Hao Yu

List of Publications by Year
in descending order

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79 papers	1,739 citations	361413 20 h-index	302126 39 g-index
83 all docs	83 docs citations	83 times ranked	2824 citing authors

#	Article	IF	Citations
1	Risk factors for disease severity, unimprovement, and mortality in COVID-19 patients in Wuhan, China. Clinical Microbiology and Infection, 2020, 26, 767-772.	6.0	498
2	Erosion and abrasion of tooth-colored restorative materials and human enamel. Journal of Dentistry, 2009, 37, 913-922.	4.1	106
3	Spectrophotometric evaluation of the optical influence of core build-up composites on all-ceramic materials. Dental Materials, 2009, 25, 158-165.	3.5	76
4	Mutations in 3â€²-long terminal repeat of HERV-W family in chromosome 7 upregulate syncytin-1 expression in urothelial cell carcinoma of the bladder through interacting with c-Myb. Oncogene, 2014, 33, 3947-3958.	5.9	67
5	Effects of bleaching gels on the surface microhardness of tooth-colored restorative materials in situ. Journal of Dentistry, 2008, 36, 261-267.	4.1	56
6	Colour and surface analysis of carbamide peroxide bleaching effects on the dental restorative materials in situ. Journal of Dentistry, 2009, 37, 348-356.	4.1	55
7	In vivo spectroradiometric evaluation of colour matching errors among five shade guides. Journal of Oral Rehabilitation, 2009, 36, 65-70.	3.0	47
8	Effects of Various Fluoride Solutions on Enamel Erosion in vitro. Caries Research, 2010, 44, 390-401.	2.0	45
9	Effects of Carbamide Peroxide on the Staining Susceptibility of Tooth-colored Restorative Materials. Operative Dentistry, 2009, 34, 72-82.	1.2	40
10	Different Protocols to Produce Artificial Dentine Carious Lesions in vitro and in situ: Hardness and Mineral Content Correlation. Caries Research, 2013, 47, 162-170.	2.0	40
11	The effects of temperature and bleaching gels on the properties of tooth-colored restorative materials. Journal of Prosthetic Dentistry, 2011, 105, 100-107.	2.8	39
12	Erosion-inhibiting potential of a stannous chloride-containing fluoride solution under acid flow conditions in vitro. Archives of Oral Biology, 2010, 55, 702-705.	1.8	36
13	Finish-line designs for ceramic crowns: A systematic review and meta-analysis. Journal of Prosthetic Dentistry, 2019, 122, 22-30.e5.	2.8	36
14	Quantitative evaluation of colour regression and mineral content change of bleached teeth. Journal of Dentistry, 2010, 38, 253-260.	4.1	31
15	Bonding to industrial indirect composite blocks: A systematic review and meta-analysis. Dental Materials, 2020, 36, 119-134.	3.5	29
16	Stress and its association with academic performance among dental undergraduate students in Fujian, China: a cross-sectional online questionnaire survey. BMC Medical Education, 2020, 20, 181.	2.4	28
17	Hydrogen peroxide bleaching induces changes in the physical properties of dental restorative materials: Effects of study protocols. Journal of Esthetic and Restorative Dentistry, 2018, 30, E52-E60.	3.8	23
18	Effects of temperature and in-office bleaching agents on surface and subsurface properties of aesthetic restorative materials. Journal of Dentistry, 2013, 41, 1290-1296.	4.1	22

