Table S1 Number of papers published related to diabetes-associated periodontal disease from 1929 to 2020

Publication years	Record count	% of 3,572
2019	346	9.686
2018	342	9.574
2020	340	9.518
2017	337	9.434
2015	267	7.475
2016	265	7.419
2013	203	5.683
2014	201	5.627
2012	164	4.591
2011	135	3.779
2008	111	3.108
2009	111	3.108
2010	107	2.996
2007	91	2.548
2006	65	1.82
2005	64	1.792
2003	53	1.484
2001	46	1.288
2002	37	1.036
2004	37	1.036
2000	34	0.952
1999	29	0.812
1996	25	0.7
1997	22	0.616
1998	20	0.56
1993	16	0.448
1994	14	0.392
1992	13	0.364

Table S1 (*continued*)

Table S1 (*continued*)

Publication years	Record count	% of 3,572
1995	12	0.336
1991	11	0.308
1990	7	0.196
1989	6	0.168
1988	5	0.14
1981	4	0.112
1967	3	0.084
1986	3	0.084
1966	2	0.056
1974	2	0.056
1978	2	0.056
1982	2	0.056
1983	2	0.056
1984	2	0.056
1929	1	0.028
1947	1	0.028
1950	1	0.028
1960	1	0.028
1961	1	0.028
1962	1	0.028
1964	1	0.028
1968	1	0.028
1969	1	0.028
1971	1	0.028
1979	1	0.028
1980	1	0.028
1985	1	0.028
1987	1	0.028

Table S2 Countries' publication information

Frequency	Centrality	Year of first publication	Country/region
875	0.68	1974	USA
266	0.1	1996	Japan
253	0.12	1991	Brazil
280	0.05	1999	China
150	0.05	1990	India
135	0	1999	South Korea
127	0.06	2002	Saudi Arabia
122	0.08	1991	Germany
116	0.07	1995	England
114	0.07	1993	Turkey
110	0.01	1974	Finland
83	0.09	1995	Italy
71	0.01	1986	Sweden
68	0.08	1992	France
65	0.05	1992	Canada
63	0.05	2003	Spain
60	0	2002	Pakistan
51	0.04	1997	Australia
46	0.04	2008	Romania
42	0.07	1989	Netherlands
37	0.01	1997	Switzerland
36	0.01	2010	Poland
35	0.07	1994	Mexico
32	0	2000	Thailand
30	0.02	2004	Greece
30	0.01	1974	Denmark
30	0	2006	Iran
27	0.03	2000	Norway
27	0	2000	Israel
24	0.01	2001	Chile
21	0.07	1988	Serbia
21	0	1996	Portugal
18	0	2010	Malaysia
16	0.04	2002	Belgium
16	0.01	2002	Egypt

Table S2 (*continued*)

Table S2 (*continued*)

Frequency	Centrality	Year of first publication	Country/region
16	0.01	2008	U Arab Emirates
16	0	1999	Scotland
15	0.01	1999	Austria
15	0	2003	Jordan
15	0	2002	Singapore
13	0	1989	Ireland
11	0	2004	Kuwait
10	0	1998	Colombia
10	0	2004	Hungary
10	0	2011	Indonesia
10	0	2004	New Zealand
10	0	2005	Russia
9	0	1984	Nigeria
8	0.01	2006	North Ireland
8	0	1978	Argentina
7	0.01	2013	Qatar
7	0	1998	Croatia
6	0	2011	Lithuania
6	0	2001	South Africa
5	0	2001	Czech Republic
5	0	2005	Sri Lanka
4	0	2009	Bulgaria
4	0	2017	Iraq
4	0	2008	Lebanon
4	0	2013	Sudan
3	0.01	2006	Slovenia
3	0	2018	Cameroon
3	0	2014	Libya
3	0	2011	Trinidad Tobago
3	0	2014	Tunisia
3	0	2017	Ukraine
3	0	2005	Venezuela
2	0	2020	Albania
2	0	2015	Bangladesh

Table S2 (*continued*)

Table S2 (*continued*)

Frequency	Centrality	Year of first publication	Country/region
2	0	2010	Herzeg-Bosnia
2	0	2016	Ethiopia
2	0	2014	Ghana
2	0	2017	Nepal
2	0	2013	Peru
2	0	2011	Senegal
2	0	2005	Slovakia
2	0	2018	Vietnam
2	0	2006	Wales
1	0	2019	Bahrain
1	0	2017	Cote Ivoire
1	0	2018	Dominican Rep

