , 2021, 11, 4867.	1.6	6
17	Gender-specific analysis for the association between trunk muscle mass and spinal pathologies. <i>Scientific Reports</i> , 2021, 11, 7816.	1.6	6
18	Surgical Outcomes of a New Technique Using a Convex Rod Rotation Maneuver for Adolescent Idiopathic Scoliosis. <i>Spine Surgery and Related Research</i> , 2021, 5, 205-210.	0.4	0

#	ARTICLE	IF	CITATIONS
19	Expression and function of FGF9 in the hypertrophied ligamentum flavum of lumbar spinal stenosis patients. <i>Spine Journal</i> , 2021, 21, 1010-1020.	0.6	8
20	The effect of minimally invasive lumbar decompression surgery on sagittal spinopelvic alignment in patients with lumbar spinal stenosis: a 5-year follow-up study. <i>Journal of Neurosurgery: Spine</i> , 2021, 1-8.	0.9	8
21	Differences in surgical outcome after anterior corpectomy and reconstruction with an expandable cage with rectangular footplates between thoracolumbar and lumbar osteoporotic vertebral fracture. <i>North American Spine Society Journal (NASSJ)</i> , 2021, 6, 100071.	0.3	2
22	Spontaneous Improvement of Postoperative Coronal Imbalance Following Selective Thoracolumbar-Lumbar Fusion in Lenke 5C Adolescent Idiopathic Scoliosis. <i>World Neurosurgery</i> , 2021, 151, e241-e249.	0.7	1
23	Can Conventional Magnetic Resonance Imaging Substitute Three-Dimensional Magnetic Resonance Imaging in the Diagnosis of Lumbar Foraminal Stenosis?. <i>Asian Spine Journal</i> , 2021, 15, 472-480.	0.8	3
24	Clinical outcomes of laminoplasty for patients with lysosomal storage disease including mucopolysaccharidosis and mucopolipidoses: a retrospective cohort study. <i>Orphanet Journal of Rare Diseases</i> , 2021, 16, 401.	1.2	2
25	Direct Lateral Corpectomy and Reconstruction Using an Expandable Cage Improves Local Kyphosis but Not Global Sagittal Alignment. <i>Journal of Clinical Medicine</i> , 2021, 10, 4012.	1.0	2
26	Facet Joint Opening on Computed Tomography is a Predictor of Poor Clinical Outcomes After Minimally Invasive Decompression Surgery for Lumbar Spinal Stenosis. <i>Spine</i> , 2021, Publish Ahead of Print, .	1.0	3
27	Prevalence of Restless Legs Syndrome and its Symptoms among Patients with Spinal Disorders. <i>Journal of Clinical Medicine</i> , 2021, 10, 5001.	1.0	0
28	Time Course of Physical and Mental Well-being Improvements After Cervical Surgery. <i>Spine</i> , 2021, 46, E303-E309.	1.0	6
29	Risk Factor for Poor Patient Satisfaction After Lumbar Spine Surgery in Elderly Patients Aged Over 80 years. <i>Clinical Spine Surgery</i> , 2021, 34, E223-E228.	0.7	6
30	Characteristics and Short-Term Surgical Outcomes of Patients with Recurrent Lumbar Disc Herniation after Percutaneous Laser Disc Decompression. <i>Medicina (Lithuania)</i> , 2021, 57, 1225.	0.8	1
31	The factors related to the poor ADL in the patients with osteoporotic vertebral fracture after instrumentation surgery. <i>European Spine Journal</i> , 2020, 29, 1597-1605.	1.0	6
32	Improvement in Patient Mental Well-being After Surgery for Cervical Spondylotic Myelopathy. <i>Spine</i> , 2020, 45, E568-E575.	1.0	8
33	Clinical Impact of Cervical Imbalance on Surgical Outcomes of Laminoplasty. <i>Clinical Spine Surgery</i> , 2020, 33, E1-E7.	0.7	8
34	Short- versus long-segment posterior spinal fusion with vertebroplasty for osteoporotic vertebral collapse with neurological impairment in thoracolumbar spine: a multicenter study. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 513.	0.8	7
35	The Severity of Cervical Disc Degeneration Does Not Impact 2-year Postoperative Outcomes in Patients With Cervical Spondylotic Myelopathy Who Underwent Laminoplasty. <i>Spine</i> , 2020, 45, E1142-E1149.	1.0	3
