

# Xi Yang

## List of Publications by Year in descending order

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104  
papers

2,201  
citations

236833

25  
h-index

265120

42  
g-index

123  
all docs

123  
docs citations

123  
times ranked

3447  
citing authors

#	ARTICLE	IF	CITATIONS
1	Artificial Virus Delivers CRISPR-Cas9 System for Genome Editing of Cells in Mice. ACS Nano, 2017, 11, 95-111.	7.3	202
2	Comparison of osteointegration property between PEKK and PEEK: Effects of surface structure and chemistry. Biomaterials, 2018, 170, 116-126.	5.7	141
3	Curcumin-Encapsulated Polymeric Micelles Suppress the Development of Colon Cancer In Vitro and In Vivo. Scientific Reports, 2015, 5, 10322.	1.6	118
4	Gut Microbiome as a Potential Factor for Modulating Resistance to Cancer Immunotherapy. Frontiers in Immunology, 2019, 10, 2989.	2.2	86
5	The characteristics of spinopelvic sagittal alignment in patients with lumbar disc degenerative diseases. European Spine Journal, 2014, 23, 569-575.	1.0	78
6	A biomimetically hierarchical polyetherketoneketone scaffold for osteoporotic bone repair. Science Advances, 2020, 6, .	4.7	73
7	Peritoneal adhesion prevention with a biodegradable and injectable N,O-carboxymethyl chitosan-aldehyde hyaluronic acid hydrogel in a rat repeated-injury model. Scientific Reports, 2016, 6, 37600.	1.6	68
8	Comparison of anterior cervical fusion by titanium mesh cage versus nano-hydroxyapatite/polyamide cage following single-level corpectomy. International Orthopaedics, 2013, 37, 2421-2427.	0.9	62
9	The Era of Radiogenomics in Precision Medicine: An Emerging Approach to Support Diagnosis, Treatment Decisions, and Prognostication in Oncology. Frontiers in Oncology, 2020, 10, 570465.	1.3	60
10	Multifunctional "core-shell" nanoparticles-based gene delivery for treatment of aggressive melanoma. Biomaterials, 2016, 111, 124-137.	5.7	51
11	Nanomaterials for radiotherapeutics-based multimodal synergistic cancer therapy. Nano Research, 2020, 13, 2579-2594.	5.8	49
12	A review of the mechanism of the central analgesic effect of lidocaine. Medicine (United States), 2020, 99, e19898.	0.4	47
13	Processing and Properties of Bioactive Surface-Porous PEKK. ACS Biomaterials Science and Engineering, 2016, 2, 977-986.	2.6	44
14	Co-delivery of doxorubicin and curcumin by polymeric micelles for improving antitumor efficacy on breast carcinoma. RSC Advances, 2014, 4, 46737-46750.	1.7	41
15	Paclitaxel and Tacrolimus Coencapsulated Polymeric Micelles That Enhance the Therapeutic Effect of Drug-Resistant Ovarian Cancer. ACS Applied Materials & Interfaces, 2016, 8, 4368-4377.	4.0	39
16	Multifunctional Nucleus-targeting Nanoparticles with Ultra-high Gene Transfection Efficiency for <i>In Vivo</i> Gene Therapy. Theranostics, 2017, 7, 1633-1649.	4.6	39
17	Thermosensitive hydrogel containing dexamethasone micelles for preventing postsurgical adhesion in a repeated-injury model. Scientific Reports, 2015, 5, 13553.	1.6	38
18	TRAIL and curcumin codelivery nanoparticles enhance TRAIL-induced apoptosis through upregulation of death receptors. Drug Delivery, 2017, 24, 1526-1536.	2.5	38