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19	A homogeneous electrochemical sensor for Hg²⁺ determination in environmental water based on the Tâ€“Hg²⁺â€“T structure and exonuclease III-assisted recycling amplification. Analyst, The, 2018, 143, 2122-2127.	3.5	22
20	Intraoral repair of chipped or fractured veneered zirconia crowns and fixed dental prosthesis: clinical guidelines based on literature review. Journal of Adhesion Science and Technology, 2018, 32, 1711-1723.	2.6	21
21	Effects of low-temperature degradation on the surface roughness of yttria-stabilized tetragonal zirconia polycrystal ceramics: A systematic review and meta-analysis. Journal of Prosthetic Dentistry, 2021, 125, 222-230.	2.8	21
22	Influence of Carbamide Peroxide on the Flexural Strength of Tooth-colored Restorative Materials: An In Vitro Study at Different Environmental Temperatures. Operative Dentistry, 2010, 35, 300-307.	1.2	20
23	In situ effect of Tooth Mousse containing CPP-ACP on human enamel subjected to in vivo acid attacks. Journal of Dentistry, 2018, 76, 40-45.	4.1	20
24	Effects of bleaching agents on dental restorative materials: A review of the literature and recommendation to dental practitioners and researchers. Journal of Dental Sciences, 2015, 10, 345-351.	2.5	19
25	Short-term effects of stain-causing beverages on tooth bleaching: A randomized controlled clinical trial. Journal of Dentistry, 2020, 95, 103318.	4.1	18
26	Seroprevalence and asymptomatic carrier status of SARS-CoV-2 in Wuhan City and other places of China. PLoS Neglected Tropical Diseases, 2021, 15, e0008975.	3.0	17
27	Proper selection of contemporary dental cements. Oral Health and Dental Management, 2014, 13, 54-9.	0.7	17
28	An evaluation of the Dental 3D Multimedia System on dentistâ€“patient interactions: A report from China. International Journal of Medical Informatics, 2008, 77, 670-678.	3.3	16
29	Effects of dental 3D multimedia system on the performance of junior dental students in preclinical practice: a report from China. Advances in Health Sciences Education, 2009, 14, 123-133.	3.3	15
30	Comparison of Whitening Dentifrices on the Effectiveness of In-office Tooth Bleaching: A Double-blind Randomized Controlled Clinical Trial. Operative Dentistry, 2019, 44, 138-145.	1.2	15
31	Protective Effect of Resin Coating on the Microleakage of Class V Restorations Following Treatment with Carbamide Peroxide In Vitro. Operative Dentistry, 2010, 35, 634-640.	1.2	14
32	Screening of CO₂ Laser (10.6â€‰Î¼m) Parameters for Prevention of Enamel Erosion. Photomedicine and Laser Surgery, 2012, 30, 331-338.	2.0	13
33	Effects of cyclic staining on the color, translucency, surface roughness, and substance loss of contemporary adhesive resin cements. Journal of Prosthetic Dentistry, 2018, 120, 462-469.	2.8	13
34	Effect of surface removal following bleaching on the bond strength of enamel. BMC Oral Health, 2019, 19, 50.	2.3	13
35	Detection of Multiple Intracellular Bacterial Pathogens in Haemaphysalis flava Ticks Collected from Hedgehogs in Central China. Pathogens, 2021, 10, 115.	2.8	13
36	Emergence of Zika virus infection in China. PLoS Neglected Tropical Diseases, 2020, 14, e0008300.	3.0	12