Table S3 Institutions' publication information (Frequency >10)

Frequency	Centrality	Year of first publication	Institution
73	0.12	1998	Columbia Univ
72	0.02	2003	King Saud Univ
59	0.13	1998	Univ Michigan
51	0.06	1997	Univ Helsinki
51	0.04	2002	Univ Sao Paulo
50	0.06	1998	Univ N Carolina
43	0.04	1998	Univ Minnesota
39	0.08	2003	Boston Univ
38	0.03	2009	Sichuan Univ
36	0.02	1999	Oulu Univ Hosp
35	0.03	1998	SUNY Stony Brook
35	0.03	2003	Karolinska Inst
34	0.07	2001	Univ Washington
34	0.04	1998	SUNY Buffalo
34	0.01	1999	Univ Oulu
33	0.01	2007	Univ Guarulhos
33	0.01	1979	NYU
32	0.03	1999	Harvard Univ
32	0.01	2005	Univ Rochester
30	0.11	2008	Forsyth Inst
28	0.05	1998	Tokyo Med & Dent Univ
26	0.08	2002	UCL
26	0.04	2004	Niigata Univ
26	0.01	2003	Univ Estadual Campinas
25	0.03	2008	Univ Hong Kong
23	0.03	2000	Okayama Univ
23	0.01	2004	Univ Puerto Rico
22	0.01	2001	Kyushu Univ
21	0.02	2014	Catholic Univ Korea
21	0.01	2006	Univ Fed Minas Gerais

Table S3 (*continued*)

Table S3 (*continued*)

Frequency	Centrality	Year of first publication	Institution
20	0.03	2003	Aichi Gakuin Univ
20	0.01	2004	Med Univ S Carolina
20	0	2005	King Abdulaziz Univ
19	0.04	2009	Seoul Natl Univ
19	0.02	2001	Univ Bern
18	0.01	2009	Vrije Univ Amsterdam
18	0	2009	Yonsei Univ
17	0.03	2004	Newcastle Univ
17	0.02	1999	Univ Calif San Francisco
17	0.01	2010	Univ Amsterdam
17	0.01	2000	Kuopio Univ Hosp
16	0.05	2004	Univ Bonn
15	0.02	2001	Ege Univ
15	0	2006	Kyungpook Natl Univ
14	0.02	2011	Kings Coll London
14	0.02	2000	Ernst Moritz Arndt Univ Greifswald
14	0.01	2003	Univ Maryland
14	0.01	2000	Univ Florida
14	0	2011	Univ Med & Pharm Craiova
14	0	2013	Univ Eastern Finland
14	0	2017	Princess Nourah Bint Abdulrahman Univ
14	0	2012	Govt Dent Coll & Res Inst

Table S3 (*continued*)

Table S3 (*continued*)

Frequency	Centrality	Year of first publication	Institution
13	0.03	2002	Natl Univ Singapore
13	0.02	1998	Univ Calif Los Angeles
13	0.02	2011	Shandong Univ
13	0.01	2011	Univ Estadual Paulista
13	0.01	2003	Tulane Univ
13	0.01	2007	Natl Yang Ming Univ
13	0.01	2008	INSERM
13	0	2017	Ziauddin Univ
12	0.02	2006	Univ Illinois
12	0.01	2004	Univ Oslo
12	0	2004	Univ Athens
12	0	2018	Tokushima Univ
12	0	2016	Kanagawa Dent Univ
12	0	2003	Brigham & Womens Hosp
11	0.03	2007	Univ Birmingham
11	0.02	2006	Natl Taiwan Univ
11	0.01	2005	Univ Toronto
11	0.01	2006	Univ Copenhagen
11	0.01	2002	Univ Chile
11	0.01	2005	Osaka Univ
11	0.01	1998	Hiroshima Univ
11	0	2013	Wuhan Univ
11	0	2001	Univ Adelaide
11	0	2002	Case Western Reserve Univ

Table S4 Authors' publication information (Frequency >5)

