

# Daniel H Fine

## List of Publications by Year in descending order

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64  
papers

4,601  
citations

236925

25  
h-index

118850

62  
g-index

66  
all docs

66  
docs citations

66  
times ranked

4558  
citing authors

#	ARTICLE	IF	CITATIONS
1	iPSC-derived cranial neural crest-like cells can replicate dental pulp tissue with the aid of angiogenic hydrogel. <i>Bioactive Materials</i> , 2022, 14, 290-301.	15.6	7
2	Altered Prevalence of Pulp Diagnoses in Diabetes Mellitus Patients: A Retrospective Study. <i>Journal of Endodontics</i> , 2022, 48, 208-212.e3.	3.1	6
3	The Opioid Analgesic Reduction Study (OARS)â€”a comparison of opioid vs. non-opioid combination analgesics for management of post-surgical pain: a double-blind randomized clinical trial. <i>Trials</i> , 2022, 23, 160.	1.6	6
4	Differential Effects of Antiseptic Mouth Rinses on SARS-CoV-2 Infectivity In Vitro. <i>Pathogens</i> , 2021, 10, 272.	2.8	43
5	Dysbiosis From a Microbial and Host Perspective Relative to Oral Health and Disease. <i>Frontiers in Microbiology</i> , 2021, 12, 617485.	3.5	25
6	Adaptation by Ancient Horizontal Acquisition of Butyrate Metabolism Genes in <i>Aggregatibacter actinomycetemcomitans</i> . <i>MBio</i> , 2021, 12, .	4.1	2
7	Determinants and Dynamics of SARS-CoV-2 Infection in a Diverse Population: 6-Month Evaluation of a Prospective Cohort Study. <i>Journal of Infectious Diseases</i> , 2021, 224, 1345-1356.	4.0	22
8	Ezh2 knockout in mesenchymal cells causes enamel hyper-mineralization. <i>Biochemical and Biophysical Research Communications</i> , 2021, 567, 72-78.	2.1	8
9	COVID-19 and Dentistry: Biological Considerations, Testing Strategies, Issues, and Regulations. <i>Compendium of Continuing Education in Dentistry (Jamesburg, NJ: 1995)</i> , 2021, 42, 290-296; quiz 297.	0.1	1
10	Perspectives on meeting the COVID-19 testing challenge: A dental school collaborative. <i>Journal of Dental Education</i> , 2020, 84, 950-954.	1.2	0
11	Authorsâ€™ response. <i>Journal of the American Dental Association</i> , 2020, 151, 160.	1.5	0
12	<i>Aggregatibacter actinomycetemcomitans</i> , a Low Abundance Pathobiont That Influences Biogeography, Microbial Dysbiosis, and Host Defense Capabilities in Periodontitis: The History of a Bug, and Localization of Disease. <i>Pathogens</i> , 2020, 9, 179.	2.8	21
13	The Microflora Diversity and Profiles in Dental Plaque Biofilms on Brackets and Tooth Surfaces of Orthodontic Patients. <i>The Journal of Indian Orthodontic Society</i> , 2019, 53, 183-188.	0.4	5
14	<i>Aggregatibacter actinomycetemcomitans</i> colonization and persistence in a primate model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 22307-22313.	7.1	13
15	Unique etiologic, demographic, and pathologic characteristics of localized aggressive periodontitis support classification as a distinct subcategory of periodontitis. <i>Journal of the American Dental Association</i> , 2019, 150, 922-931.	1.5	28
16	The effect of iron deficiency anemia on experimental dental caries in mice. <i>Archives of Oral Biology</i> , 2019, 105, 13-19.	1.8	9
17	<i>Aggregatibacter actinomycetemcomitans</i> (Aa) Under the Radar: Myths and Misunderstandings of Aa and Its Role in Aggressive Periodontitis. <i>Frontiers in Immunology</i> , 2019, 10, 728.	4.8	79
18	Utilization of Variant and Fusion Proteins To Functionally Map the <i>Aggregatibacter actinomycetemcomitans</i> Trimeric Autotransporter Protein ApiA. <i>Infection and Immunity</i> , 2018, 86, .	2.2	3