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37	Knowledge of and attitudes towards erosive tooth wear among students of two Chinese universities. BMC Oral Health, 2020, 20, 110.	2.3	12
38	Topical fluoride application is able to reduce acid susceptibility of restorative materials. Dental Materials Journal, 2012, 31, 433-442.	1.8	11
39	Quercetin reduces erosive dentin wear: Evidence from laboratory and clinical studies. Dental Materials, 2020, 36, 1430-1436.	3.5	11
40	Does delayed toothbrushing after the consumption of erosive foodstuffs or beverages decrease erosive tooth wear? A systematic review and meta-analysis. Clinical Oral Investigations, 2020, 24, 4169-4183.	3.0	11
41	Is the bond strength of zirconia-reinforced lithium silicate lower than that of lithium disilicate? - A systematic review and meta-analysis. Journal of Prosthodontic Research, 2022, 66, 530-537.	2.8	10
42	Effect of Different Coloring Procedures on the Aging Behavior of Dental Monolithic Zirconia. Journal of Spectroscopy, 2018, 2018, 1-7.	1.3	9
43	Comparison of smile esthetics among celebrities, dentists, and dental students in a Han Chinese population. Journal of Prosthetic Dentistry, 2020, 123, 845-849.	2.8	9
44	Erosion of CAD/CAM restorative materials and human enamel: An in situ/in vivo study. Journal of the Mechanical Behavior of Biomedical Materials, 2020, 110, 103903.	3.1	8
45	Bonding of different self-adhesive resins to high-strength composite resin block treated with surface conditioning. Journal of Prosthodontic Research, 2019, 63, 340-346.	2.8	7
46	An improved method to analyse tooth and restoration contour using image analysis: Application in the maxillary anterior teeth in Chinese population. Archives of Oral Biology, 2008, 53, 503-508.	1.8	6
47	In Vitro Cytotoxicity of Self-Adhesive Dual-Cured Resin Cement Polymerized Beneath Three Different Cusp Inclinations of Zirconia. BioMed Research International, 2019, 2019, 1-9.	1.9	6
48	Detection of Leptospira interrogans in Hedgehogs from Central China. Vector-Borne and Zoonotic Diseases, 2020, 20, 427-431.	1.5	6
49	Effects of Aging on the Color and Translucency of Monolithic Translucent Y-TZP Ceramics: A Systematic Review and Meta-Analysis of In Vitro Studies. BioMed Research International, 2021, 2021, 1-10.	1.9	6
50	Detecting Proximal Caries on Periapical Radiographs Using Convolutional Neural Networks with Different Training Strategies on Small Datasets. Diagnostics, 2022, 12, 1047.	2.6	6
51	Effects of remaining dentin thickness on the bond strength of bleached dentin. BMC Oral Health, 2020, 20, 218.	2.3	5
52	Repolishing in situ eroded CAD/CAM restorative materials and human enamel. Journal of the Mechanical Behavior of Biomedical Materials, 2021, 113, 104125.	3.1	5
53	Minimum Radiant Exposure and Irradiance for Triggering Adequate Polymerization of a Photo-Polymerized Resin Cement. Materials, 2021, 14, 2341.	2.9	5
54	Are Chinese Dentists Ready for the Computerization of Dentistry? A Population Investigation of China's Metropolises. Journal of the American Medical Informatics Association: JAMIA, 2009, 16, 409-412.	4.4	4