Frequency	Centrality	Year of first publication	Author
32	0	2013	Fawad Javed
25	0	2008	Matti Knuuttila
18	0	2016	Fahim Vohra
17	0	2012	Yuichi Izumi
17	0	2017	Tariq Abduljabbar
16	0	2014	Kyungdo Han
14	0	2016	Junbeom Park
13	0	2007	Ira B Lamster
13	0	2012	Bruno G Loos
13	0	2015	Abdulaziz A Alkheraif
11	0	1996	F Nishimura
11	0	2007	A R Pradeep
10	0	2018	Zohaib Akram
10	0	2006	Kaumudi J Joshipura
10	0	2012	Panos N Papapanou
9	0	2007	Steven Offenbacher
9	0	2006	Evanthia Lalla
9	0	2007	Robert J Genco
8	0	1981	Rj Genco
8	0	1999	Amh Syrjala
8	0	2013	Qi Wang
8	0	2015	Georgios E Romanos
7	0	2018	Khulud Abdulrahman Alaali
7	0	2010	Vanessa Renata Santos
7	0	2009	Andreas Jaeger
7	0	2014	Soren Jepsen
7	0	2009	Pekka Ylostalo
7	0	1974	J Ainamo
7	0	2013	Luciano Tavares Angelo Cintra

Table S4 (*continued*)

Frequency	Centrality	Year of first publication	Author
7	0	2015	Mohammad D Al Amri
7	0	2009	Tellervo Tervonen
7	0	2010	Ryan T Demmer
7	0	2018	Koji Naruishi
7	0	2006	Anwar T Merchant
7	0	1996	E Lalla
7	0	2010	Poliana Mendes Duarte
7	0	2018	Masato Minabe
6	0	2019	Ahmad Zare Javid
6	0	2018	Junichi Kido
6	0	2014	Abid Mehmood
6	0	2011	Fernando Oliveira Costa
6	0	2008	Liisa Suominentaipale
6	0	2018	Mohammed Alrabiah
6	0	1993	E Firatli
6	0	2000	Ib Lamster
6	0	2013	Doris Hissako Sumida
6	0	2018	Zeyad H Alsowygh
6	0	2010	Jadson Almeida Lima
6	0	2008	Lijian Jin
6	0	2015	Hans Malmstrom
6	0	2008	George W Taylor
6	0	2017	Jaehong Lee
6	0	1990	Lm Golub
6	0	2007	James D Beck
6	0	1998	Gw Taylor
6	0	2009	Liisa Hiltunen
6	0	2006	Alpdogan Kantarci
6	0	1986	T Tervonen

Table S4 (*continued*)

Table S5 Keywords' information (Frequency >5)

Frequency	Burst	Degree	Betweenness Centrality	Sigma	Keyword
982		22	0.02	1	Periodontal disease
873		24	0.03	1	Disease
836		31	0.08	1	Periodontiti
778		36	0.15	1	Diabetes mellitus
532		31	0.06	1	Mellitus
476		37	0.14	1	Inflammation
418		25	0.02	1	Risk
415	7.31	26	0.07	1.66	Association
388		25	0.08	1	Diabete
359		23	0.04	1	Prevalence
340		34	0.05	1	Health
336		31	0.07	1	Oral health
322		31	0.07	1	Risk factor
292		22	0.02	1	Glycemic control
226	5.98	24	0.04	1.28	Cardiovascular disease
223		37	0.09	1	Therapy
216		19	0.02	1	Expression
212		22	0.01	1	Obesity
209	4.72	26	0.06	1.32	Adult
201		23	0.03	1	Population
187	9.82	26	0.04	1.53	Infection
184		32	0.04	1	Tooth lo
182		45	0.13	1	Smoking
170	7.18	24	0.02	1.18	Epidemiology
167	6.49	24	0.05	1.36	Porphyromonas gingivali
165	13.24	15	0.01	1.11	Chronic periodontiti
159	13.96	18	0.02	1.27	C reactive protein
159	6.74	20	0.01	1.07	Coronary heart disease
155	9.39	18	0.03	1.34	Insulin resistance
147		26	0.11	1	Gingival crevicular fluid
145	5.23	23	0.04	1.2	Metabolic control
121	14.36	24	0.05	1.95	Type 2 diabetes mellitus
115	8.59	15	0.01	1.06	Metaanalysis
110	4.56	22	0.05	1.27	Complication
104	5.42	21	0.07	1.45	Cytokine
102	4.74	18	0.02	1.1	Atherosclerosis

Table S5 (*continued*)

Table S5 (*continued*)

