

Tong Xi

List of Publications by Year in descending order

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54
papers

1,328
citations

304743

22
h-index

361022

35
g-index

57
all docs

57
docs citations

57
times ranked

1283
citing authors

#	ARTICLE	IF	CITATIONS
1	A New 3D Tool for Assessing the Accuracy of Bimaxillary Surgery: The OrthoGnathicAnalyser. PLoS ONE, 2016, 11, e0149625.	2.5	94
2	Automated detection of third molars and mandibular nerve by deep learning. Scientific Reports, 2019, 9, 9007.	3.3	82
3	Toward Holographic-Guided Surgery. Surgical Innovation, 2019, 26, 86-94.	0.9	79
4	3D analysis of condylar remodelling and skeletal relapse following bilateral sagittal split advancement osteotomies. Journal of Cranio-Maxillo-Facial Surgery, 2015, 43, 462-468.	1.7	73
5	3D evaluation of the lingual fracture line after a bilateral sagittal split osteotomy of the mandible. International Journal of Oral and Maxillofacial Surgery, 2009, 38, 1244-1249.	1.5	62
6	A Novel Region-Growing Based Semi-Automatic Segmentation Protocol for Three-Dimensional Condylar Reconstruction Using Cone Beam Computed Tomography (CBCT). PLoS ONE, 2014, 9, e111126.	2.5	54
7	Efficacy of Miniscrew-Assisted Rapid Palatal Expansion (MARPE) in late adolescents and adults: a systematic review and meta-analysis. European Journal of Orthodontics, 2021, 43, 313-323.	2.4	49
8	Accuracy of three-dimensional soft tissue simulation in bimaxillary osteotomies. Journal of Cranio-Maxillo-Facial Surgery, 2015, 43, 329-335.	1.7	48
9	Toward a higher accuracy in orthognathic surgery by using intraoperative computer navigation, 3D surgical guides, and/or customized osteosynthesis plates: A systematic review. Journal of Cranio-Maxillo-Facial Surgery, 2018, 46, 2108-2119.	1.7	46
10	Three-dimensional changes in nose and upper lip volume after orthognathic surgery. International Journal of Oral and Maxillofacial Surgery, 2015, 44, 83-89.	1.5	45
11	Classification of caries in third molars on panoramic radiographs using deep learning. Scientific Reports, 2021, 11, 12609.	3.3	45
12	Quantification of facial asymmetry: A comparative study of landmark-based and surface-based registrations. Journal of Cranio-Maxillo-Facial Surgery, 2016, 44, 1131-1136.	1.7	43
13	A new method for three-dimensional evaluation of the cranial shape and the automatic identification of craniosynostosis using 3D stereophotogrammetry. International Journal of Oral and Maxillofacial Surgery, 2017, 46, 819-826.	1.5	43
14	The role of mandibular proximal segment rotations on skeletal relapse and condylar remodelling following bilateral sagittal split advancement osteotomies. Journal of Cranio-Maxillo-Facial Surgery, 2015, 43, 1716-1722.	1.7	39
15	An Accuracy Study of Computer-Planned Implant Placement in the Augmented Maxilla Using Mucosa-Supported Surgical Templates. Clinical Implant Dentistry and Related Research, 2015, 17, 1154-1163.	3.7	38
16	Validation of 3D documentation of palatal soft tissue shape, color, and irregularity with intraoral scanning. Clinical Oral Investigations, 2018, 22, 1303-1309.	3.0	38
17	Validation of a novel semi-automated method for three-dimensional surface rendering of condyles using cone beam computed tomography data. International Journal of Oral and Maxillofacial Surgery, 2013, 42, 1023-1029.	1.5	37
18	Accuracy of Three Software Applications for Breast Volume Calculations from Three-Dimensional Surface Images. Plastic and Reconstructive Surgery, 2018, 142, 858-865.	1.4	27

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19	Three-dimensional virtual planning in mandibular advancement surgery: Soft tissue prediction based on deep learning. Journal of Cranio-Maxillo-Facial Surgery, 2021, 49, 775-782.	1.7	27
20	Evaluation of Condylar Resorption Before and After Orthognathic Surgery. Seminars in Orthodontics, 2013, 19, 106-115.	1.4	26
21	Holographic Augmented Reality for DIEP Flap Harvest. Plastic and Reconstructive Surgery, 2021, 147, 25e-29e.	1.4	26
22	Three-dimensional analysis of condylar remodeling and skeletal relapse following bimaxillary surgery: A 2-year follow-up study. Journal of Cranio-Maxillo-Facial Surgery, 2017, 45, 1311-1318.	1.7	24
23	Achievability of 3D planned bimaxillary osteotomies: maxilla-first versus mandible-first surgery. Scientific Reports, 2017, 7, 9314.	3.3	24
24	Virtual setup in orthodontics: planning and evaluation. Clinical Oral Investigations, 2020, 24, 2385-2393.	3.0	23
25	Postoperative socket irrigation with drinking tap water reduces the risk of inflammatory complications following surgical removal of third molars: a multicenter randomized trial. Clinical Oral Investigations, 2017, 21, 71-83.	3.0	22
26	Three-dimensional facial analysis in acromegaly: a novel tool to quantify craniofacial characteristics after long-term remission. Pituitary, 2015, 18, 126-134.	2.9	19
27	Does Mandible-First Sequencing Increase Maxillary Surgical Accuracy in Bimaxillary Procedures?. Journal of Oral and Maxillofacial Surgery, 2019, 77, 1882-1893.	1.2	19
28	Validation of the OrthoGnathicAnalyser 2.0â€”3D accuracy assessment tool for bimaxillary surgery and genioplasty. PLoS ONE, 2021, 16, e0246196.	2.5	17
29	One-year postoperative skeletal stability of 3D planned bimaxillary osteotomies: maxilla-first versus mandible-first surgery. Scientific Reports, 2019, 9, 3000.	3.3	15
30	Landmark-Based Versus Voxel-Based 3-Dimensional Quantitative Analysis of Bimaxillary Osteotomies: A Comparative Study. Journal of Oral and Maxillofacial Surgery, 2020, 78, 468.e1-468.e10.	1.2	15
31	A new 3D approach to evaluate facial profile changes following BSSO. Journal of Cranio-Maxillo-Facial Surgery, 2015, 43, 1994-1999.	1.7	13
32	The effects of surgically assisted rapid maxillary expansion (SARME) on the dental show and chin projection. Journal of Cranio-Maxillo-Facial Surgery, 2017, 45, 1835-1841.	1.7	12
33	An accuracy study of computer-planned implant placement in the augmented maxilla using osteosynthesis screws. International Journal of Oral and Maxillofacial Surgery, 2017, 46, 511-517.	1.5	12
34	Three-dimensional evaluation of the alar cinch suture after Le Fort I osteotomy. International Journal of Oral and Maxillofacial Surgery, 2016, 45, 1309-1314.	1.5	11
35	Reliability and Accuracy of Cone Beam Computed Tomography Versus Conventional Multidetector Computed Tomography for Image-Guided Craniofacial Implant Planning: An In Vitro Study. International Journal of Oral and Maxillofacial Implants, 2019, 34, 665-672.	1.4	8
36	Three-Dimensional Analysis of the Condylar Hypoplasia and Facial Asymmetry in Craniofacial Microsomia Using Cone-Beam Computed Tomography. Journal of Oral and Maxillofacial Surgery, 2021, 79, 1750.e1-1750.e10.	1.2	8

