Karim Elhennawy

List of Publications by Year
in descending order

#	Article	IF	Citations
1	Deep Learning for the Radiographic Detection of Apical Lesions. Journal of Endodontics, 2019, 45, 917-922.e5.	3.1	185
2	Global burden of molar incisor hypomineralization. Journal of Dentistry, 2018, 68, 10-18.	4.1	180
3	Detecting caries lesions of different radiographic extension on bitewings using deep learning. Journal of Dentistry, 2020, 100, 103425.	4.1	141
4	Managing molar-incisor hypomineralization: A systematic review. Journal of Dentistry, 2016, 55, 16-24.	4.1	109
5	Deep learning for caries lesion detection in near-infrared light transillumination images: A pilot study. Journal of Dentistry, 2020, 92, 103260.	4.1	101
6	Structural, mechanical and chemical evaluation of molar-incisor hypomineralization-affected enamel: A systematic review. Archives of Oral Biology, 2017, 83, 272-281.	1.8	96
7	Deep learning for cephalometric landmark detection: systematic review and meta-analysis. Clinical Oral Investigations, 2021, 25, 4299-4309.	3.0	65
8	Cost-effectiveness of Artificial Intelligence for Proximal Caries Detection. Journal of Dental Research, 2021, 100, 369-376.	5.2	60
9	Dentists' attitudes and behaviour regarding deep carious lesion management: a multi-national survey. Clinical Oral Investigations, 2017, 21, 191-198.	3.0	55
10	Effects of calcium silicate cements on dental pulp cells: A systematic review. Journal of Dentistry, 2018, 77, 18-36.	4.1	41
11	Detecting white spot lesions on dental photography using deep learning: A pilot study. Journal of Dentistry, 2021, 107, 103615.	4.1	36
12	The forgotten merits of GIC restorations: a systematic review. Clinical Oral Investigations, 2020, 24, 2189-2201.	3.0	33
13	Management of pulps exposed during carious tissue removal in adults: a multi-national questionnaire-based survey. Clinical Oral Investigations, 2017, 21, 2303-2309.	3.0	31
14	In vitro performance of the DIAGNOcam for detecting proximal carious lesions adjacent to composite restorations. Journal of Dentistry, 2018, 72, 39-43.	4.1	24
15	Managing molars with severe molar-incisor hypomineralization: A cost-effectiveness analysis within German healthcare. Journal of Dentistry, 2017, 63, 65-71.	4.1	22
16	Generalizability of Deep Learning Models for Caries Detection in Near-Infrared Light Transillumination Images. Journal of Clinical Medicine, 2021, 10, 961.	2.4	20
17	Selective vs stepwise removal of deep carious lesions in primary molars: 12-Months results of a randomized controlled pilot trial. Journal of Dentistry, 2018, 77, 72-77.	4.1	15
18	Oral manifestations, dental management, and a rare homozygous mutation of the PRDM12 gene in a boy with hereditary sensory and autonomic neuropathy type VIII: a case report and review of the literature. Journal of Medical Case Reports, 2017, 11, 233.	0.8	13

#	Article	IF	Citations
19	Knowledge, attitudes, and beliefs regarding molar incisor hypomineralization (MIH) amongst German dental students. International Journal of Paediatric Dentistry, 2021, 31, 486-495.	1.8	11
20	Selective vs stepwise removal of deep carious lesions in primary molars: 24 months follow-up from a randomized controlled trial. Clinical Oral Investigations, 2021, 25, 645-652.	3.0	11
21	The association between molar incisor hypomineralization and oral health-related quality of life: a cross-sectional study. Clinical Oral Investigations, 2022, 26, 4071-4077.	3.0	11
22	Industry sponsorship in trials on fluoride varnish or gels for caries prevention. Community Dentistry and Oral Epidemiology, 2017, 45, 289-295.	1.9	9
23	Outcome and comparator choice in molar incisor hypomineralisation (MIH) intervention studies: a systematic review and social network analysis. BMJ Open, 2019, 9, e028352.	1.9	8
24	Knowledge, attitudes, and beliefs regarding molar incisor hypomineralisation amongst Swiss dental students. BMC Oral Health, 2021, 21, 548.	2.3	7
25	Dental Students' Knowledge, Attitudes and Beliefs Regarding Molar Incisor Hypomineralization (MIH): A Survey in Vienna, Austria. Journal of Multidisciplinary Healthcare, 2021, Volume 14, 2881-2889.	2.7	6
26	Preventing and arresting primary tooth enamel lesions using self-assembling peptide P_{11}-4 in vitro. Journal of International Society of Preventive and Community Dentistry, 2022, 12, 58.	1.0	4
27	Visual and radiographic caries detection: a tailored meta-analysis for two different settings, Egypt and Germany. BMC Oral Health, 2018, 18, 105.	2.3	3