Frequency	Burst	Degree	Betweenness Centrality	Sigma	Keyword
101		20	0.03	1	Alveolar bone lo
100	6.41	12	0	1.02	Metabolic syndrome
80	4.72	17	0.04	1.19	Children
78		23	0.04	1	United states
77	13.72	15	0.01	1.11	Necrosis factor alpha
76		19	0.03	1	Saliva
74		13	0.01	1	Gingiviti
69	5.72	20	0.07	1.45	Glucose
66	4.85	14	0.05	1.26	Cell
66	7.92	9	0.01	1.07	Oxidative stress
64	6.41	20	0.02	1.15	Marker
61	6.3	20	0.04	1.26	Receptor
55	10.89	19	0.04	1.5	Cigarette smoking
54	8.37	12	0.04	1.33	Diagnosis
53	10.25	13	0.02	1.23	Bone lo
51	13.84	10	0.04	1.75	Dental implant
51	15.3	7	0.01	1.2	Impact
46	6.55	10	0.01	1.07	Dental cary
42		11	0.02	1	Activation
42		11	0.01	1	Mortality
41	17.05	9	0.02	1.29	Dependent diabetes mellitus
41	9.24	21	0.05	1.53	Serum
40	7.47	11	0.01	1.07	Progression
39	5.38	8	0.01	1.07	Mechanism
36	9.69	11	0.02	1.2	Actinobacillus actinomycetemcomitan
35	5.56	8	0.02	1.09	Bacteria
34	10.43	11	0.01	1.06	Women
33	11.43	19	0.04	1.63	Attachment lo
33		20	0.08	1	Rat
32	8.25	10	0.02	1.13	Adolescent
32	7.93	12	0.04	1.33	Gene expression
32	5.67	6	0	1.02	Hypertension
32	7.17	17	0.04	1.34	Oral hygiene
32	6.34	24	0.05	1.37	Tnf alpha
30	11.72	30	0.07	2.31	Tumor necrosis factor

Table S5 (*continued*)

Frequency	Burst	Degree	Betweenness Centrality	Sigma	Keyword
28		4	0	1	Consensus report
27	6.38	26	0.08	1.66	Pathogenesis
27		10	0.01	1	Type 2 diabete
24		9	0	1	Model
24		10	0.03	1	Protein
24	7.74	16	0.04	1.39	Rheumatoid arthriti
22	5.42	7	0	1.02	Glycation end product
22		4	0	1	Update
21	4.8	16	0.04	1.19	Plaque
21	8.44	9	0.01	1.12	Risk indicator
20		6	0.02	1	Hyperglycemia
20	9.75	11	0.02	1.2	Insulin dependent diabetics
20	4.7	8	0.01	1.03	Periodontaldisease
19	9.3	4	0	1.02	Adult periodontiti
19	10.02	2	0	1	Nutrition examination survey
19	8.11	17	0.04	1.39	Tissue
18	4.61	12	0.04	1.17	Matrix metalloproteinase
18	8.45	20	0.03	1.27	Myocardial infarction
17		2	0	1	Care
17		4	0	1	Classification
17	4.83	16	0.04	1.2	Insulin
17		8	0.01	1	Workshop
16	7.26	7	0	1.03	Hba1c
15		4	0	1	National health
14	6.85	6	0.02	1.11	Collagenase activity
14	5.92	9	0.01	1.08	Crevicular fluid
14	5.82	4	0	1.03	Follow up
14	6.13	6	0.01	1.05	Gingiva
14		5	0.03	1	Identification
14	7.64	8	0.01	1.05	Preterm birth
13	4.58	6	0.01	1.03	Age
13		5	0.01	1	Cary
13	5.96	8	0	1.02	Glycated hemoglobin
13	5.16	8	0.02	1.12	In vitro
12	5.4	1	0	1	Parameter

Table S5 (*continued*)

Table S5 (*continued*)

Frequency	Burst	Degree	Betweenness Centrality	Sigma	Keyword
12		8	0.01	1	Periodontal therapy
11		2	0.02	1	Apical periodontiti
11	5.27	6	0	1	Body mass index
11	4.75	4	0	1.01	C-reactive protein
11		4	0.01	1	Differentiation
11		10	0.02	1	Polymorphism
11	5.47	6	0.02	1.09	Severity
11	5.54	13	0.03	1.18	Systemic disease
10		5	0	1	Efficacy
10		5	0	1	Factor alpha
10		1	0	1	Global burden
10	6.11	3	0	1	IDDM
10	6.11	19	0.07	1.55	Juvenile periodontiti
10	4.74	5	0.01	1.06	Maintenance
10	5.71	7	0.01	1.03	Microbiology
10		1	0	1	Peri-implantiti
10		17	0.02	1	Prevention
10		2	0	1	Quality of life
10		8	0.02	1	Stress
10		2	0	1	Systemic inflammation
9		6	0.01	1	Antibody
9		4	0	1	Behavior
9	4.76	5	0	1	Dental infection
9		9	0.03	1	Interleukin 6
9		6	0.01	1	Lipopolysaccharide
9	4.68	11	0.03	1.15	Oxidant stress
9		4	0	1	Pregnancy
9		7	0.01	1	Teeth
8		3	0.01	1	Antioxidant
8		2	0	1	Biomarker
8		7	0.01	1	Bone
8		5	0.03	1	Collagenase
8	5.04	6	0	1.01	Dental disease
8	5.42	0	0	1	Diabetes-mellitus
8		6	0.01	1	Experience
8		11	0.02	1	Individual