36	Effect of bisphosphonates or teriparatide on mechanical complications after posterior instrumented fusion for osteoporotic vertebral fracture: a multi-center retrospective study. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 420.	0.8	15

#	ARTICLE	IF	CITATIONS
37	The Surgical Outcomes of Spinal Fusion for Osteoporotic Vertebral Fractures in the Lower Lumbar Spine with a Neurological Deficit. <i>Spine Surgery and Related Research</i> , 2020, 4, 199-207.	0.4	7
38	Surgical Management of Spinal Disorders in People with Mucopolysaccharidoses. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1171.	1.8	10
39	Residual numbness of the upper extremity after cervical surgery in patients with cervical spondylotic myelopathy. <i>Journal of Neurosurgery: Spine</i> , 2020, 33, 734-741.	0.9	7
40	Reply to the Editor: Surgical Treatment of Osteoporotic Vertebral Fracture with Neurological Deficit-A Nationwide Multicenter Study in Japan. <i>Spine Surgery and Related Research</i> , 2020, 4, 292-293.	0.4	1
41	Preoperative severity of facet joint degeneration does not impact the 2-year clinical outcomes and cervical imbalance following laminoplasty. <i>Spine Journal</i> , 2019, 19, 246-252.	0.6	4
42	Impact of Hemodialysis on Surgical Outcomes and Mortality Rate after Lumbar Spine Surgery: A Matched Cohort Study. <i>Spine Surgery and Related Research</i> , 2019, 3, 151-156.	0.4	9
43	Sarcopenia is related to spinal sagittal imbalance in patients with spinopelvic mismatch. <i>European Spine Journal</i> , 2019, 28, 1929-1936.	1.0	34
44	Impact of Sarcopenia on Clinical Outcomes of Minimally Invasive Lumbar Decompression Surgery. <i>Scientific Reports</i> , 2019, 9, 16619.	1.6	10
45	General Anesthesia Management for Adult Mucopolysaccharidosis Patients Undergoing Major Spine Surgery. <i>Medical Principles and Practice</i> , 2019, 28, 581-585.	1.1	5
46	Surgical Treatment of Osteoporotic Vertebral Fracture with Neurological Deficit-A Nationwide Multicenter Study in Japan-. <i>Spine Surgery and Related Research</i> , 2019, 3, 361-367.	0.4	19
47	Risk Factors for Proximal Junctional Fracture Following Fusion Surgery for Osteoporotic Vertebral Collapse with Delayed Neurological Deficits: A Retrospective Cohort Study of 403 Patients. <i>Spine Surgery and Related Research</i> , 2019, 3, 171-177.	0.4	15
48	Complications after spinal fixation surgery for osteoporotic vertebral collapse with neurological deficits: Japan Association of Spine Surgeons with ambition multicenter study. <i>Journal of Orthopaedic Science</i> , 2019, 24, 985-990.	0.5	8
49	Surgical outcomes of spinal fusion for osteoporotic vertebral fracture in the thoracolumbar spine: Comprehensive evaluations of 5 typical surgical fusion techniques. <i>Journal of Orthopaedic Science</i> , 2019, 24, 1020-1026.	0.5	18
50	Balloon Kyphoplasty Versus Conservative Treatment for Acute Osteoporotic Vertebral Fractures With Poor Prognostic Factors. <i>Spine</i> , 2019, 44, 110-117.	1.0	22
51	Increased advanced glycation end products in hypertrophied ligamentum flavum of diabetes mellitus patients. <i>Spine Journal</i> , 2019, 19, 1739-1745.	0.6	14
52	Development of a scoring system for predicting adjacent vertebral fracture after balloon kyphoplasty. <i>Spine Journal</i> , 2019, 19, 1194-1201.	0.6	27
53	Answer to the Letter to the Editor concerning "The association of back muscle strength and sarcopenia-related parameters in the patients with spinal disorders" by Toyoda H, et al. (<i>Eur Spine J</i>); Tj ETQq1 1 0i784314 rgBT /Ove		
54	Surgical outcomes of spinal fusion for osteoporotic thoracolumbar vertebral fractures in patients with Parkinson's disease: what is the impact of Parkinson's disease on surgical outcome?. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 103.	0.8	16

