

# Chi Yang

## List of Publications by Year in Descending Order

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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.

96  
papers

1,031  
citations

17  
h-index

26  
g-index

104  
ext. papers

1,431  
ext. citations

4  
avg, IF

4.42  
L-index

#	Paper	IF	Citations
96	Anti-Swelling, Robust and Adhesive Extracellular Matrix-Mimicking Hydrogel Used as Intraoral Dressing.. <i>Advanced Materials</i> , <b>2022</b> , e2200115	24	8
95	Prognostic indicators of arthroscopic discopexy for management of temporomandibular joint closed lock.. <i>Scientific Reports</i> , <b>2022</b> , 12, 3194	4.9	1
94	Clinical and radiological outcomes of Chinese customized three-dimensionally printed total temporomandibular joint prostheses: A prospective case series study. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , <b>2021</b> , 74, 1582-1593	1.7	2
93	Do simultaneous mandibular advancement and temporomandibular joint prosthesis impact the upper airway in TMJ ankylosis patients?. <i>Annals of Translational Medicine</i> , <b>2021</b> , 9, 1638	3.2	
92	Periodontal Inflammation-Triggered by Periodontal Ligament Stem Cell Pyroptosis Exacerbates Periodontitis. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 663037	5.7	7
91	Comparison of Osteogenic Differentiation Potential of Human Dental-Derived Stem Cells Isolated from Dental Pulp, Periodontal Ligament, Dental Follicle, and Alveolar Bone. <i>Stem Cells International</i> , <b>2021</b> , 2021, 6631905	5	2
90	Pathologies associated with the mandibular third molar impaction. <i>Science Progress</i> , <b>2021</b> , 104, 36850421.1013247		
89	Preliminary Study of Standard Artificial Temporomandibular Joint Replacement With Preservation of Muscle Attachment. <i>Journal of Oral and Maxillofacial Surgery</i> , <b>2021</b> , 79, 1009-1018	1.8	0
88	Timing of force application on buccal tooth movement into bone-grafted alveolar defects: A pilot study in dogs. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , <b>2021</b> , 159, e123-e134	2.1	3
87	Injectable hydrogel with MSNs/microRNA-21-5p delivery enables both immunomodification and enhanced angiogenesis for myocardial infarction therapy in pigs. <i>Science Advances</i> , <b>2021</b> , 7,	14.3	26
86	Salicylic acid-based nanomedicine with self-immunomodulatory activity facilitates microRNA therapy for metabolic skeletal disorders. <i>Acta Biomaterialia</i> , <b>2021</b> , 130, 435-446	10.8	2
85	Characterization of Mesenchymal Stem Cells Derived from Bisphosphonate-Related Osteonecrosis of the Jaw PatientsUGingiva. <i>Stem Cell Reviews and Reports</i> , <b>2021</b> , 1	7.3	1
84	Posttraumatic Osteoarthritis of Temporomandibular Joint in Miniature Pigs. <i>Journal of Hard Tissue Biology</i> , <b>2021</b> , 30, 79-84	0.4	
83	Activating proper inflammation for wound-healing acceleration via mesoporous silica nanoparticle tissue adhesive. <i>Nano Research</i> , <b>2020</b> , 13, 373-379	10	15
82	Myositis ossificans of the masticatory muscle monitored over three generations: A case report and review of the literature. <i>Experimental and Therapeutic Medicine</i> , <b>2020</b> , 19, 2622-2626	2.1	1
81	Reliability of acellular decalcified and decalcified teeth as bone graft material: an experimental and pathological study in rats. <i>International Journal of Clinical and Experimental Pathology</i> , <b>2020</b> , 13, 837-845	1.4	1
80	Chitooligosaccharide inhibits RANKL-induced osteoclastogenesis and ligation-induced periodontitis by suppressing MAPK/ c-fos/NFATC1 signaling. <i>Journal of Cellular Physiology</i> , <b>2020</b> , 235, 3022-3032	7	7

