

Demetrios J Halazonetis

List of Publications by Year in descending order

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112
papers

2,424
citations

218592

26
h-index

243529

44
g-index

115
all docs

115
docs citations

115
times ranked

1981
citing authors

#	ARTICLE	IF	CITATIONS
1	From 2-dimensional cephalograms to 3-dimensional computed tomography scans. American Journal of Orthodontics and Dentofacial Orthopedics, 2005, 127, 627-637.	0.8	136
2	Significance of the soft tissue profile on facial esthetics. American Journal of Orthodontics and Dentofacial Orthopedics, 2001, 119, 464-471.	0.8	132
3	Condyle and fossa shape in Class II and Class III skeletal patterns: A morphometric tomographic study. American Journal of Orthodontics and Dentofacial Orthopedics, 2005, 128, 337-346.	0.8	120
4	Applications of 3D printing on craniofacial bone repair: A systematic review. Journal of Dentistry, 2019, 80, 1-14.	1.7	103
5	Sexual dimorphism of the human mandible and its association with dental development. American Journal of Physical Anthropology, 2011, 145, 192-202.	2.1	96
6	A novel colourimetric technique to assess chewing function using two-coloured specimens: Validation and application. Journal of Dentistry, 2015, 43, 955-964.	1.7	92
7	Morphometrics for cephalometric diagnosis. American Journal of Orthodontics and Dentofacial Orthopedics, 2004, 125, 571-581.	0.8	87
8	A cephalometric morphometric study of the sella turcica. European Journal of Orthodontics, 2007, 29, 449-456.	1.1	74
9	Assessment of different techniques for 3D superimposition of serial digital maxillary dental casts on palatal structures. Scientific Reports, 2017, 7, 5838.	1.6	67
10	Novel software for quantitative evaluation and graphical representation of masticatory efficiency. Journal of Oral Rehabilitation, 2013, 40, 329-335.	1.3	66
11	Treatment strategies for patients with hyperdivergent Class II Division 1 malocclusion: Is the vertical dimension affected?. American Journal of Orthodontics and Dentofacial Orthopedics, 2011, 140, 346-355.	0.8	63
12	The spontaneous smile in dynamic motion. American Journal of Orthodontics and Dentofacial Orthopedics, 2005, 128, 8-15.	0.8	53
13	Morphological integration between the cranial base and the face in children and adults. Journal of Anatomy, 2011, 218, 426-438.	0.9	51
14	Geometric morphometric evaluation of cervical vertebrae shape and its relationship to skeletal maturation. American Journal of Orthodontics and Dentofacial Orthopedics, 2009, 136, 481.e1-481.e9.	0.8	49
15	Cone-beam computed tomography is not the imaging technique of choice for comprehensive orthodontic assessment. American Journal of Orthodontics and Dentofacial Orthopedics, 2012, 141, 403-411.	0.8	43
16	Changes in cheek pressure following rapid maxillary expansion. European Journal of Orthodontics, 1994, 16, 295-300.	1.1	39
17	Geometric morphometric analysis of craniofacial variation, ontogeny and modularity in a cross-sectional sample of modern humans. Journal of Anatomy, 2013, 222, 397-409.	0.9	39
18	Computer-assisted cephalometric analysis. American Journal of Orthodontics and Dentofacial Orthopedics, 1994, 105, 517-521.	0.8	38

