

# Taolin Fang

## List of Publications by Year in descending order

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Version: 2024-02-01

61  
papers

1,824  
citations

279701

23  
h-index

289141

40  
g-index

62  
all docs

62  
docs citations

62  
times ranked

3076  
citing authors

#	ARTICLE	IF	CITATIONS
1	Propensity Score Matching. <i>Clinical Spine Surgery</i> , 2020, 33, 120-122.	0.7	236
2	A Prospective Study of Neurologic Disorders in Hospitalized Patients With COVID-19 in New York City. <i>Neurology</i> , 2021, 96, e575-e586.	1.5	220
3	The repair of large segmental bone defects in the rabbit with vascularized tissue engineered bone. <i>Biomaterials</i> , 2010, 31, 1171-1179.	5.7	156
4	A prospective study of long-term outcomes among hospitalized COVID-19 patients with and without neurological complications. <i>Journal of the Neurological Sciences</i> , 2021, 426, 117486.	0.3	134
5	GSK-3 $\beta$ inhibitors suppressed neuroinflammation in rat cortex by activating autophagy in ischemic brain injury. <i>Biochemical and Biophysical Research Communications</i> , 2011, 411, 271-275.	1.0	94
6	Vancomycin-loaded nano-hydroxyapatite pellets to treat MRSA-induced chronic osteomyelitis with bone defect in rabbits. <i>Inflammation Research</i> , 2012, 61, 207-215.	1.6	74
7	Comparison of stand-alone polyetheretherketone cages and iliac crest autografts for the treatment of cervical degenerative disc diseases. <i>Acta Neurochirurgica</i> , 2011, 153, 115-122.	0.9	59
8	Comparison of mini-open anterior corpectomy and posterior total en bloc spondylectomy for solitary metastases of the thoracolumbar spine. <i>Journal of Neurosurgery: Spine</i> , 2012, 17, 271-279.	0.9	56
9	Vascularized fibular grafts in patients with avascular necrosis of femoral head: a systematic review and meta-analysis. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2013, 133, 1-10.	1.3	50
10	Three-level anterior cervical discectomy and fusion with self-locking stand-alone polyetheretherketone cages. <i>Journal of Clinical Neuroscience</i> , 2011, 18, 1505-1509.	0.8	44
11	Obesity-Induced Hypertension: Brain Signaling Pathways. <i>Current Hypertension Reports</i> , 2016, 18, 58.	1.5	42
12	Clinical Application of Cultured Epithelial Autografts on Acellular Dermal Matrices in the Treatment of Extended Burn Injuries. <i>Annals of Plastic Surgery</i> , 2014, 73, 509-515.	0.5	39
13	Recipient Vessels in the Free Flap Reconstruction Around the Knee. <i>Annals of Plastic Surgery</i> , 2013, 71, 429-433.	0.5	38
14	Effects of Vascular Endothelial Growth Factor on Survival of Surgical Flaps: A Review of Experimental Studies. <i>Journal of Reconstructive Microsurgery</i> , 2014, 30, 001-014.	1.0	38
15	Free deep inferior epigastric artery perforator flap for reconstruction of soft-tissue defects in extremities of children. <i>Microsurgery</i> , 2013, 33, 612-619.	0.6	36
16	Ultrasound-triggered antibiotic release from PEEK clips to prevent spinal fusion infection: Initial evaluations. <i>Acta Biomaterialia</i> , 2019, 93, 12-24.	4.1	30
17	Role of the brain melanocortins in blood pressure regulation. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 2508-2514.	1.8	28
18	Toxic Metabolic Encephalopathy in Hospitalized Patients with COVID-19. <i>Neurocritical Care</i> , 2021, 35, 693-706.	1.2	28

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19	Are Outcomes of Anterior Cervical Discectomy and Fusion Influenced by Presurgical Depression Symptoms on the Mental Component Score of the Short Form-12 Survey?. <i>Spine</i> , 2020, 45, 201-207.	1.0	27
20	Silk coating on poly( $\epsilon$ -caprolactone) microspheres for the delayed release of vancomycin. <i>Journal of Microencapsulation</i> , 2011, 28, 99-107.	1.2	26
21	Inflammatory Response and Survival of Pedicled Abdominal Flaps in a Rat Model after Perivascular Application of Botulinum Toxin Type A. <i>Plastic and Reconstructive Surgery</i> , 2014, 133, 491e-498e.	0.7	26
22	Regional and experiential differences in surgeon preference for the treatment of cervical facet injuries: a case study survey with the AO Spine Cervical Classification Validation Group. <i>European Spine Journal</i> , 2021, 30, 517-523.	1.0	26
23	Repair of bone defect with vascularized tissue engineered bone graft seeded with mesenchymal stem cells in rabbits. <i>Microsurgery</i> , 2011, 31, 130-137.	0.6	25
24	The controlled release of vancomycin in gelatin/TCPP composite scaffolds. <i>Journal of Biomedical Materials Research - Part A</i> , 2012, 100A, 2295-2301.	2.1	25
25	Poly ( $\epsilon$ -caprolactone) coating delays vancomycin delivery from porous chitosan/calcium phosphate composites. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2012, 100B, 1803-1811.	1.6	24
26	Instrumented transforaminal lumbar interbody fusion with single cage for the treatment of degenerative lumbar disease. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2011, 131, 1239-1245.	1.3	22
27	Levetiracetam for Seizure Prophylaxis in Neurocritical Care: A Systematic Review and Meta-analysis. <i>Neurocritical Care</i> , 2022, 36, 248-258.	1.2	21
28	How Does Body Mass Index Influence Outcomes in Patients After Lumbar Fusion?. <i>Spine</i> , 2020, 45, 555-561.	1.0	18
29	Circulating miR-155-5p as a Novel Biomarker of Lumbar Degenerative Disc Disease. <i>Spine</i> , 2020, 45, E499-E507.	1.0	17
30	Longer Preoperative Duration of Symptoms Negatively Affects Health-related Quality of Life After Surgery for Cervical Radiculopathy. <i>Spine</i> , 2019, 44, 685-690.	1.0	15
31	Wearable Technology in Spine Surgery. <i>Clinical Spine Surgery</i> , 2020, 33, 218-221.	0.7	15
32	Changes of the donor nerve in end-to-side neurorrhaphies with epineurial window and partial neurectomy: A long-term evaluation in the rat model. <i>Microsurgery</i> , 2014, 34, 136-144.	0.6	14
33	Stimulation of osteogenic activity in mesenchymal stem cells by FK506. <i>Journal of Biomedical Materials Research - Part A</i> , 2008, 86A, 235-243.	2.1	13
34	The Effect of Activated Protein C on Attenuation of Ischemia-Reperfusion Injury in a Rat Muscle Flap Model. <i>Annals of Plastic Surgery</i> , 2015, 75, 448-454.	0.5	12
35	Comparison of Plastic Surgery Residency Training in United States and China. <i>Annals of Plastic Surgery</i> , 2015, 75, 672-678.	0.5	11
36	Cost-effectiveness Applications of Patient-reported Outcome Measures (PROMs) in Spine Surgery. <i>Clinical Spine Surgery</i> , 2020, 33, 140-145.	0.7	11