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19	Polymeric nanoassemblies entrapping curcumin overcome multidrug resistance in ovarian cancer. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 126, 26-34.	2.5	37
20	Anterior Reconstruction With Nano-hydroxyapatite/polyamide-66 Cage After Thoracic and Lumbar Corpectomy. <i>Orthopedics</i> , 2012, 35, e66-73.	0.5	37
21	Biodegradable polymeric micelles coencapsulating paclitaxel and honokiol: a strategy for breast cancer therapy in vitro and in vivo. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 1499-1514.	3.3	35
22	Adverse Events of Concurrent Immune Checkpoint Inhibitors and Antiangiogenic Agents: A Systematic Review. <i>Frontiers in Pharmacology</i> , 2019, 10, 1173.	1.6	35
23	Ribavirin Inhibits the Activity of mTOR/eIF4E, ERK/Mnk1/eIF4E Signaling Pathway and Synergizes with Tyrosine Kinase Inhibitor Imatinib to Impair Bcr-Abl Mediated Proliferation and Apoptosis in Ph+ Leukemia. <i>PLoS ONE</i> , 2015, 10, e0136746.	1.1	33
24	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.	0.7	29
25	Clinical and radiographic outcome of unilateral open-door laminoplasty with alternative levels centerpiece mini-plate fixation for cervical compressive myelopathy: a five-year follow-up study. <i>International Orthopaedics</i> , 2016, 40, 1267-1274.	0.9	28
26	Pre- and Postoperative Spinopelvic Sagittal Balance in Adolescent Patients With Lenke Type 5 Idiopathic Scoliosis. <i>Spine</i> , 2015, 40, 102-108.	1.0	26
27	Clinical implications of six inflammatory biomarkers as prognostic indicators in Ewing sarcoma. <i>Cancer Management and Research</i> , 2017, Volume 9, 443-451.	0.9	26
28	YTH Domain Proteins: A Family of m6A Readers in Cancer Progression. <i>Frontiers in Oncology</i> , 2021, 11, 629560.	1.3	25
29	Multivariate classification of drug-naïve obsessive-compulsive disorder patients and healthy controls by applying an SVM to resting-state functional MRI data. <i>BMC Psychiatry</i> , 2019, 19, 210.	1.1	24
30	Intrinsic brain abnormalities in drug-naïve patients with obsessive-compulsive disorder: A resting-state functional MRI study. <i>Journal of Affective Disorders</i> , 2019, 245, 861-868.	2.0	23
31	Photothermal hydrogel platform for prevention of post-surgical tumor recurrence and improving breast reconstruction. <i>Journal of Nanobiotechnology</i> , 2021, 19, 307.	4.2	21
32	LncRNA TP73 $\beta$ AS1 predicts poor prognosis and functions as oncogenic lncRNA in osteosarcoma. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 2569-2575.	1.2	20
33	Emerging S-shaped curves in congenital scoliosis after hemivertebra resection and short segmental fusion. <i>Spine Journal</i> , 2016, 16, 1214-1220.	0.6	19
34	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.	0.7	18
35	Comprehensive analysis of the prognosis and immune infiltration for CXC chemokines in colorectal cancer. <i>Aging</i> , 2021, 13, 17548-17567.	1.4	17
36	Diagnosis and surgical treatment of progressive pseudorheumatoid dysplasia in an adult with severe spinal disorders and polyarthropathy. <i>Joint Bone Spine</i> , 2013, 80, 650-652.	0.8	16