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19	Acquisition of 3-dimensional shapes from images. American Journal of Orthodontics and Dentofacial Orthopedics, 2001, 119, 556-560.	0.8	38
20	Morphometric evaluation of soft-tissue profile shape. American Journal of Orthodontics and Dentofacial Orthopedics, 2007, 131, 481-489.	0.8	37
21	Geometric morphometric 3D shape analysis and covariation of human mandibular and maxillary first molars. American Journal of Physical Anthropology, 2013, 152, 186-196.	2.1	33
22	Estimated natural head position and facial morphology. American Journal of Orthodontics and Dentofacial Orthopedics, 2002, 121, 364-368.	0.8	32
23	Editor's Summary and Q&A. American Journal of Orthodontics and Dentofacial Orthopedics, 2009, 136, 481-483.	0.8	31
24	Quantitative description of the shape of the mandible. American Journal of Orthodontics and Dentofacial Orthopedics, 1991, 99, 49-56.	0.8	28
25	Pharmacological management of pain during orthodontic treatment: a meta-analysis. Orthodontics and Craniofacial Research, 2012, 15, 71-83.	1.2	28
26	The effect of threshold level on bone segmentation of cranial base structures from CT and CBCT images. Scientific Reports, 2020, 10, 7361.	1.6	26
27	Activator versus cervical headgear: Superimpositional cephalometric comparison. American Journal of Orthodontics and Dentofacial Orthopedics, 2003, 123, 296-305.	0.8	25
28	Morphometric correlation between facial soft-tissue profile shape and skeletal pattern in children and adolescents. American Journal of Orthodontics and Dentofacial Orthopedics, 2007, 132, 450-457.	0.8	25
29	Craniofacial shape differs in patients with tooth agenesis: geometric morphometric analysis. European Journal of Orthodontics, 2016, 39, cjw049.	1.1	25
30	Three-dimensional (3D) geometric morphometric analysis of human premolars to assess sexual dimorphism and biological ancestry in Australian populations. American Journal of Physical Anthropology, 2018, 166, 373-385.	2.1	25
31	A longitudinal three-center study of craniofacial morphology at 6 and 12 years of age in patients with complete bilateral cleft lip and palate. Clinical Oral Investigations, 2012, 16, 1313-1324.	1.4	24
32	Morphometric covariation between palatal shape and skeletal pattern in Class II growing subjects. European Journal of Orthodontics, 2017, 39, 371-376.	1.1	24
33	Early anterior crossbite correction through posterior bite opening: a 3D superimposition prospective cohort study. European Journal of Orthodontics, 2018, 40, 364-371.	1.1	24
34	The effect of regular dental cast artifacts on the 3D superimposition of serial digital maxillary dental models. Scientific Reports, 2019, 9, 10501.	1.6	24
35	Computer experiments using a two-dimensional model of tooth support. American Journal of Orthodontics and Dentofacial Orthopedics, 1996, 109, 598-606.	0.8	23
36	Horizontally impacted maxillary premolar and bilateral canine transposition. American Journal of Orthodontics and Dentofacial Orthopedics, 2009, 135, 380-389.	0.8	22

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37	An accurate and efficient method for occlusal tooth wear assessment using 3D digital dental models. <i>Scientific Reports</i> , 2020, 10, 10103.	1.6	22
38	Extraction of maxillary first molars improves second and third molar inclinations in Class II Division 1 malocclusion. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2011, 140, 377-382.	0.8	21
39	Shape variation and covariation of upper and lower dental arches of an orthodontic population. <i>European Journal of Orthodontics</i> , 2016, 38, 202-211.	1.1	21
40	A novel method for pair-matching using three-dimensional digital models of bone: mesh-to-mesh value comparison. <i>International Journal of Legal Medicine</i> , 2016, 130, 1315-1322.	1.2	21
41	Number of teeth is associated with facial size in humans. <i>Scientific Reports</i> , 2020, 10, 1820.	1.6	21
42	A geometric morphometric evaluation of hard and soft tissue profile changes in borderline extraction versus non-extraction patients. <i>European Journal of Orthodontics</i> , 2019, 41, 264-272.	1.1	20
43	Facial shape affects self-perceived facial attractiveness. <i>PLoS ONE</i> , 2021, 16, e0245557.	1.1	20
44	Design and test orthodontic loops using your computer. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 1997, 111, 346-348.	0.8	19
45	Understanding orthodontic loop preactivation. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 1998, 113, 237-241.	0.8	18
46	Fetal and infant growth patterns of the mandibular symphysis in modern humans and chimpanzees (<i>Pan troglodytes</i>). <i>Journal of Anatomy</i> , 2010, 217, 507-520.	0.9	18
47	Shape covariation between the craniofacial complex and first molars in humans. <i>Journal of Anatomy</i> , 2014, 225, 220-231.	0.9	18
48	The anterior component of occlusal force revisited: direct measurement and theoretical considerations. <i>European Journal of Orthodontics</i> , 2016, 38, 190-196.	1.1	18
49	Intermaxillary forces during activator treatment. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 1999, 115, 133-137.	0.8	13
50	Maxillary sinus floor extension and posterior tooth inclination in adolescent patients with Class II Division 1 malocclusion treated with maxillary first molar extractions. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2013, 143, 479-485.	0.8	13
51	Cervical vertebrae anomalies in orthodontic patients: a growth-based superimpositional approach. <i>European Journal of Orthodontics</i> , 2010, 32, 36-42.	1.1	12
52	Oral factors and adherence to Mediterranean diet in an older Greek population. <i>Aging Clinical and Experimental Research</i> , 2021, 33, 3237-3244.	1.4	12
53	At what resolution should I scan cephalometric radiographs?. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2004, 125, 118-119.	0.8	11
54	Fluctuating molar asymmetry in relation to environmental radioactivity. <i>Archives of Oral Biology</i> , 2009, 54, 666-670.	0.8	11