79	Metal-Organic Framework Nanoparticles for Ameliorating Breast Cancer-Associated Osteolysis. <i>Nano Letters</i> , <b>2020</b> , 20, 829-840	11.5	34
78	Decreased Osteogenic Ability of Periodontal Ligament Stem Cells Leading to Impaired Periodontal Tissue Repair in BRONJ Patients. <i>Stem Cells and Development</i> , <b>2020</b> , 29, 156-168	4.4	6
77	Periostin Mediates Condylar Resorption via the NF- $\kappa$ B-ADAMTS5 Pathway. <i>Inflammation</i> , <b>2020</b> , 43, 455-465	5.1	5
76	Functional orthodontics after arthroscopic disk repositioning in adolescent anterior disk displacement with mandibular retrusion. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , <b>2020</b> , 130, 357-362	2	1
75	The effect of arthroscopic disc repositioning on facial growth in juvenile patients with unilateral anterior disc displacement. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , <b>2020</b> , 48, 765-771	3.6	4
74	Activation of mesenchymal stem cells promotes new bone formation within dentigerous cyst. <i>Stem Cell Research and Therapy</i> , <b>2020</b> , 11, 476	8.3	0
73	Combined Administration of Bisphosphonates, Chemotherapeutic Agents, and/or Targeted Drugs Increases the Risk for Stage 3 Medication-Related Osteonecrosis of the Jaw: A 4-Year Retrospective Study. <i>BioMed Research International</i> , <b>2020</b> , 2020, 5847429	3	1
72	Biomechanical analysis of costochondral graft fracture in temporomandibular joint replacement. <i>Scientific Reports</i> , <b>2020</b> , 10, 17754	4.9	1
71	Changes of the condylar position after modified disk repositioning: A retrospective study based on magnetic resonance imaging. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , <b>2020</b> , 129, 14-20	2	4
70	A pH-responsive platform combining chemodynamic therapy with limotherapy for simultaneous bioimaging and synergistic cancer therapy. <i>Biomaterials</i> , <b>2019</b> , 216, 119254	15.6	66
69	Endoscope-Assisted Avulsion of the Masseter Nerve Attached to the Temporomandibular Joint Disc for the Treatment of Hemimasticatory Spasm: A Report of Two Cases. <i>World Neurosurgery</i> , <b>2019</b> , 125, 443-448	2.1	1
68	Yang's Classification of Juvenile TMJ Anterior Disc Displacement Contributing to Treatment protocols. <i>Scientific Reports</i> , <b>2019</b> , 9, 5644	4.9	3
67	miRNA-21 promotes osteogenesis via the PTEN/PI3K/Akt/HIF-1 $\alpha$ pathway and enhances bone regeneration in critical size defects. <i>Stem Cell Research and Therapy</i> , <b>2019</b> , 10, 65	8.3	62
66	Modified Temporomandibular Joint Disc Repositioning With Mini-screw Anchor: Part II-Stability Evaluation by Magnetic Resonance Imaging. <i>Journal of Oral and Maxillofacial Surgery</i> , <b>2019</b> , 77, 273-279	1.8	9
65	Superhero Rictor promotes cellular differentiation of mouse embryonic stem cells. <i>Cell Death and Differentiation</i> , <b>2019</b> , 26, 958-968	12.7	15
64	A biodegradable MnSiO <sub>4</sub> @FeO nanoplatform for dual-mode magnetic resonance imaging guided combinatorial cancer therapy. <i>Biomaterials</i> , <b>2019</b> , 194, 151-160	15.6	55
63	An innovative total temporomandibular joint prosthesis with customized design and 3D printing additive fabrication: a prospective clinical study. <i>Journal of Translational Medicine</i> , <b>2019</b> , 17, 4	8.5	22
62	Diagnostic accuracy of synovial chondromatosis of the temporomandibular joint on magnetic resonance imaging. <i>PLoS ONE</i> , <b>2019</b> , 14, e0209739	3.7	8