Table S5 (*continued*)

Table S5 (*continued*)

Frequency	Burst	Degree	Betweenness Centrality	Sigma	Keyword
8		7	0.03	1	Juvenile
8		7	0.01	1	Neutrophil
8		5	0	1	Older
8		2	0	1	Proliferation
8		9	0.03	1	Response
8		17	0.04	1	Tetracycline
7		5	0	1	Acute myocardial infarction
7		4	0	1	Atherosclerosis risk
7		4	0	1	Bacteroides gingivali
7		4	0	1	Blood
7		3	0	1	Early onset periodontiti
7		6	0.01	1	Follow-up study
7		2	0	1	Leukocyte
7		7	0.02	1	Neutrophil chemotaxi
7		7	0	1	Pathogen
7		6	0.02	1	Periodontal diseases/epidemiology
7		2	0	1	Periodontal infection
7		2	0	1	Type 2
6		2	0	1	Adipose tissue
6		3	0	1	Alpha
6		2	0	1	Diabetes mellitus insulin-dependent
6		4	0	1	Diabetic rat
6		5	0.01	1	Glycation
6		5	0.01	1	Growth factor
6		2	0	1	Hygiene
6		6	0.01	1	Insulin-dependent diabetes mellitus
6		4	0.01	1	Knowledge
6		2	0	1	Low birth weight
6		6	0	1	Macrophage
6		7	0	1	Manifestation
6		7	0	1	Periodontal attachment lo
6		1	0	1	Prediabetic state
6		13	0.04	1	Riskfactor
6		3	0	1	Socioeconomic status
6		7	0	1	Type 1

Table S6 Keywords of Cluster 0

Frequency	Burst	Degree	Betweenness centrality	Sigma	keywords
218		32	0.04	1	Expression
142		22	0.02	1	Gingival crevicular fluid
119		25	0.02	1	Cytokine
86		19	0.02	1	Cell
85		18	0.02	1	Oxidative stress
82		22	0.02	1	Saliva
73		20	0.02	1	Receptor
72		18	0.02	1	Diagnosis
69		22	0.02	1	Activation
65		27	0.04	1	Rat
59	4.91	17	0.02	1.08	Serum
59		20	0.02	1	Glycation end product
57		12	0.01	1	Mechanism
53		18	0.02	1	Tissue
52	5.19	15	0.02	1.08	Gene expression
51		12	0.01	1	Hyperglycemia
49		22	0.03	1	Protein
47		22	0.03	1	Model
46		16	0.01	1	Biomarker
44		17	0.02	1	Lipopolysaccharide
41		24	0.04	1	Pathogenesis
40		23	0.03	1	Bone
35		22	0.02	1	Antioxidant
34		11	0.01	1	In vitro
33		20	0.03	1	Alveolar bone
32		20	0.03	1	Identification
30		12	0.01	1	Stress
25		11	0.01	1	High glucose
24		7	0	1	Differentiation
23		11	0	1	Apoptosis
22		19	0.02	1	Polymorphism
22		13	0.02	1	Proliferation
21		11	0.01	1	Matrix metalloproteinase
21		14	0.01	1	Alpha
20		10	0	1	Macrophage
19	5.24	7	0	1.02	Mice

Table S6 (*continued*)

Table S6 (*continued*)