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55	A two-centre study on facial morphology in patients with complete bilateral cleft lip and palate at nine years of age. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2011, 40, 782-789.	0.7	11
56	Geometric morphometric analysis of craniofacial growth between the ages of 12 and 14 in normal humans. <i>European Journal of Orthodontics</i> , 2017, 39, cjw070.	1.1	11
57	3D Method for Occlusal Tooth Wear Assessment in Presence of Substantial Changes on Other Tooth Surfaces. <i>Journal of Clinical Medicine</i> , 2020, 9, 3937.	1.0	11
58	Morphometric covariation between palatal shape and skeletal pattern in children and adolescents: a cross-sectional study. <i>European Journal of Orthodontics</i> , 2016, 39, cjw063.	1.1	10
59	The association between dental mineralization and mandibular form: a study combining additive conjoint measurement and geometric morphometrics. <i>Journal of Anthropological Sciences</i> , 2010, 88, 129-50.	0.4	10
60	Making slides for orthodontic presentations. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 1998, 113, 586-589.	0.8	9
61	Relapse 1 week after bracket removal: a 3D superimpositional analysis. <i>European Journal of Orthodontics</i> , 2021, 43, 128-135.	1.1	8
62	Ideal arch force systems: A center-of-resistance perspective. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 1998, 114, 256-264.	0.8	7
63	Morphing and Warping. Part I. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 1999, 115, 466-470.	0.8	7
64	Microcollimator for Micrometer-Wide Stripe Irradiation of Cells Using 20-30 keV X Rays. <i>Radiation Research</i> , 2009, 172, 252-259.	0.7	7
65	Influence of unilateral maxillary first molar extraction treatment on second and third molar inclination in Class II subdivision patients. <i>Angle Orthodontist</i> , 2016, 86, 94-100.	1.1	7
66	Craniofacial shape in patients with beta thalassaemia: a geometric morphometric analysis. <i>Scientific Reports</i> , 2021, 11, 1686.	1.6	7
67	Profile shape variation and sexual dimorphism amongst middle-aged Northern Europeans. <i>European Journal of Orthodontics</i> , 2022, 44, 30-36.	1.1	7
68	Estimation of root inclination of anterior teeth from virtual study models: accuracy of a commercial software. <i>Progress in Orthodontics</i> , 2019, 20, 43.	1.3	7
69	Sociomedical and oral factors affecting masticatory performance in an older population. <i>Clinical Oral Investigations</i> , 2021, , 1.	1.4	7
70	Autotransplantation in cleidocranial dysplasia: Case report with 5-year follow-up. <i>Journal of Oral and Maxillofacial Surgery</i> , 1995, 53, 1472-1475.	0.5	6
71	Advanced PowerPoint animation techniques: Part I. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2000, 117, 737-740.	0.8	6
72	What do 8-bit and 12-bit grayscale mean and which should I use when scanning?. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2005, 127, 387-388.	0.8	6

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73	Configuration of facial features influences subjective evaluation of facial type. American Journal of Orthodontics and Dentofacial Orthopedics, 2008, 133, 277-282.	0.8	6
74	Selecting subjects with high craniofacial shape homogeneity for clinical trials. American Journal of Orthodontics and Dentofacial Orthopedics, 2015, 148, 1026-1035.	0.8	6
75	3D Occlusal Tooth Wear Assessment in Presence of Limited Changes in Non-Occlusal Surfaces. Diagnostics, 2021, 11, 1033.	1.3	6
76	A randomized, 3-month, parallel-group clinical trial to compare the efficacy of electric 3-dimensional toothbrushes vs manual toothbrushes in maintaining oral health in patients with fixed orthodontic appliances. American Journal of Orthodontics and Dentofacial Orthopedics, 2021, 160, 648-658.	0.8	6
77	The Effect of Scanning Strategy on Intraoral Scanner's Accuracy. Dentistry Journal, 2022, 10, 123.	0.9	6
78	Three-Dimensional Geometry of Phalanges as a Proxy for Pair-Matching: Mesh Comparison Using an ICP Algorithm. Advances in Experimental Medicine and Biology, 2019, 1205, 55-69.	0.8	5
79	Anterior teeth root inclination prediction derived from digital models: A comparative study of plaster study casts and CBCT images. Journal of Clinical and Experimental Dentistry, 2018, 10, 0-0.	0.5	5
80	Drug-induced sleep endoscopy improves intervention efficacy among patients treated for obstructive sleep apnea with a mandibular advancement device. Sleep and Breathing, 2022, 26, 1747-1758.	0.9	5
81	Number of Teeth Is Related to Craniofacial Morphology in Humans. Biology, 2022, 11, 544.	1.3	5
82	Smile Reproducibility and Its Relationship to Self-Perceived Smile Attractiveness. Biology, 2022, 11, 719.	1.3	5
83	Cephalometric analysis of changes in occlusal relationship. European Journal of Orthodontics, 1998, 20, 449-461.	1.1	4
84	Morphing and Warping: Part II. American Journal of Orthodontics and Dentofacial Orthopedics, 1999, 115, 706-708.	0.8	4
85	Does fixed retention prevent overeruption of unopposed mandibular second molars in maxillary first molar extraction cases?. Progress in Orthodontics, 2016, 17, 6.	1.3	4
86	Third Molar Agenesis Is Associated with Facial Size. Biology, 2021, 10, 650.	1.3	4
87	Three-Dimensional Analysis of Posterior Mandibular Displacement in Rats. Veterinary Sciences, 2022, 9, 144.	0.6	4
88	Advanced PowerPoint animation techniques: Part II. American Journal of Orthodontics and Dentofacial Orthopedics, 2000, 118, 236-240.	0.8	3
89	Digital image processing: How to retouch your clinical photographs. American Journal of Orthodontics and Dentofacial Orthopedics, 2000, 118, 469-475.	0.8	3
90	Guidelines for preparing and submitting images for publication. American Journal of Orthodontics and Dentofacial Orthopedics, 2001, 120, 445-447.	0.8	3