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37	Outcome of single level anterior cervical discectomy and fusion using nano-hydroxyapatite/polyamide-66 cage. Indian Journal of Orthopaedics, 2014, 48, 152-157.	0.5	16
38	Mammalian target of rapamycin inhibitor rapamycin enhances anti-leukemia effect of imatinib on acute lymphoblastic leukemia cells. European Journal of Haematology, 2014, 92, 111-120.	1.1	16
39	A novel anticaries agent, honokiol-loaded poly(amido amine) dendrimer, for simultaneous long-term antibacterial treatment and remineralization of demineralized enamel. Dental Materials, 2021, 37, 1337-1349.	1.6	16
40	In Vitro and In Vivo Safety Evaluation of Biodegradable Self-Assembled Monomethyl Poly (Ethylene) Terephthalate. Journal of Biomedical Sciences, 2014, 103, 305-313.	1.6	15
41	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. Clinical Neurology and Neurosurgery, 2019, 176, 25-29.	0.6	15
42	The effect of multiple-dose oral versus intravenous tranexamic acid in reducing postoperative blood loss and transfusion rate after adolescent scoliosis surgery: a randomized controlled trial. Spine Journal, 2021, 21, 312-320.	0.6	15
43	High CFTR expression in philadelphia chromosome-positive acute leukemia protects and maintains continuous activation of BCR-ABL and related signaling pathways in combination with PP2A. Oncotarget, 2017, 8, 24437-24448.	0.8	14
44	Comparison of anterior and posterior vertebral column resection versus anterior and posterior spinal fusion for severe and rigid scoliosis. Spine Journal, 2018, 18, 948-953.	0.6	13
45	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. World Neurosurgery, 2018, 117, e522-e529.	0.7	13
46	Impact of the occiput and external acoustic meatus to axis angle on dysphagia in patients suffering from anterior atlantoaxial subluxation after occipitocervical fusion. Spine Journal, 2019, 19, 1362-1368.	0.6	13
47	Predictive abilities of O-C2a and O-EAa for the development of postoperative dysphagia in patients undergoing occipitocervical fusion. Spine Journal, 2020, 20, 745-753.	0.6	13
48	Prediction of Proximal Junctional Kyphosis After Posterior Scoliosis Surgery With Machine Learning in the Lenke 5 Adolescent Idiopathic Scoliosis Patient. Frontiers in Bioengineering and Biotechnology, 2020, 8, 559387.	2.0	13
49	Efficacy and safety of one-stage posterior hemivertebral resection for unbalanced multiple hemivertebrae: A more than 2-year follow-up. Clinical Neurology and Neurosurgery, 2017, 160, 130-136.	0.6	12
50	Cervical kyphosis in patients with Lenke type 1 adolescent idiopathic scoliosis: the prediction of thoracic inlet angle. BMC Musculoskeletal Disorders, 2017, 18, 220.	0.8	12
51	Biological applications of a turn-on bioluminescent probe for monitoring sulfite oxidase deficiency in vivo. European Journal of Medicinal Chemistry, 2020, 200, 112476.	2.6	12
52	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. Clinical Neurology and Neurosurgery, 2018, 164, 154-159.	0.6	11
53	Coronal and sagittal balance in Lenke 5 AIS patients following posterior fusion: important role of the lowest instrument vertebrae selection. BMC Musculoskeletal Disorders, 2018, 19, 212.	0.8	11
54	Surgical treatment for severe and rigid scoliosis: a case-matched study between idiopathic scoliosis and syringomyelia-associated scoliosis. Spine Journal, 2019, 19, 87-94.	0.6	11

