

# Rachel Sarig

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6856621/publications.pdf>

Version: 2024-02-01

43  
papers

1,292  
citations

566801

15  
h-index

377514

34  
g-index

45  
all docs

45  
docs citations

45  
times ranked

1722  
citing authors

#	ARTICLE	IF	CITATIONS
1	The earliest modern humans outside Africa. <i>Science</i> , 2018, 359, 456-459.	6.0	373
2	Middle pleistocene dental remains from Qesem Cave (Israel). <i>American Journal of Physical Anthropology</i> , 2011, 144, 575-592.	2.1	118
3	Human mandibular shape is associated with masticatory muscle force. <i>Scientific Reports</i> , 2018, 8, 6042.	1.6	99
4	Dental calculus reveals potential respiratory irritants and ingestion of essential plant-based nutrients at Lower Palaeolithic Qesem Cave Israel. <i>Quaternary International</i> , 2016, 398, 129-135.	0.7	74
5	Ancient DNA from Chalcolithic Israel reveals the role of population mixture in cultural transformation. <i>Nature Communications</i> , 2018, 9, 3336.	5.8	71
6	A Middle Pleistocene <i>Homo</i> from Nesher Ramla, Israel. <i>Science</i> , 2021, 372, 1424-1428.	6.0	46
7	Sex estimation using computed tomography of the mandible. <i>International Journal of Legal Medicine</i> , 2017, 131, 1691-1700.	1.2	42
8	New Middle Pleistocene dental remains from Qesem Cave (Israel). <i>Quaternary International</i> , 2016, 398, 148-158.	0.7	34
9	Pattern of maxillary and mandibular proximal enamel thickness at the contact area of the permanent dentition from first molar to first molar. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2015, 147, 435-444.	0.8	30
10	The Qesem Cave hominin material (part 2): A morphometric analysis of dm2-QC2 deciduous lower second molar. <i>Quaternary International</i> , 2016, 398, 175-189.	0.7	30
11	The Association between Emotional Stress, Sleep, and Awake Bruxism among Dental Students: A Sex Comparison. <i>Journal of Clinical Medicine</i> , 2022, 11, 10.	1.0	30
12	The Qesem Cave hominin material (part 1): A morphometric analysis of the mandibular premolars and molar. <i>Quaternary International</i> , 2016, 398, 159-174.	0.7	28
13	Socioeconomic and Physical Characteristics of Individuals With Degenerative Lumbar Spinal Stenosis. <i>Spine</i> , 2013, 38, E554-E561.	1.0	25
14	Effects of different irrigation protocols on dentin surfaces as revealed through quantitative 3D surface texture analysis. <i>Scientific Reports</i> , 2020, 10, 22073.	1.6	17
15	The arrangement of the interproximal interfaces in the human permanent dentition. <i>Clinical Oral Investigations</i> , 2013, 17, 731-738.	1.4	16
16	Long- and short-term effects of headgear traction with and without the maxillary second molars. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2014, 146, 467-476.	0.8	16
17	How did the Qesem Cave people use their teeth? Analysis of dental wear patterns. <i>Quaternary International</i> , 2016, 398, 136-147.	0.7	16
18	The Plastered Skulls from the Pre-Pottery Neolithic B Site of Yiftahel (Israel) – A Computed Tomography-Based Analysis. <i>PLoS ONE</i> , 2014, 9, e89242.	1.1	15