#	ARTICLE	IF	CITATIONS
55	ISSLS PRIZE IN CLINICAL SCIENCE 2019: clinical importance of trunk muscle mass for low back pain, spinal balance, and quality of life—a multicenter cross-sectional study. <i>European Spine Journal</i> , 2019, 28, 914-921.	1.0	56
56	Fibroblast Growth Factor 9 Is Upregulated Upon Intervertebral Mechanical Stress-Induced Ligamentum Flavum Hypertrophy in a Rabbit Model. <i>Spine</i> , 2019, 44, E1172-E1180.	1.0	11
57	Characteristic radiological findings for revision surgery after balloon kyphoplasty. <i>Scientific Reports</i> , 2019, 9, 18513.	1.6	13
58	Cost-effectiveness of Balloon Kyphoplasty for Patients With Acute/Subacute Osteoporotic Vertebral Fractures in the Super-Aging Japanese Society. <i>Spine</i> , 2019, 44, E298-E305.	1.0	10
59	Surgical Treatment of a Patient with Prolonged Exacerbation of Hirayama Disease. <i>Spine Surgery and Related Research</i> , 2019, 3, 95-97.	0.4	9
60	The association of back muscle strength and sarcopenia-related parameters in the patients with spinal disorders. <i>European Spine Journal</i> , 2019, 28, 241-249.	1.0	28
61	Anatomical analysis of the human ligamentum flavum in the thoracic spine: Clinical implications for posterior thoracic spinal surgery. <i>Journal of Orthopaedic Science</i> , 2019, 24, 62-67.	0.5	3
62	Diffuse idiopathic skeletal hyperostosis is associated with lumbar spinal stenosis requiring surgery. <i>Journal of Bone and Mineral Metabolism</i> , 2019, 37, 118-124.	1.3	29
63	Difference of clinical course between cases with bone union and those with delayed union following osteoporotic vertebral fractures. <i>Archives of Osteoporosis</i> , 2018, 13, 3.	1.0	6
64	Differences in short-term clinical and radiological outcomes depending on timing of balloon kyphoplasty for painful osteoporotic vertebral fracture. <i>Journal of Orthopaedic Science</i> , 2018, 23, 51-56.	0.5	18
65	Comparison of minimally invasive decompression and combined minimally invasive decompression and fusion in patients with degenerative spondylolisthesis with instability. <i>Journal of Clinical Neuroscience</i> , 2018, 57, 79-85.	0.8	10
66	Validity and Reproducibility of Various Measurement Methods for Craniocervical Sagittal Balance. <i>Clinical Spine Surgery</i> , 2018, 31, 80-85.	0.7	8
67	Spinopelvic Sagittal Alignment after Microendoscopic Laminotomy in Patients with Lumbar Degenerative Spondylolisthesis. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2018, 79, 479-485.	0.4	6
68	Cervical lordotic alignment following posterior spinal fusion for adolescent idiopathic scoliosis: reciprocal changes and risk factors for malalignment. <i>Journal of Neurosurgery: Pediatrics</i> , 2017, 19, 440-447.	0.8	12
69	Anterior Cervical Discectomy and Fusion Provides Better Surgical Outcomes Than Posterior Laminoplasty in Elderly Patients With C3-4 Level Myelopathy. <i>Spine</i> , 2017, 42, 548-555.	1.0	10
70	Incidence of Pleural Fluid and Its Associated Risk Factors After Posterior Spinal Fusion in Patients With Adolescent Idiopathic Scoliosis. <i>Spine</i> , 2017, 42, 603-609.	1.0	5
71	Anatomical analysis of the relation between human ligamentum flavum and posterior spinal bony prominence. <i>Journal of Orthopaedic Science</i> , 2017, 22, 260-265.	0.5	9
72	Mechanical stress induces elastic fibre disruption and cartilage matrix increase in ligamentum flavum. <i>Scientific Reports</i> , 2017, 7, 13092.	1.6	25

#	ARTICLE	IF	CITATIONS
73	Complications Associated With Spine Surgery in Patients Aged 80 Years or Older: Japan Association of Spine Surgeons with Ambition (JASA) Multicenter Study. <i>Global Spine Journal</i> , 2017, 7, 636-641.	1.2	62