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37	The Accurate Free-hand Placement of S2 Alar Iliac (S2AI) Screw. <i>Clinical Spine Surgery</i> , 2020, 33, 102-103.	0.7	10
38	Does Smoking Status Influence Health-Related Quality of Life Outcome Measures in Patients Undergoing ACDF?. <i>Global Spine Journal</i> , 2021, 11, 50-56.	1.2	10
39	Consensus on Implants in Infections After Spine Surgery. <i>Clinical Spine Surgery</i> , 2020, 33, 163-171.	0.7	9
40	Is Wearable Technology Part of the Future of Orthopedic Health Care?. <i>Clinical Spine Surgery</i> , 2020, 33, 99-101.	0.7	8
41	The C2 â€œParsicleâ€-Screw. <i>Clinical Spine Surgery</i> , 2020, 33, 146-149.	0.7	7
42	Effect of Sildenafil on Peripheral Nerve Regeneration. <i>Annals of Plastic Surgery</i> , 2013, 70, 62-65.	0.5	4
43	The impact of social media in orthopaedics. <i>Current Orthopaedic Practice</i> , 2019, 30, 419-422.	0.1	4
44	Consensus on Wound Care of SSI in Spine Surgery. <i>Clinical Spine Surgery</i> , 2019, 33, 1.	0.7	3
45	Consensus on Risk Factors and Prevention in SSI in Spine Surgery. <i>Clinical Spine Surgery</i> , 2020, 33, E213-E225.	0.7	3
46	Role of Imaging, Tissue Sampling, and Biomarkers for Diagnosis of SSI in Spine Surgery. <i>Clinical Spine Surgery</i> , 2019, 33, 1.	0.7	3
47	General Principles in the Consensus of SSI Management After Spine Surgery. <i>Clinical Spine Surgery</i> , 2019, 33, 1.	0.7	2
48	Does Riluzole Influence Bone Formation?. <i>Spine</i> , 2019, 44, 1107-1117.	1.0	2
49	Consensus on the Role of Antibiotic Use in SSI Following Spinal Surgery. <i>Clinical Spine Surgery</i> , 2020, 33, E116-E126.	0.7	2
50	Fellow Versus Resident. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , The, 2020, 28, e401-e407.	1.1	2
51	Variation in global treatment for subaxial cervical spine isolated unilateral facet fractures. <i>European Spine Journal</i> , 2021, 30, 1635-1650.	1.0	2
52	139. Serum MicroRNA miR-155-5p as a potential biomarker of degenerative disc disease in patients with low back pain. <i>Spine Journal</i> , 2019, 19, S67.	0.6	1
53	205. Can imaging characteristics on MRI predict the acuity of a lumbar disc herniation?. <i>Spine Journal</i> , 2019, 19, S99.	0.6	1
54	Processing and Handling Cost of Single-use Versus Traditional Instrumentation for 1 Level Lumbar Fusions. <i>Clinical Spine Surgery</i> , 2021, 34, E39-E44.	0.7	1

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55	Thursday, September 27, 2018 1:05 PM–2:05 PM Lumbar Spine Surgery: What You Need to Know. Spine Journal, 2018, 18, S56.	0.6	0
56	Characterization of Ultrasound-Triggered Bulk Antibiotic Release from Novel Spinal Hardware. , 2019, , .		0
57	Acceleration of Fracture Healing: a Comparison Between Clinical Available Low Intensity Pulsed Ultrasound (LIPUS) and a Novel BiModal Acoustic Signal System. , 2019, , .		0
58	Statistics for the Practicing Spine Surgeon. Clinical Spine Surgery, 2020, 33, 35-39.	0.7	0
59	Statistics for the Practicing Spine Surgeon. Clinical Spine Surgery, 2020, 33, 156-159.	0.7	0
60	Are Industry-funded Studies of Cervical Disc Arthroplasty Versus Anterior Cervical Discectomy and Fusion Biased?. Clinical Spine Surgery, 2021, 34, 1-3.	0.7	0
61	Do Inflammatory Cytokines Affect Patient Outcomes After ACDF?. Clinical Spine Surgery, 2022, 35, 137-143.	0.7	0