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55	Misdiagnosis of scrub typhus as hemorrhagic fever with renal syndrome and potential co-infection of both diseases in patients in Shandong Province, China, 2013â€“2014. PLoS Neglected Tropical Diseases, 2021, 15, e0009270.	3.0	4
56	Erosion of CAD/CAM restorative materials and human enamel: An in vitro study. Journal of the Mechanical Behavior of Biomedical Materials, 2021, 119, 104503.	3.1	4
57	Virtual Simulation Teaching Centre in Dental Education: a Report from Fujian Medical University, China. Chinese journal of dental research: the official journal of the Scientific Section of the Chinese Stomatological Association (CSA), The, 2017, 20, 173-177.	0.2	4
58	Antifungal effect of tea extracts on <i>Candida albicans </i>. Dental Materials Journal, 2020, 39, 664-669.	1.8	3
59	Effect of multiple firings on the marginal fit of monolithic zirconia crowns: An inÂvitro study. Journal of Prosthetic Dentistry, 2023, 130, 897-901.	2.8	3
60	Effects of Cusp Inclination and Light-curing Time on Microshear Bond Strength of a Dual-cure, Self-adhesive Composite Cement to Zirconia. Journal of Adhesive Dentistry, 2018, 20, 107-112.	0.5	3
61	Polymerization Efficiency of a Dual-Cured Resin Cement through Zirconia with Three Different Cusp Inclinations. Journal of Spectroscopy, 2018, 2018, 1-9.	1.3	1
62	A DEEP LEARNING METHOD FOR DELINEATING EARLY GASTRIC CANCER RESECTION MARGIN UNDER CHROMOENDOSCOPY OR WHITE LIGHT ENDOSCOPY. , 2020, 52, .		1
63	Effects of Hydrothermal Treatment on the Phase Transformation, Surface Roughness, and Mechanical Properties of Monolithic Translucent Zirconia. Operative Dentistry, 2022, , .	1.2	1
64	ENDOANGEL, AN ARTIFICIAL INTELLIGENCE, IMPROVES ENDOSCOPY QUALITY AND DETECTS EARLY GASTRIC CANCER IN A MULTI-CENTER RANDOMIZED CONTROLLED TRIAL. , 2020, 52, .		0
65	P2637Hypertension as a risk factor for all-cause and cardiovascular mortality in women compared with men: a systematic review and meta-analysis of prospective cohort studies. European Heart Journal, 2019, 40, .	2.2	0
66	A DEEP LEARNING-BASED SYSTEM FOR IDENTIFYING DIFFERENTIATION STATUS AND DELINEATING MARGINS OF EARLY GASTRIC CANCER IN NARROW-BAND IMAGING ENDOSCOPY. Endoscopy, 2020, 52, .	1.8	0
67	A DCNN-BASED SYSTEM FOR CLASSIFICATION OF GASTRITIS LESIONS. Endoscopy, 2020, 52, .	1.8	0
68	A NOVEL ARTIFICIAL INTELLIGENCE SYSTEM FOR THE ASSESSMENT OF BOWEL PREPARATION. , 2020, 52, .		0
69	Effects of mechanical force on proliferation and apoptosis of stem cells from human exfoliated deciduous teeth. Clinical Oral Investigations, 2022, , 1.	3.0	0
70	Effects of Different Root Canal Obturation Techniques on the Bond Strength of Fiber Post to Intraradicular Dentine. Chinese journal of dental research: the official journal of the Scientific Section of the Chinese Stomatological Association (CSA), The, 2019, 22, 189-196.	0.2	0
71	DEVELOPMENT AND VALIDATION OF DEEP LEARNING-BASED AUTOMATIC SEMI-STRUCTURED UPPER GASTROINTESTINAL ENDOSCOPIC REPORTING SYSTEM. Endoscopy, 2022, 54, .	1.8	0
72	A DEEP-LEARNING BASED SYSTEM FOR DIAGNOSING GASTRIC NEOPLASMS UNDER WEAK MAGNIFICATION. Endoscopy, 2022, 54, .	1.8	0

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73	AN ARTIFICIAL INTELLIGENCE SYSTEM CAN EFFECTIVELY PREDICT DIFFICULTIES IN EXTRACTING CBD STONES DURING ENDOSCOPIC RETROGRADE CHOLANGIOPANCREATOGRAPHY A PROSPECTIVE TRIAL. Endoscopy, 2022, 54, .	1.8	0
74	APPLICATION OF MACHINE LEARNING ALGORITHM BASED ON MULTI-FEATURE FITTING IN THE DIAGNOSIS OF WHITISH NEOPLASTIC GASTRIC LESIONS UNDER WHITE LIGHT GASTROSCOPY. Endoscopy, 2022, 54, .	1.8	0
75	MULTI-FEATURE FITTING METHOD OUTPERFORMED DEEP LEARNING METHOD ON DIAGNOSING GASTRIC NEOPLASMS. Endoscopy, 2022, 54, .	1.8	0
76	PERFORMANCE COMPARISON OF IMPROVED GAN-BASED ENDOSCOPIC ULTRASOUND PANCREATIC SCANNING NAVIGATION SYSTEM. Endoscopy, 2022, 54, .	1.8	0
77	MULTI-METHOD VALIDATION OF AN ARTIFICIAL INTELLIGENCE-BASED BOWEL PREPARATION QUANTITATIVE SYSTEM. Endoscopy, 2022, 54, .	1.8	0
78	MAGNIFYING ENDOSCOPY-GUIDED DYE MARKING OF ENDOSCOPIC SUBMUCOSAL DISSECTION SPECIMEN PROVIDES AN ACCURATE METHOD FOR ENDOSCOPIC-TO-PATHOLOGIC EVALUATION OF EARLY GASTRIC CANCER. Endoscopy, 2022, 54, .	1.8	0
79	AN ARTIFICIAL INTELLIGENCE-BASED SYSTEM FOR AUTOMATICALLY MEASURING THE SIZE OF ENDOSCOPIC GASTROINTESTINAL LESIONS. Endoscopy, 2022, 54, .	1.8	0