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19	Classification and diagnosis of aggressive periodontitis. Journal of Periodontology, 2018, 89, S103-S119.	3.4	79
20	Periodontitis: Consensus report of workgroup 2 of the 2017 World Workshop on the Classification of Periodontal and Peri-Implant Diseases and Conditions. Journal of Periodontology, 2018, 89, S173-S182.	3.4	1,322
21	Classification and diagnosis of aggressive periodontitis. Journal of Clinical Periodontology, 2018, 45, S95-S111.	4.9	42
22	Periodontitis: Consensus report of workgroup 2 of the 2017 World Workshop on the Classification of Periodontal and Peri-Implant Diseases and Conditions. Journal of Clinical Periodontology, 2018, 45, S162-S170.	4.9	673
23	Increased leukotoxin production: Characterization of 100 base pairs within the 530 base pair leukotoxin promoter region of <i>Aggregatibacter actinomycetemcomitans</i> . Scientific Reports, 2017, 7, 1887.	3.3	17
24	Survival of an <i>Aggregatibacter actinomycetemcomitans</i> quorum sensing <i>luxS</i> mutant in the mouths of Rhesus monkeys: insights into ecological adaptation. Molecular Oral Microbiology, 2017, 32, 432-442.	2.7	10
25	Reduction in bacteremia after brushing with a triclosan/copolymer dentifrice—A randomized clinical study. Journal of Clinical Periodontology, 2017, 44, 1020-1028.	4.9	10
26	Complete Genome Sequence of <i>Aggregatibacter actinomycetemcomitans</i> Strain IDH781. Genome Announcements, 2016, 4, .	0.8	3
27	Profound Effects of <i>Aggregatibacter actinomycetemcomitans</i> Leukotoxin Mutation on Adherence Properties Are Clarified in in vitro Experiments. PLoS ONE, 2016, 11, e0151361.	2.5	8
28	Role of Exopolysaccharide in <i>Aggregatibacter actinomycetemcomitans</i> –Induced Bone Resorption in a Rat Model for Periodontal Disease. PLoS ONE, 2015, 10, e0117487.	2.5	13
29	Colonization and Persistence of Labeled and “Foreign” Strains of <i>Aggregatibacter actinomycetemcomitans</i> Inoculated into the Mouths of Rhesus Monkeys. Journal of Oral Biology (Northborough, Mass ), 2015, 2, .	0.6	10
30	Commentary: A Ninety-Year History of Periodontosis: The Legacy of Professor Bernhard Gottlieb. Journal of Periodontology, 2015, 86, 1-6.	3.4	23
31	Subgingival Microbial Communities in Leukocyte Adhesion Deficiency and Their Relationship with Local Immunopathology. PLoS Pathogens, 2015, 11, e1004698.	4.7	68
32	Diabetic Lactoferrin Deficient Mice Demonstrates Greater Susceptibility to Experimental Periodontal Disease. Journal of Oral Biology (Northborough, Mass ), 2015, 2, .	0.6	1
33	Prophylactic effect of human lactoferrin against <i>Streptococcus mutans</i> bacteremia in lactoferrin knockout mice. Microbes and Infection, 2014, 16, 762-767.	1.9	19
34	Macrophage Inflammatory Protein-1 $\alpha$ Shows Predictive Value as a Risk Marker for Subjects and Sites Vulnerable to Bone Loss in a Longitudinal Model of Aggressive Periodontitis. PLoS ONE, 2014, 9, e98541.	2.5	37
35	Can salivary activity predict periodontal breakdown in <i>A. actinomycetemcomitans</i> infected adolescents?. Archives of Oral Biology, 2013, 58, 611-620.	1.8	17
36	Bacterial Infection Increases Periodontal Bone Loss in Diabetic Rats through Enhanced Apoptosis. American Journal of Pathology, 2013, 183, 1928-1935.	3.8	58