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55	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.	0.5	11
56	Comparison of dynamic cervical implant versus anterior cervical discectomy and fusion for the treatment of single-level cervical degenerative disc disease: A five-year follow-up. <i>Clinical Neurology and Neurosurgery</i> , 2018, 164, 103-107.	0.6	10
57	A novel TRAIL mutant-TRAIL-Mu3 enhances the antitumor effects by the increased affinity and the up-expression of DR5 in pancreatic cancer. <i>Cancer Chemotherapy and Pharmacology</i> , 2018, 82, 829-838.	1.1	10
58	Extracellular vesicles in bone and tooth: A state-of-art paradigm in skeletal regeneration. <i>Journal of Cellular Physiology</i> , 2019, 234, 14838-14851.	2.0	10
59	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.	0.6	10
60	Inspiration for COVID-19 Treatment: Network Analysis and Experimental Validation of Baicalin for Cytokine Storm. <i>Frontiers in Pharmacology</i> , 2022, 13, 853496.	1.6	10
61	Antileukaemia effect of rapamycin alone or in combination with daunorubicin on ph+ acute lymphoblastic leukaemia cell line. <i>Hematological Oncology</i> , 2012, 30, 123-130.	0.8	9
62	Clinical and radiographic outcome of dynamic cervical implant (DCI) arthroplasty for degenerative cervical disc disease: a minimal five-year follow-up. <i>BMC Musculoskeletal Disorders</i> , 2018, 19, 101.	0.8	9
63	Predictive ability of pharyngeal inlet angle for the occurrence of postoperative dysphagia after occipitocervical fusion. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 54.	0.8	9
64	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.	8.6	9
65	High-expressing cystic fibrosis transmembrane conductance regulator interacts with histone deacetylase 2 to promote the development of Ph+ leukemia through the HDAC2-mediated PTEN pathway. <i>Leukemia Research</i> , 2017, 57, 9-19.	0.4	8
66	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.	0.6	8
67	Traumatic high-grade L5-S1 spondylolisthesis with vertebral physeal injury. <i>Spine Journal</i> , 2015, 15, 2097-2098.	0.6	7
68	Hidden RNA pairings counteract the "first-come, first-served" splicing principle to drive stochastic choice in <i>Dscam1</i> splice variants. <i>Science Advances</i> , 2022, 8, eabm1763.	4.7	6
69	An <i>in situ</i> spontaneously forming micelle-hydrogel system with programmable release for the sequential therapy of anaplastic thyroid cancer. <i>Journal of Materials Chemistry B</i> , 2022, 10, 1236-1249.	2.9	6
70	Evaluation of Bioabsorbable Multiamino Acid Copolymer/Nanohydroxyapatite/Calcium Sulfate Cage in a Goat Spine Model. <i>World Neurosurgery</i> , 2017, 103, 341-347.	0.7	5
71	Niemann-Pick disease type C1 (NPC1) is involved in resistance against imatinib in the imatinib-resistant Ph+ acute lymphoblastic leukemia cell line SUP-B15/RI. <i>Leukemia Research</i> , 2016, 42, 59-67.	0.4	4
72	Treatment with Brivanib alaninate as a second-line monotherapy after Sorafenib failure in hepatocellular carcinoma. <i>Medicine (United States)</i> , 2019, 98, e14823.	0.4	4

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73	The Efficacy of Hemivertebra Resection for Hemimetameric Segmental Shift. <i>World Neurosurgery</i> , 2019, 121, e528-e534.	0.7	4
74	Emerging nanomaterials applied for tackling the COVID-19 cytokine storm. <i>Journal of Materials Chemistry B</i> , 2021, 9, 8185-8201.	2.9	4
75	Proximal junctional kyphosis in Lenke 5 AIS patients: the important factor of pelvic incidence. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 185.	0.8	4
76	Association of Matrix Metalloproteinase1-1607 1G&gt;2G Polymorphism and Lung Cancer Risk: An Update by Meta-Analysis. <i>Asian Pacific Journal of Cancer Prevention</i> , 2019, 20, 1841-1847.	0.5	4
77	Surgical Treatment of Scoliosis-Associated with Syringomyelia: The Role of Syrinx Size. <i>Neurology India</i> , 2020, 68, 299.	0.2	4
78	Differences in potential key genes and pathways between primary and radiation-associated angiosarcoma of the breast. <i>Translational Oncology</i> , 2022, 19, 101385.	1.7	4
79	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.	1.6	3
80	Analysis of the Cervical Sagittal Alignment in Patients with Unstable Hangman Fracture Under C2 <sup>1/3</sup> Anterior Discectomy and Fusion. <i>World Neurosurgery</i> , 2020, 137, e1-e8.	0.7	3
81	Loss of Correction After Removal of Spinal Implants in Congenital Scoliosis. <i>World Neurosurgery</i> , 2020, 144, e916-e925.	0.7	3
82	A case report of severe degenerative lumbar scoliosis associated with windswept lower limb deformity. <i>BMC Surgery</i> , 2020, 20, 195.	0.6	3
83	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, 1-16.	1.9	3
84	The role of the renin-angiotensin system inhibitors in malignancy: a review. <i>American Journal of Cancer Research</i> , 2021, 11, 884-897.	1.4	3
85	Sequential sagittal alignment changes in the cervical spine after occipitocervical fusion. <i>World Journal of Clinical Cases</i> , 2022, 10, 1172-1181.	0.3	3
86	A rare case of osteoblastoma combined with severe scoliosis deformity, coronal and sagittal imbalance. <i>BMC Musculoskeletal Disorders</i> , 2017, 18, 538.	0.8	2
87	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.	1.0	2
88	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.	0.8	2
89	Inflammation-Related Genes Serve as Prognostic Biomarkers and Involve in Immunosuppressive Microenvironment to Promote Gastric Cancer Progression. <i>Frontiers in Medicine</i> , 2022, 9, 801647.	1.2	2
90	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.	0.7	1

