

# Dedong Yu

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

376  
citations

759233

12  
h-index

794594

19  
g-index

23  
all docs

23  
docs citations

23  
times ranked

455  
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of material removal mechanisms and ductile-brittle transition zone of zirconia ceramics sintered at various temperatures. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2022, 125, 104944.	3.1	10
2	EFFECTS OF POST-EXTRACTION ALVEOLAR RIDGE PRESERVATION VERSUS IMMEDIATE IMPLANT PLACEMENT: A SYSTEMATIC REVIEW AND META-ANALYSIS. <i>Journal of Evidence-based Dental Practice</i> , 2022, 22, 101734.	1.5	9
3	Analysis of low-frequency vibration-assisted bone drilling in reducing thermal injury. <i>Materials and Manufacturing Processes</i> , 2021, 36, 27-38.	4.7	13
4	Exposure to ultrafine particles and oral flora, respiratory function, and biomarkers of inflammation: A panel study in children. <i>Environmental Pollution</i> , 2021, 273, 116489.	7.5	18
5	Automatic Segmentation Method for Cone-Beam Computed Tomography Image of the Bone Graft Region within Maxillary Sinus Based on the Atrous Spatial Pyramid Convolution Network. <i>Journal of Shanghai Jiaotong University (Science)</i> , 2021, 26, 298-305.	0.9	2
6	Associations of fine particulate matter and its constituents with airway inflammation, lung function, and buccal mucosa microbiota in children. <i>Science of the Total Environment</i> , 2021, 773, 145619.	8.0	37
7	Correlation between esthetic expectations for orthognathic treatment and psychological characteristics among Chinese adult patients. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2021, 160, 94-100.	1.7	1
8	Nano-scale mechanical behaviors and material removal mechanisms of zirconia ceramics sintered at various temperatures. <i>Ceramics International</i> , 2021, 47, 32588-32598.	4.8	10
9	Toward the mechanisms of surface texturing on the wear behavior of dental zirconia ceramics under dry and saliva lubricated conditions. <i>Wear</i> , 2021, 484-485, 203845.	3.1	18
10	Pilot study of a surgical robot system for zygomatic implant placement. <i>Medical Engineering and Physics</i> , 2020, 75, 72-78.	1.7	44
11	Vertical bone augmentation with simultaneous implantation using deproteinized bovine bone block functionalized with a slow delivery of BMP-2. <i>Clinical Oral Implants Research</i> , 2020, 31, 215-228.	4.5	16
12	Measurement and prediction of drilling force in fresh human cadaver mandibles: A pilot study. <i>Clinical Implant Dentistry and Related Research</i> , 2020, 22, 4-12.	3.7	6
13	Automatic robot-world calibration in an optical-navigated surgical robot system and its application for oral implant placement. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2020, 15, 1685-1692.	2.8	18
14	Dasatinib Promotes Chondrogenic Differentiation of Human Mesenchymal Stem Cells via the Src/Hippo-YAP Signaling Pathway. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 5255-5265.	5.2	11
15	Preclinical application of recombinant human bone morphogenetic protein 2 on bone substitutes for vertical bone augmentation: A systematic review and meta-analysis. <i>Journal of Prosthetic Dentistry</i> , 2019, 122, 355-363.	2.8	6
16	Finite element analysis of burr formation and an automatic online micro-deburring method in precise end-face grinding process. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , 2017, 231, 2495-2503.	2.4	8
17	A predictive bone drilling force model for haptic rendering with experimental validation using fresh cadaveric bone. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2017, 12, 91-98.	2.8	16
18	Multidimensional esthetic evaluation of patients with a cleft lip and palate wearing a maxillary partial removable dental prosthesis: A 5-year retrospective study. <i>Journal of Prosthetic Dentistry</i> , 2016, 115, 456-461.	2.8	2

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19	Characterization of a micro-roughened TiO <sub>2</sub> /ZrO <sub>2</sub> coating: mechanical properties and HBMSC responses in vitro. <i>Acta Biochimica Et Biophysica Sinica</i> , 2014, 46, 572-581.	2.0	12
20	Cyclin D1 Overexpression Is Associated with Poor Clinicopathological Outcome and Survival in Oral Squamous Cell Carcinoma in Asian Populations: Insights from a Meta-Analysis. <i>PLoS ONE</i> , 2014, 9, e93210.	2.5	40
21	Implicit Association Test: A possible tool for screening patients for orthognathic surgery. <i>Medical Hypotheses</i> , 2013, 81, 309-310.	1.5	2
22	Assessment of Dental Age of Children Aged 3.5 to 16.9 Years Using Demirjian's Method: A Meta-Analysis Based on 26 Studies. <i>PLoS ONE</i> , 2013, 8, e84672.	2.5	48
23	Presurgical Motivations, Self-Esteem, and Oral Health of Orthognathic Surgery Patients. <i>Journal of Craniofacial Surgery</i> , 2013, 24, 743-747.	0.7	29