61	Comparison of different grafting materials for treatment of bone defect distal to the molar in canine. <i>Clinical Implant Dentistry and Related Research</i> , <b>2018</b> , 20, 444-454	3.9	6
60	Skull Base Erosion Resulting From Primary Tumors of the Temporomandibular Joint and Skull Base Region: Our Classification and Reconstruction Experience. <i>Journal of Oral and Maxillofacial Surgery</i> , <b>2018</b> , 76, 1345-1354	1.8	3
59	Temporomandibular Joint Disc Repositioning by Suturing Through Open Incision: A Technical Note. <i>Journal of Oral and Maxillofacial Surgery</i> , <b>2018</b> , 76, 948-954	1.8	6
58	A Prognostic Nomogram for Postoperative Bone Remodeling in Patients with ADDWoR. <i>Scientific Reports</i> , <b>2018</b> , 8, 4361	4.9	7
57	Effective pH-Activated Theranostic Platform for Synchronous Magnetic Resonance Imaging Diagnosis and Chemotherapy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 31114-31123	9.5	22
56	Clinical and Radiologic Follow-Up of Zimmer Biomet Stock Total Temporomandibular Joint Replacement After Surgical Modifications. <i>Journal of Oral and Maxillofacial Surgery</i> , <b>2018</b> , 76, 2518-2524 <sup>1.8</sup>	1.8	9
55	Functional reconstruction of critical-sized load-bearing bone defects using a Sclerostin-targeting miR-210-3p-based construct to enhance osteogenic activity. <i>Acta Biomaterialia</i> , <b>2018</b> , 76, 275-282	10.8	19
54	Modified Decompression of the Infraorbital Canal to Treat Trigeminal Neuralgia Affecting the Maxillary Branch. <i>Journal of Oral and Maxillofacial Surgery</i> , <b>2018</b> , 76, 940-947	1.8	2
53	Experiment of GBR for repair of peri-implant alveolar defects in beagle dogs. <i>Scientific Reports</i> , <b>2018</b> , 8, 16532	4.9	10
52	Study on the effects of gradient mechanical pressures on the proliferation, apoptosis, chondrogenesis and hypertrophy of mandibular condylar chondrocytes in vitro. <i>Archives of Oral Biology</i> , <b>2017</b> , 73, 186-192	2.8	10
51	Characteristics of Chinese Costal Cartilage and Costa Calcification Using Dual-Energy Computed Tomography Imaging. <i>Scientific Reports</i> , <b>2017</b> , 7, 2923	4.9	3
50	Changes in temporomandibular joint spaces after arthroscopic disc repositioning: a self-control study. <i>Scientific Reports</i> , <b>2017</b> , 7, 45513	4.9	14
49	Simultaneous treatment of temporomandibular joint ankylosis with severe mandibular deficiency by standard TMJ prosthesis. <i>Scientific Reports</i> , <b>2017</b> , 7, 45271	4.9	15
48	Computer-assisted surgical planning and simulation for unilateral condylar benign lesions causing facial asymmetry. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , <b>2017</b> , 123, 453-458	2	4
47	Mesiolingual root rotation for horizontal mandibular third molar extraction: position classification and surgical simulation. <i>Scientific Reports</i> , <b>2017</b> , 7, 14405	4.9	1
46	Modified technique for preservation of inferior alveolar nerve during mandibulectomy. <i>Head and Neck</i> , <b>2017</b> , 39, 2562-2566	4.2	2
45	Evaluation of the condyle remodeling after lateral arthroplasty in growing children with temporomandibular joint ankylosis. <i>Scientific Reports</i> , <b>2017</b> , 7, 9922	4.9	4
44	Growth differentiation factor 15 promotes blood vessel growth by stimulating cell cycle progression in repair of critical-sized calvarial defect. <i>Scientific Reports</i> , <b>2017</b> , 7, 9027	4.9	20