74	Anatomical analysis of human ligamentum flavum in the cervical spine: Special consideration to the attachments, coverage, and lateral extent. <i>Journal of Orthopaedic Science</i> , 2017, 22, 994-1000.	0.5	14
75	Risk Factors for Delirium After Spine Surgery in Extremely Elderly Patients Aged 80 Years or Older and Review of the Literature: Japan Association of Spine Surgeons with Ambition Multicenter Study. <i>Global Spine Journal</i> , 2017, 7, 560-566.	1.2	48
76	Risk factors for cognitive decline following osteoporotic vertebral fractures: A multicenter cohort study. <i>Journal of Orthopaedic Science</i> , 2017, 22, 834-839.	0.5	7
77	Restrictions of cervical flexion after laminoplasty increase in the mechanical stress at the occipitocervical junction in non-rheumatoid arthritis patients. <i>Journal of Clinical Neuroscience</i> , 2017, 45, 187-192.	0.8	5
78	Risk factors of cervical surgery related complications in patients older than 80 years. <i>Spine Surgery and Related Research</i> , 2017, 1, 179-184.	0.4	3
79	Prevalence of Diffuse Idiopathic Skeletal Hyperostosis in Patients with Spinal Disorders. <i>Asian Spine Journal</i> , 2017, 11, 63-70.	0.8	31
80	Clinical and Radiological Outcomes after Microscopic Bilateral Decompression via a Unilateral Approach for Degenerative Lumbar Disease: Minimum 5-Year Follow-Up. <i>Asian Spine Journal</i> , 2017, 11, 285-293.	0.8	8
81	Anatomical Location of the Common Iliac Veins at the Level of the Sacrum: Relationship between Perforation Risk and the Trajectory Angle of the Screw. <i>BioMed Research International</i> , 2016, 2016, 1-9.	0.9	8
82	Clinical Outcome of Cervical Laminoplasty and Postoperative Radiological Change for Cervical Myelopathy With Degenerative Spondylolisthesis. <i>Spine</i> , 2016, 41, 1808-1812.	1.0	19
83	Laminar closure after expansive open-door laminoplasty: fixation methods and cervical alignments impact on the laminar closure and surgical outcomes. <i>Spine Journal</i> , 2016, 16, 1062-1069.	0.6	25
84	Factors associated with improvement in sagittal spinal alignment after microendoscopic laminotomy in patients with lumbar spinal canal stenosis. <i>Journal of Neurosurgery: Spine</i> , 2016, 25, 39-45.	0.9	33
85	Effect of Spinal Fixation in Rabbits With Metastatic Tumor Using a Novel Spinal Fusion Model. <i>Clinical Spine Surgery</i> , 2016, 29, E215-E221.	0.7	2
86	Utility of Discography as a Preoperative Diagnostic Tool for Intradural Lumbar Disc Herniation. <i>Asian Spine Journal</i> , 2016, 10, 771.	0.8	10
87	A new corrective technique for adolescent idiopathic scoliosis: convex manipulation using 6.35 mm diameter pure titanium rod followed by concave fixation using 6.35 mm diameter titanium alloy. <i>Scoliosis</i> , 2015, 10, S14.	0.4	15
88	Which is the best schedule of autologous blood storage for preoperative adolescent idiopathic scoliosis patients?. <i>Scoliosis</i> , 2015, 10, S11.	0.4	3
89	Which is the best schedule of autologous blood storage for pre-operative AIS patients? Every week or every 2 weeks. <i>Scoliosis</i> , 2015, 10, .	0.4	1
90	A new corrective technique for Adolescent Idiopathic Scoliosis. Convex manipulation using 6.35mm diameter pure titanium rod followed by concave fixation using 6.35mm diameter titanium alloy. <i>Scoliosis</i> , 2015, 10, .	0.4	1

#	ARTICLE	IF	CITATIONS
91	The influence of preoperative spinal sagittal balance on clinical outcomes after microendoscopic laminotomy in patients with lumbar spinal canal stenosis. <i>Journal of Neurosurgery: Spine</i> , 2015, 23, 49-54.	0.9	51
92	PCSK5 mutation in a patient with the VACTERL association. <i>BMC Research Notes</i> , 2015, 8, 228.	0.6	12
93	Spinopelvic alignment of diffuse idiopathic skeletal hyperostosis in lumbar spinal stenosis. <i>European Spine Journal</i> , 2014, 23, 1302-1308.	1.0	15