Frequency	Burst	Degree	Betweenness centrality	Sigma	keywords
16		11	0.01	1	Adipokine
16		12	0.01	1	Secretion
15	5.69	8	0.01	1.03	Fibroblast
15	4.91	6	0	1.01	Susceptibility
15		5	0	1	Diabetes mellitus type 2
14		9	0	1	Inflammatory cytokine
14		12	0.01	1	Destruction
14		5	0	1	Gingival
13		9	0	1	Nf kappa b
13		7	0	1	Type 1 diabetes mellitus
13		8	0	1	Chemokine
12		9	0.01	1	Rage
12		15	0.01	1	Endothelial cell
12		13	0.02	1	In vivo
11		12	0.01	1	Growth factor
11		3	0	1	Inhibition
11		5	0	1	Type 1 diabete
11		8	0	1	Factor kappa b
11		10	0.01	1	Pathway
10		7	0	1	Interleukin 1 beta
10		9	0.01	1	Epithelial cell
10		9	0	1	Osteoblast
10		7	0.01	1	Toll like receptor
10		4	0	1	Metformin
9		3	0	1	Dysfunction
9		12	0.01	1	Advanced glycation end product
8		8	0	1	Collagen
8		5	0	1	Interleukin-6
8		4	0	1	Nitric oxide
8		6	0	1	Bone formation
7		3	0	1	Rankl
7		4	0	1	Stem cell
7		3	0	1	Induction
6		5	0	1	Oxidant stress
6		16	0.02	1	Attachment

Table S6 (*continued*)

Table S6 (*continued*)

Frequency	Burst	Degree	Betweenness centrality	Sigma	keywords
6		3	0	1	Angiogenesis
6		5	0	1	Periodontal ligament
6		10	0	1	Advanced glycation end-product
6		6	0	1	Resorption
5		3	0	1	Patient
5		4	0	1	Inflammatory mediator
5		4	0	1	Lymphocyte
4		3	0	1	Involvement
4		2	0	1	Receptor activator
4		5	0	1	Brain
4		10	0.01	1	Death
4		10	0.01	1	Adipocyte
4		8	0	1	Antioxidant status
4		3	0	1	Melatonin
4		3	0	1	Ligand
4		5	0	1	Antioxidant enzyme
4		1	0	1	Osteogenic differentiation
4		6	0.01	1	Dubliniensis
4		5	0	1	Modulation
4		5	0	1	Autophagy
3		1	0	1	Defect
3		1	0	1	Cytokine level
3		1	0	1	Yeast
3		1	0	1	Nitric oxide synthase
3		1	0	1	Virulence factor
3		4	0	1	Osteogenesis
3		2	0	1	Signaling pathway
3		2	0	1	End product
3		3	0	1	Glucose metabolism
3		1	0	1	Vitamin e
3		2	0	1	Innate
3		3	0	1	Periodontal ligament cell
3		3	0	1	Sclerostin
2		3	0	1	Bone morphogenetic protein 2
2		3	0	1	Breaker

Table S6 (*continued*)

Frequency	Burst	Degree	Betweenness centrality	Sigma	keywords
2		2	0	1	Alveolar bone resorption
2		3	0	1	T cell
2		4	0	1	Cytokine production
2		1	0	1	Anaerobic bacteria
2		5	0	1	Human
2		5	0	1	Epithelium
2		3	0	1	Prostaglandin e 2
2		1	0	1	Aging
2		4	0	1	Colony enhancing factor
2		6	0	1	Exposure
2		1	0	1	Fibronectin
2		4	0	1	Oral cancer
2		2	0	1	Experimental periodontal disease
2		2	0	1	Cytokine profile
2		3	0	1	Glycosylation end products advanced
2		1	0	1	Caspase-3
2		1	0	1	Interleukin-1
2		1	0	1	Diabetes mellitus type 1
2		1	0	1	Capillary
2		3	0	1	Beta
2		4	0	1	Potential mechanism
2		4	0	1	Abnormality
2		2	0	1	Adherence
2		2	0	1	Monocyte chemoattractant protein 1
2		1	0	1	Candidiasis
2		4	0	1	Advanced
2		2	0	1	25-hydroxyvitamin d-3
2		4	0	1	Antimicrobial peptide
2		3	0	1	Kinase
2		1	0	1	Dna damage
1		1	0	1	Cathepsin
1		6	0	1	Activated protein kinase
1		1	0	1	3t3 l1preadipocyte
1		1	0	1	Bacterial plaque implant
1		3	0	1	Connective tissue

Table S6 (*continued*)

Table S6 (*continued*)

Frequency	Burst	Degree	Betweenness centrality	Sigma	keywords
1		4	0.01	1	Adipogenesis
1		7	0	1	Accelerated periodontal disease
1		2	0	1	Accessory canal
1		2	0	1	Branemark(r) system
1		1	0	1	Alkaline phosphatase activity
1		1	0	1	Activated receptor gamma