43	3-D computed tomography measurement of mandibular growth after costochondral grafting in growing children with temporomandibular joint ankylosis and jaw deformity. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , <b>2017</b> , 124, 333-338	2	7
42	Clinical evaluation of a two-incision fistula technique for the treatment of oral ranulas. <i>British Journal of Oral and Maxillofacial Surgery</i> , <b>2016</b> , 54, 22-4	1.4	3
41	Osteochondroma with secondary synovial chondromatosis in the temporomandibular joint. <i>British Journal of Oral and Maxillofacial Surgery</i> , <b>2016</b> , 54, 454-6	1.4	6
40	Acute trauma induced disc displacement without reduction and its sequelae. <i>Scientific Reports</i> , <b>2016</b> , 6, 32684	4.9	5
39	Variations in the buccal-lingual alveolar bone thickness of impacted mandibular third molar: our classification and treatment perspectives. <i>Scientific Reports</i> , <b>2016</b> , 6, 16375	4.9	13
38	Detection of exostosin glycosyltransferase gene mutations in patients with non-hereditary osteochondromas of the mandibular condyle. <i>Molecular and Clinical Oncology</i> , <b>2016</b> , 5, 295-299	1.6	12
37	Will unilateral temporomandibular joint anterior disc displacement in teenagers lead to asymmetry of condyle and mandible? A longitudinal study. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , <b>2016</b> , 44, 590-6	3.6	30
36	Treatment of kaposiform hemangioendothelioma and tufted angioma. <i>International Journal of Cancer</i> , <b>2016</b> , 139, 1658-66	7.5	41
35	Adjacent tooth trauma in complicated mandibular third molar surgery: Risk degree classification and digital surgical simulation. <i>Scientific Reports</i> , <b>2016</b> , 6, 39126	4.9	6
34	Post-infectious myositis ossificans in medial, lateral pterygoid muscles: A case report and review of the literature. <i>Oncology Letters</i> , <b>2015</b> , 9, 920-926	2.6	13
33	Preservation of the inferior alveolar neurovascular bundle in the osteotomy of benign lesions of the mandible using a digital template. <i>British Journal of Oral and Maxillofacial Surgery</i> , <b>2015</b> , 53, 637-41	1.4	11
32	Does Soft Tissue Injury Affect Intracapsular Condylar Fracture Healing?. <i>Journal of Oral and Maxillofacial Surgery</i> , <b>2015</b> , 73, 2169-80	1.8	17
31	Synovial chondromatosis of the tempromandibular joint: relationship between MRI information and potential aggressive behavior. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , <b>2015</b> , 43, 349-54	3.6	12
30	Establishment and histological evaluation of a goat traumatic temporomandibular joint model. <i>Journal of Oral and Maxillofacial Surgery</i> , <b>2015</b> , 73, 943-50	1.8	10
29	Modified surgical techniques for total alloplastic temporomandibular joint replacement: One institution's experience. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , <b>2015</b> , 43, 934-9	3.6	15
28	The fate of autogenous free fat grafts in the human temporomandibular joint using magnetic resonance imaging. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , <b>2015</b> , 43, 1804-8	3.6	8
27	Application of fossa bone graft to stabilize stock total joint prosthesis in temporomandibular joint surgery. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , <b>2015</b> , 43, 1392-7	3.6	11
26	Use of computer-assisted templates for placement of osteotomies in lateral gap arthroplasty. <i>Journal of Oral and Maxillofacial Surgery</i> , <b>2015</b> , 73, 30-8	1.8	6