94	Tandem keyhole foraminotomy in the treatment of cervical radiculopathy: retrospective review of 35 cases. <i>Journal of Orthopaedic Surgery and Research</i> , 2014, 9, 38.	0.9	26
95	The role of internal fixation for long bone metastasis prior to impending fracture: an experimental model. <i>Journal of Orthopaedic Science</i> , 2013, 18, 659-666.	0.5	4
96	Radiographic evaluation of postoperative bone regrowth after microscopic bilateral decompression via a unilateral approach for degenerative lumbar spondylolisthesis. <i>Journal of Neurosurgery: Spine</i> , 2013, 18, 472-478.	0.9	37
97	Characteristics of Diabetes Associated With Poor Improvements in Clinical Outcomes After Lumbar Spine Surgery. <i>Spine</i> , 2013, 38, 516-522.	1.0	82
98	Radiographic Evaluation of Segmental Motion of Scoliotic Wedging Segment in Degenerative Lumbar Scoliosis. <i>Journal of Spinal Disorders and Techniques</i> , 2013, 26, 379-384.	1.8	9
99	Impact of Initial Conservative Treatment Interventions on the Outcomes of Patients With Osteoporotic Vertebral Fractures. <i>Spine</i> , 2013, 38, E641-E648.	1.0	44
100	Asymmetric Degeneration of Paravertebral Muscles in Patients With Degenerative Lumbar Scoliosis. <i>Spine</i> , 2012, 37, 1398-1406.	1.0	83
101	Prognostic Factors for Reduction of Activities of Daily Living Following Osteoporotic Vertebral Fractures. <i>Spine</i> , 2012, 37, 1115-1121.	1.0	38
102	Cellularity and Cartilage Matrix Increased in Hypertrophied Ligamentum Flavum. <i>Journal of Spinal Disorders and Techniques</i> , 2012, 25, 107-115.	1.8	26
103	Risk Factor Analysis for Motor Deficit and Delayed Recovery Associated With L4/5 Lumbar Disc Herniation. <i>Journal of Spinal Disorders and Techniques</i> , 2011, 24, 1-5.	1.8	31
104	Characteristic Radiographic or Magnetic Resonance Images of Fresh Osteoporotic Vertebral Fractures Predicting Potential Risk for Nonunion. <i>Spine</i> , 2011, 36, 1229-1235.	1.0	138
105	The influence of approach side on facet preservation in microscopic bilateral decompression via a unilateral approach for degenerative lumbar scoliosis. <i>Journal of Neurosurgery: Spine</i> , 2010, 13, 758-765.	0.9	32
106	Repair of long intercalated rib defects in dogs using recombinant human bone morphogenetic protein-2 delivered by a synthetic polymer and beta-tricalcium phosphate. <i>Journal of Biomedical Materials Research - Part A</i> , 2009, 90A, 514-521.	2.1	18
107	Factors affecting neurological deficits and intractable back pain in patients with insufficient bone union following osteoporotic vertebral fracture. <i>European Spine Journal</i> , 2009, 18, 1279-1286.	1.0	55
108	Ependymal cyst in the lumbar spine associated with cauda equina compression. <i>Journal of Clinical Neuroscience</i> , 2008, 15, 827-830.	0.8	15

#	ARTICLE	IF	CITATIONS
109	Why does delay exist in the diagnosis of intradural spinal cord tumor despite the availability of MRI?. <i>Journal of Clinical Neuroscience</i> , 2008, 15, 880-885.	0.8	11
110	Regenerative Repair of Long Intercalated Rib Defects Using Porous Cylinders of β -Tricalcium Phosphate: An Experimental Study in a Canine Model. <i>Plastic and Reconstructive Surgery</i> , 2007, 119, 1431-1439.	0.7	9
111	Enhancing Effects of a Prostaglandin EP4 Receptor Agonist on Recombinant Human Bone Morphogenetic Protein-2 Mediated Spine Fusion in a Rabbit Model. <i>Spine</i> , 2007, 32, 2294-2299.	1.0	20
112	Engineering of Implantable Cartilaginous Structures from Bone Marrow-Derived Mesenchymal Stem Cells. <i>Tissue Engineering</i> , 2007, 13, 87-99.	4.9	73