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19	Malocclusion in Early Anatomically Modern Human: A Reflection on the Etiology of Modern Dental Misalignment. PLoS ONE, 2013, 8, e80771.	1.1	14
20	The association between dental wear and reduced vertical dimension of the face: A morphologic study on human skulls. Archives of Oral Biology, 2015, 60, 174-180.	0.8	14
21	Changes in human mandibular shape during the Terminal Pleistocene-Holocene Levant. Scientific Reports, 2019, 9, 8799.	1.6	14
22	Middle Pleistocene <i>Homo</i> behavior and culture at 140,000 to 120,000 years ago and interactions with <i>Homo sapiens</i> . Science, 2021, 372, 1429-1433.	6.0	14
23	A Possible Case of Cherubism in a 17th-Century Korean Mummy. PLoS ONE, 2014, 9, e102441.	1.1	12
24	Early Upper Paleolithic human foot bones from Manot Cave, Israel. Journal of Human Evolution, 2021, 160, 102668.	1.3	11
25	The dental remains from the Early Upper Paleolithic of Manot Cave, Israel. Journal of Human Evolution, 2021, 160, 102648.	1.3	11
26	Proximal attrition facets: morphometric, demographic, and aging characteristics. European Journal of Oral Sciences, 2014, 122, 271-278.	0.7	10
27	Variation in Chin and Mandibular Symphysis Size and Shape in Males and Females: A CT-Based Study. International Journal of Environmental Research and Public Health, 2020, 17, 4249.	1.2	10
28	Exploring directional and fluctuating asymmetry in the human palate during growth. American Journal of Physical Anthropology, 2021, 175, 847-864.	2.1	10
29	Secondary Dentin Formation Mechanism: The Effect of Attrition. International Journal of Environmental Research and Public Health, 2021, 18, 9961.	1.2	10
30	Rate and pattern of interproximal dental attrition. European Journal of Oral Sciences, 2015, 123, 276-281.	0.7	9
31	Changes in mandible characteristics during the terminal Pleistocene to Holocene Levant and their association with dietary habits. Journal of Archaeological Science: Reports, 2018, 22, 413-419.	0.2	9
32	Age estimation of fragmented human dental remains by secondary dentin virtual analysis. International Journal of Legal Medicine, 2020, 134, 1853-1860.	1.2	9
33	Are chin and symphysis morphology facial type“ dependent? A computed tomography-based study. American Journal of Orthodontics and Dentofacial Orthopedics, 2021, 160, 84-93.	0.8	9
34	Examination of the Interproximal Wear Mechanism: Facet Morphology and Surface Texture Analysis. Journal of Dental Research, 2018, 97, 1445-1451.	2.5	8
35	Rediscovering Geula Cave: A Middle Paleolithic cave site in northern Mt. Carmel, Israel. Quaternary International, 2022, 624, 181-197.	0.7	7
36	Post-Orthodontic Lower Incisors Recessions: Combined Periodontic and Orthodontic Approach. International Journal of Environmental Research and Public Health, 2020, 17, 8060.	1.2	5

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37	Response to Comment on <b>â€œ</b> A Middle Pleistocene <i>Homo</i> from Nesher Ramla, Israelâ€• Science, 2021, 374, eabl5789.	6.0	5
38	The effect of tooth wear, age and sex on facial height assessed by soft tissue analysis. Journal of Oral Rehabilitation, 2020, 47, 346-352.	1.3	4
39	Three-Dimensional Surface Texture Analysis of Fluorideâ€™s Effect on Enamel Erosion. Journal of Clinical Medicine, 2021, 10, 4528.	1.0	4
40	Reconstructing cultural behavior from dental wear studies: Is para-facets analysis approach scientifically valid?. HOMO- Journal of Comparative Human Biology, 2014, 65, 181-186.	0.3	3
41	The endocast of the late Middle Paleolithic Manot 1 specimen, Western Galilee, Israel. Journal of Human Evolution, 2021, 160, 102734.	1.3	3
42	Upper Lip Horizontal Line: Characteristics of a Dynamic Facial Line. International Journal of Environmental Research and Public Health, 2020, 17, 6672.	1.2	2
43	Dental wear patterns in early modern humans from Skhul and Qafzeh: A response to Luca Fiorenza and Ottmar Kullmer. HOMO- Journal of Comparative Human Biology, 2016, 67, 85-87.	0.3	0