25	Modified temporomandibular joint disc repositioning with miniscrew anchor: part I--surgical technique. <i>Journal of Oral and Maxillofacial Surgery</i> , <b>2015</b> , 73, 47.e1-9	1.8	20
24	Injecting vascular endothelial growth factor into the temporomandibular joint induces osteoarthritis in mice. <i>Scientific Reports</i> , <b>2015</b> , 5, 16244	4.9	38
23	Comprehensive Evaluation of Cryopreserved Bone-Derived Osteoblasts for the Repair of Segmental Mandibular Defects in Canines. <i>Clinical Implant Dentistry and Related Research</i> , <b>2015</b> , 17, 798-810	3.9	5
22	Is mandibular asymmetry more frequent and severe with unilateral disc displacement?. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , <b>2015</b> , 43, 81-6	3.6	24
21	The effects of static pressure on chondrogenic and osteogenic differentiation in condylar chondrocytes from temporomandibular joint. <i>Archives of Oral Biology</i> , <b>2015</b> , 60, 622-30	2.8	13
20	Dynamic MR imaging of temporomandibular joint: an initial assessment with fast imaging employing steady-state acquisition sequence. <i>Magnetic Resonance Imaging</i> , <b>2015</b> , 33, 270-5	3.3	16
19	Osteochondroma of bilateral mandibular condyle: a case report. <i>International Journal of Clinical and Experimental Medicine</i> , <b>2015</b> , 8, 2989-92		4
18	Digital resection and reconstruction of TMJ synovial chondrosarcoma involving the skull base: report of a case. <i>International Journal of Clinical and Experimental Medicine</i> , <b>2015</b> , 8, 11589-93		5
17	Magnetic resonance imaging applied to the diagnosis of perforation of the temporomandibular joint. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , <b>2014</b> , 42, 874-8	3.6	13
16	Application of digital templates to guide total alloplastic joint replacement surgery with biomet standard replacement system. <i>Journal of Oral and Maxillofacial Surgery</i> , <b>2014</b> , 72, 2440-52	1.8	27
15	Four osteotomy methods with piezosurgery to remove complicated mandibular third molars: a retrospective study. <i>Journal of Oral and Maxillofacial Surgery</i> , <b>2014</b> , 72, 2126-33	1.8	9
14	Endoscopic lift of the maxillary sinus floor in Beagles. <i>British Journal of Oral and Maxillofacial Surgery</i> , <b>2014</b> , 52, 845-9	1.4	1
13	Systematic modification and evaluation of a canine model for elevation of the floor of the maxillary sinus. <i>British Journal of Oral and Maxillofacial Surgery</i> , <b>2014</b> , 52, 784-8	1.4	1
12	The mandibular symmetry evaluation of total temporomandibular joint replacement on developing sheep. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , <b>2014</b> , 42, 201-5	3.6	5
11	Digital occlusal splint for condylar reconstruction in children with temporomandibular joint ankylosis. <i>Journal of Oral and Maxillofacial Surgery</i> , <b>2014</b> , 72, 1585-93	1.8	4
10	Ruptured disc after arthroscopic repositioning in the temporomandibular joint: a retrospective magnetic resonance imaging study. <i>British Journal of Oral and Maxillofacial Surgery</i> , <b>2014</b> , 52, 545-50	1.4	5
9	Which craniofacial fractures are associated with external auditory canal bleeding?. <i>Journal of Oral and Maxillofacial Surgery</i> , <b>2014</b> , 72, 121-6	1.8	4
8	The serological profiles of subgroup of primary Sjögren's syndrome correlation with the clinical features of parotid glands. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , <b>2014</b> , 42, 1260-4	3.6	2

7	Analysis of temporomandibular joint ankylosis caused by condylar fracture in adults. <i>Journal of Oral and Maxillofacial Surgery</i> , <b>2014</b> , 72, 763.e1-9	1.8	24
6	Stability study of total temporomandibular joint replacement on sheep. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , <b>2014</b> , 42, 1265-70	3.6	10
5	Current Undergraduate and Postgraduate Dental Education in China. <i>Journal of Dental Education</i> , <b>2013</b> , 77, 72-78	1.6	7
4	Arthroscopic management for synovial chondromatosis of the temporomandibular joint: a retrospective review of 33 cases. <i>Journal of Oral and Maxillofacial Surgery</i> , <b>2012</b> , 70, 2106-13	1.8	24
3	Case-Based Learning in Clinical Courses in a Chinese College of Stomatology. <i>Journal of Dental Education</i> , <b>2012</b> , 76, 1389-1392	1.6	8
2	Creating an Effective PBL Case in Oral and Maxillofacial Surgery at a Chinese Dental School: A Dental Education Primer. <i>Journal of Dental Education</i> , <b>2011</b> , 75, 1496-1501	1.6	1
1	Bilateral discal tumoral calcinosis of the temporomandibular joint. <i>Journal of Oral and Maxillofacial Surgery</i> , <b>2002</b> , 60, 315-8	1.8	4