113	Repair of bone defects in revision hip arthroplasty by implantation of a new bone-inducing material comprised of recombinant human BMP-2, Beta-TCP powder, and a biodegradable polymer: An experimental study in dogs. <i>Journal of Orthopaedic Research</i> , 2007, 25, 1042-1051.	1.2	22
114	Endoscopic vertebroplasty for the treatment of chronic vertebral compression fracture. <i>Journal of Neurosurgery: Spine</i> , 2006, 5, 461-467.	0.9	4
115	Optimized use of a biodegradable polymer as a carrier material for the local delivery of recombinant human bone morphogenetic protein-2 (rhBMP-2). <i>Biomaterials</i> , 2006, 27, 2035-2041.	5.7	78
116	Ectopic bone formation in mice associated with a lactic acid/dioxanone/ethylene glycol copolymer-tricalcium phosphate composite with added recombinant human bone morphogenetic protein-2. <i>Biomaterials</i> , 2006, 27, 3927-3933.	5.7	46
117	Objective assessment of reduced invasiveness in MED. <i>European Spine Journal</i> , 2006, 15, 577-582.	1.0	85
118	Accelerated repair of a bone defect with a synthetic biodegradable bone-inducing implant. <i>Journal of Orthopaedic Science</i> , 2006, 11, 505-511.	0.5	26
119	Repair of long intercalated rib defects using porous beta-tricalcium phosphate cylinders containing recombinant human bone morphogenetic protein-2 in dogs. <i>Biomaterials</i> , 2006, 27, 4934-4940.	5.7	55
120	A biodegradable delivery system for antibiotics and recombinant human bone morphogenetic protein-2: A potential treatment for infected bone defects. <i>Journal of Orthopaedic Research</i> , 2006, 24, 327-332.	1.2	39
121	Experimental Spinal Fusion With Recombinant Human Bone Morphogenetic Protein-2 Delivered by a Synthetic Polymer and β -Tricalcium Phosphate in a Rabbit Model. <i>Spine</i> , 2005, 30, 1717-1722.	1.0	53
122	Repair of an intercalated long bone defect with a synthetic biodegradable bone-inducing implant. <i>Biomaterials</i> , 2005, 26, 5145-5152.	5.7	92
123	Hepatocyte Growth Factor Contributes to Fracture Repair by Upregulating the Expression of BMP Receptors. <i>Journal of Bone and Mineral Research</i> , 2005, 20, 1723-1730.	3.1	41
124	Augmentation of bone morphogenetic protein-induced bone mass by local delivery of a prostaglandin E EP4 receptor agonist. <i>Bone</i> , 2005, 37, 555-562.	1.4	48
125	Osteoclastogenesis on Tissue-Engineered Bone. <i>Tissue Engineering</i> , 2004, 10, 93-100.	4.9	48
126	Does chronic cervical myelopathy affect respiratory function?. <i>Journal of Neurosurgery: Spine</i> , 2004, 1, 175-178.	0.9	35

#	ARTICLE	IF	CITATIONS
127	Endothelialized Networks with a Vascular Geometry in Microfabricated Poly(dimethyl siloxane). Biomedical Microdevices, 2004, 6, 269-278.	1.4	203
128	A new bone-inducing biodegradable porous β -tricalcium phosphate. Journal of Biomedical Materials Research Part B, 2004, 70A, 450-458.	3.0	67
129	A prostanoid receptor EP4 agonist enhances ectopic bone formation induced by recombinant human bone morphogenetic protein-2. Biochemical and Biophysical Research Communications, 2004, 318, 704-709.	1.0	31
130	Formation of a mandibular condyle in vitro by tissue engineering. Journal of Oral and Maxillofacial Surgery, 2003, 61, 94-100.	0.5	116
131	A biodegradable nanofiber scaffold by electrospinning and its potential for bone tissue engineering. Biomaterials, 2003, 24, 2077-2082.	5.7	1,824
132	In vitro engineering of bone using a rotational oxygen-permeable bioreactor system. Materials Science and Engineering C, 2002, 20, 3-8.	3.8	60
133	Microfabrication Technology for Vascularized Tissue Engineering. Biomedical Microdevices, 2002, 4, 167-175.	1.4	325
134	Capillary Formation In Microfabricated Polymer Scaffolds. Materials Research Society Symposia Proceedings, 2001, 711, 1.	0.1	2
135	Exome Sequencing Reveals De Novo Variants in Congenital Scoliosis. Journal of Pediatric Genetics, 0, , .	0.3	0