#	ARTICLE	IF	CITATIONS
37	Efficacy of Miniscrew-Assisted Rapid Palatal Expansion (MARPE) in late adolescents and adults with the Dutch Maxillary Expansion Device: a prospective clinical cohort study. <i>Clinical Oral Investigations</i> , 2022, 26, 6253-6263.	3.0	8
38	Three-dimensional analysis of condylar remodeling and skeletal relapse following LeFort-I osteotomy: A one-year follow-up bicenter study. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2022, 50, 40-45.	1.7	6
39	Three-dimensional virtual simulation of alar width changes following bimaxillary osteotomies. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2016, 45, 1315-1321.	1.5	5
40	Oral & Maxillofacial surgery is ready for patient-centred eHealth interventions – the outcomes of a scoping review. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2019, 48, 830-840.	1.5	5
41	Three-Dimensional Analysis of Lip Asymmetry and Occlusal Cant Change After Two-Jaw Surgery. <i>Journal of Oral and Maxillofacial Surgery</i> , 2020, 78, 1356-1365.	1.2	5
42	The use of xenografts to prevent inferior border defects following bilateral sagittal split osteotomies: three-dimensional skeletal analysis using cone beam computed tomography. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2020, 49, 1029-1035.	1.5	5
43	The role of muscular traction in the occurrence of skeletal relapse after advancement bilateral sagittal split osteotomy (BSSO): A systematic review. <i>Orthodontics and Craniofacial Research</i> , 2022, 25, 1-13.	2.8	5
44	Effect of skin tone on the accuracy of hybrid and passive stereophotogrammetry. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2019, 72, 1564-1569.	1.0	3
45	Morpho-Functional Septorhinoplasty in Adult Patients With Unilateral Cleft Lip Nasal Deformity: A Comprehensive Approach. <i>Journal of Oral and Maxillofacial Surgery</i> , 2020, 78, 2070.e1-2070.e10.	1.2	3
46	Median Lingual Foramen, a new midmandibular cephalometric landmark. <i>Orthodontics and Craniofacial Research</i> , 2020, 23, 357-361.	2.8	3
47	Influence of surgically assisted rapid maxillary expansion on the interdental papilla height of maxillary central incisors. <i>Journal of Orofacial Orthopedics</i> , 2021, 82, 372-381.	1.3	3
48	Augmented reality guided condylectomy. <i>British Journal of Oral and Maxillofacial Surgery</i> , 2022, 60, 991-993.	0.8	3
49	Surgical accuracy in 3D planned bimaxillary osteotomies: intraoral scans and plaster casts as digital dentition models. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2022, 51, 922-928.	1.5	3
50	Reproducibility of Manual Transfer of the Clinical Natural Head Position: Influence on the Soft Tissue and Hard Tissue Position of 3-Dimensional Virtual Surgical Planning. <i>Journal of Oral and Maxillofacial Surgery</i> , 2022, 80, 1505-1510.	1.2	2
51	Three-dimensional stereophotogrammetry measurement of facial asymmetry in patients with congenital muscular torticollis: a non-invasive method. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2021, 50, 835-842.	1.5	1
52	Is the pattern of mandibular asymmetry in mild craniofacial microsomia comparable to non-syndromic class II asymmetry?. <i>Clinical Oral Investigations</i> , 2022, 26, 4603-4613.	3.0	1
53	Concordance of local guidelines with national guidelines on perioperative antibiotic and antiseptic prophylaxis in elective oral and maxillofacial surgery: A cross-sectional survey in the Netherlands. <i>Advances in Oral and Maxillofacial Surgery</i> , 2021, 4, 100178.	0.3	0
54	A QUANTITATIVE ANALYSIS OF AESTHETIC OUTCOMES OF MORPHOFUNCTIONAL SEPTORHINOPLASTY FOR SECONDARY CLEFT LIP NASAL DEFORMITY. <i>British Journal of Oral and Maxillofacial Surgery</i> , 2021, , .	0.8	0