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91	Letter to the Editor concerning "Indirect foraminal decompression and improvement in the lumbar alignment after percutaneous cement discoplasty" by Laszlo Kiss et al. (Eur Spine J; 28(6):1441-1447). European Spine Journal, 2020, 29, 199-199.	1.0	1
92	Lumbar disc herniation: long-term outcomes after mini-open discectomy. International Orthopaedics, 2020, 44, 407-407.	0.9	1
93	The Bioequivalence of Emulsified Isoflurane With a New Formulation of Emulsion: A Single-Center, Single-Dose, Double-Blinded, Randomized, Two-Period Crossover Study. Frontiers in Pharmacology, 2021, 12, 626307.	1.6	1
94	The High Expression of CFTR in Ph+ Acute Leukemia Regulates the BCR-ABL and Wnt/ -Catenin Signaling Pathway Via Interaction with PP2A Protein. Blood, 2015, 126, 1252-1252.	0.6	1
95	The predictive ability of occipital to C3 angle for dysphagia after occipitocervical fusion in patients with combined C2-C3 Klippel-Feil syndrome. BMC Musculoskeletal Disorders, 2022, 23, 123.	0.8	1
96	Identification of potential immune-related circRNA-miRNA-mRNA regulatory network in cutaneous squamous cell carcinoma. American Journal of Cancer Research, 2021, 11, 4826-4843.	1.4	1
97	The Comparison of Convolutional Neural Networks and the Manual Measurement of Cobb Angle in Adolescent Idiopathic Scoliosis. Global Spine Journal, 0, , 219256822210986.	1.2	1
98	Letter concerning "Segmental pelvic correlation (SPeC): a novel approach to understanding sagittal plane spinal alignment" by Anwar et al.. Spine Journal, 2016, 16, 1159.	0.6	0
99	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. (Spine J. 2017; 27(14):1414-1418).	0.7	0
100	To Study the Proliferative Inhibition of Anticancer Drug in Two Kinds of Ph (+) Leukemia Cell Lines.. Blood, 2009, 114, 4110-4110.	0.6	0
101	Anti-Leukemia Effect of Rapamycin Alone or Plus Daunorubicin on Acute Lymphoblastic Leukemia Cell Lines. Blood, 2010, 116, 3256-3256.	0.6	0
102	Lack of Association of the Cyclooxygenase-2 Gene 8473T>C Polymorphism with Breast Cancer Risk: a Meta-analysis. Asian Pacific Journal of Cancer Prevention, 2014, 15, 9693-9698.	0.5	0
103	Effect of simvastatin on fracture healing of type 2 diabetic rats. Panminerva Medica, 2021, 63, 392-393.	0.2	0
104	Letter to the editor regarding "Caudally directed upper-instrumented vertebra pedicle screws associated with minimized risk of proximal junctional failure in patients with long posterior spinal fusion for adult spinal deformity" by Andrew BH, et al. (Spine J. 2021 Mar 12; S1529-9430(21)00120-0). Spine Journal, 2021, 21, 2124-2125.	0.6	0