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37	A Consortium of <i>Aggregatibacter actinomycetemcomitans</i> , <i>Streptococcus parasanguinis</i> , and <i>Filifactor alocis</i> Is Present in Sites Prior to Bone Loss in a Longitudinal Study of Localized Aggressive Periodontitis. <i>Journal of Clinical Microbiology</i> , 2013, 51, 2850-2861.	3.9	119
38	A Lactotransferrin Single Nucleotide Polymorphism Demonstrates Biological Activity That Can Reduce Susceptibility to Caries. <i>Infection and Immunity</i> , 2013, 81, 1596-1605.	2.2	40
39	Whole mouth antimicrobial effects after oral hygiene: comparison of three dentifrice formulations. <i>Journal of Clinical Periodontology</i> , 2012, 39, 1056-1064.	4.9	15
40	<i>Aggregatibacter actinomycetemcomitans</i> Induced Bone Loss and Antibody Response in Three Rat Strains. <i>Journal of Periodontology</i> , 2011, 82, 142-150.	3.4	21
41	An investigation of the effect of an essential oil mouthrinse on induced bacteraemia: a pilot study. <i>Journal of Clinical Periodontology</i> , 2010, 37, 840-847.	4.9	22
42	<i>Aggregatibacter actinomycetemcomitans</i> as an Early Colonizer of Oral Tissues: Epithelium as a Reservoir?. <i>Journal of Clinical Microbiology</i> , 2010, 48, 4464-4473.	3.9	40
43	Mapping the epithelial-cell-binding domain of the <i>Aggregatibacter actinomycetemcomitans</i> autotransporter adhesin Aae. <i>Microbiology (United Kingdom)</i> , 2010, 156, 3412-3420.	1.8	10
44	Listerine: past, present and future – A test of thyme. <i>Journal of Dentistry</i> , 2010, 38, S2-S5.	4.1	12
45	An improved cost-effective, reproducible method for evaluation of bone loss in a rodent model. <i>Journal of Clinical Periodontology</i> , 2009, 36, 106-113.	4.9	13
46	Macrophage Inflammatory Protein-1 $\alpha$ : A Salivary Biomarker of Bone Loss in a Longitudinal Cohort Study of Children at Risk for Aggressive Periodontal Disease?. <i>Journal of Periodontology</i> , 2009, 80, 106-113.	3.4	77
47	Aggressive periodontitis in adolescents in Morocco. <i>Lancet, The</i> , 2008, 371, 188-189.	13.7	9
48	A Second <i>Aggregatibacter actinomycetemcomitans</i> Autotransporter Adhesin Exhibits Specificity for Buccal Epithelial Cells in Humans and Old World Primates. <i>Infection and Immunity</i> , 2007, 75, 4440-4448.	2.2	51
49	Saliva From Subjects Harboring <i>Actinobacillus actinomycetemcomitans</i> Kills <i>Streptococcus mutans</i> In Vitro. <i>Journal of Periodontology</i> , 2007, 78, 518-526.	3.4	14
50	<i>Aggregatibacter actinomycetemcomitans</i> and Its Relationship to Initiation of Localized Aggressive Periodontitis: Longitudinal Cohort Study of Initially Healthy Adolescents. <i>Journal of Clinical Microbiology</i> , 2007, 45, 3859-3869.	3.9	249
51	Effect of an essential oil-containing antimicrobial mouthrinse on specific plaque bacteria in vivo. <i>Journal of Clinical Periodontology</i> , 2007, 34, 652-657.	4.9	30
52	How we got attached to <i>Actinobacillus actinomycetemcomitans</i> : a model for infectious diseases. <i>Periodontology</i> 2000, 2006, 42, 114-157.	13.4	126
53	Dr. Theodor Rosebury: Grandfather of Modern Oral Microbiology. <i>Journal of Dental Research</i> , 2006, 85, 990-995.	5.2	6
54	The antimicrobial effect of a triclosan/copolymer dentifrice on oral microorganisms in vivo. <i>Journal of the American Dental Association</i> , 2006, 137, 1406-1413.	1.5	34

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55	The <i>Actinobacillus actinomycetemcomitans</i> Autotransporter Adhesin Aae Exhibits Specificity for Buccal Epithelial Cells from Humans and Old World Primates. <i>Infection and Immunity</i> , 2005, 73, 1947-1953.	2.2	53
56	The Widespread Colonization Island of <i>Actinobacillus actinomycetemcomitans</i> . <i>Nature Genetics</i> , 2003, 34, 193-198.	21.4	127
57	Clinical implications of the oral manifestations of HIV infection in children. <i>Dental Clinics of North America</i> , 2003, 47, 159-174.	1.8	12
58	Tight-adherence genes of <i>Actinobacillus actinomycetemcomitans</i> are required for virulence in a rat model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 7295-7300.	7.1	146
59	Genes for tight adherence of <i>Actinobacillus actinomycetemcomitans</i> : from plaque to plague to pond scum. <i>Trends in Microbiology</i> , 2001, 9, 429-437.	7.7	135
60	<i>flpA</i> , the first representative of a new pilin gene subfamily, is required for non-specific adherence of <i>Actinobacillus actinomycetemcomitans</i> . <i>Molecular Microbiology</i> , 2001, 40, 542-554.	2.5	179
61	Proximal Caries in Juvenile Periodontitis Patients. <i>Journal of Periodontology</i> , 2000, 71, 710-716.	3.4	21
62	Nonspecific Adherence by <i>Actinobacillus actinomycetemcomitans</i> Requires Genes Widespread in <i>Bacteria</i> and <i>Archaea</i> . <i>Journal of Bacteriology</i> , 2000, 182, 6169-6176.	2.2	194
63	Secretion of RTX Leukotoxin by <i>Actinobacillus actinomycetemcomitans</i> . <i>Infection and Immunity</i> , 2000, 68, 6094-6100.	2.2	6
64	Phenotypic variation in <i>Actinobacillus actionmycetemcomitans</i> during laboratory growth: implications for virulence. <i>Microbiology (United Kingdom)</i> , 1999, 145, 1335-1347.	1.8	147