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91	What features should I look for in a scanner?. American Journal of Orthodontics and Dentofacial Orthopedics, 2004, 125, 117-118.	0.8	3
92	Friction might increase anchorage loading. American Journal of Orthodontics and Dentofacial Orthopedics, 2007, 131, 699.	0.8	3
93	Correlation of 2D:4D digit ratio and craniofacial shape in prepubertal children. American Journal of Human Biology, 2014, 26, 337-346.	0.8	3
94	Induced ankylosis of a primary molar for skeletal anchorage in the mandible as alternative to mini-implants. Progress in Orthodontics, 2015, 16, 18.	1.3	3
95	Incisor Occlusion Affects Profile Shape Variation in Middle-Aged Adults. Journal of Clinical Medicine, 2021, 10, 800.	1.0	3
96	Longitudinal 3D Study of Anterior Tooth Wear from Adolescence to Adulthood in Modern Humans. Biology, 2021, 10, 660.	1.3	3
97	What does the histogram of an image show?. American Journal of Orthodontics and Dentofacial Orthopedics, 2004, 125, 220-222.	0.8	2
98	How can I eliminate noise in the dark areas when scanning radiographs or slides?. American Journal of Orthodontics and Dentofacial Orthopedics, 2005, 127, 83-84.	0.8	2
99	Permutation method for evaluating topographic craniofacial correlations. American Journal of Orthodontics and Dentofacial Orthopedics, 2011, 139, e211-e217.	0.8	2
100	New features of PowerPoint 2002. American Journal of Orthodontics and Dentofacial Orthopedics, 2002, 122, 668-672.	0.8	1
101	What is the Foveon chip?. American Journal of Orthodontics and Dentofacial Orthopedics, 2004, 125, 390.	0.8	1
102	Why does the file get too large when I paste a picture in powerpoint?. American Journal of Orthodontics and Dentofacial Orthopedics, 2004, 125, 753.	0.8	1
103	How can I match the color on 2 intraoral digital images?. American Journal of Orthodontics and Dentofacial Orthopedics, 2004, 126, 518-519.	0.8	1
104	How can I convert my slides to digital images?. American Journal of Orthodontics and Dentofacial Orthopedics, 2004, 126, 640.	0.8	1
105	Friction and anchorage loading. American Journal of Orthodontics and Dentofacial Orthopedics, 2008, 133, 484-485.	0.8	1
106	Computer Survey. American Journal of Orthodontics and Dentofacial Orthopedics, 1999, 116, 699-701.	0.8	0
107	Ask Us*. American Journal of Orthodontics and Dentofacial Orthopedics, 2002, 122, 13A-14A.	0.8	0
108	Computers in Orthodontic Research. , 2013, , 81-111.		0

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109	â€œThe choice is oursâ€•(not to mention our patients'). American Journal of Orthodontics and Dentofacial Orthopedics, 2016, 149, 590-591.	0.8	0
110	Gingival health and excess weight. American Journal of Orthodontics and Dentofacial Orthopedics, 2021, 159, 4.	0.8	0
111	Gingival health and excess weight: Additional concerns. American Journal of Orthodontics and Dentofacial Orthopedics, 2021, 159, 4-5.	0.8	0
112	Intrauterine growth restriction affects bone mineral density of the mandible and the condyle in growing rats.. Journal of Musculoskeletal Neuronal Interactions, 2022, 22, 93-101.	0.1	0