

Malvin N Janal

List of Publications by Year in descending order

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Version: 2024-02-01

121
papers

5,373
citations

94433

37
h-index

95266

68
g-index

122
all docs

122
docs citations

122
times ranked

6876
citing authors

#	ARTICLE	IF	CITATIONS
1	Electronic Cigarette Use Promotes a Unique Periodontal Microbiome. MBio, 2022, 13, e0007522.	4.1	8
2	Oral cancer induced TRPV1 sensitization is mediated by PAR2 signaling in primary afferent neurons innervating the cancer microenvironment. Scientific Reports, 2022, 12, 4121.	3.3	17
3	Dental implant failure rates in patients with self-reported allergy to penicillin. Clinical Implant Dentistry and Related Research, 2022, 24, 301-306.	3.7	5
4	Residual stress estimated by nanoindentation in pontics and abutments of veneered zirconia fixed dental prostheses. Journal of Applied Oral Science, 2022, 30, e20210475.	1.8	1
5	Stress and anxiety in orthodontic residents during the coronavirus disease 2019 pandemic. American Journal of Orthodontics and Dentofacial Orthopedics, 2022, 162, e35-e43.	1.7	1
6	Legumain Induces Oral Cancer Pain by Biased Agonism of Protease-Activated Receptor-2. Journal of Neuroscience, 2021, 41, 193-210.	3.6	32
7	Ring-tailed lemurs (<i>Lemur catta</i>) use olfaction to locate distant fruit. American Journal of Physical Anthropology, 2021, 175, 300-307.	2.1	14
8	A question of intent: Application of the Knobe effect in teaching ethics. Journal of Dental Education, 2021, 85, 1404-1407.	1.2	1
9	Stress-evoked muscle activity in women with and without chronic myofascial face pain. Journal of Oral Rehabilitation, 2021, 48, 1089-1098.	3.0	4
10	Cathepsin S Evokes PAR2-Dependent Pain in Oral Squamous Cell Carcinoma Patients and Preclinical Mouse Models. Cancers, 2021, 13, 4697.	3.7	17
11	Comparative Effects of E-Cigarette Aerosol on Periodontium of Periodontitis Patients. Frontiers in Oral Health, 2021, 2, 729144.	3.0	7
12	The ultimatum bargaining game: An adaptation for teaching ethics. Journal of Dental Education, 2021, , .	1.2	1
13	The Effect of Body Mass Index on Brain Volume and Cognitive Function in Relapsing-Remitting Multiple sclerosis: A CombiRx Secondary Analysis. Journal of Central Nervous System Disease, 2021, 13, 117957352110421.	1.9	2
14	In vivo efficacy of calcium phosphate-based synthetic bone mineral on bone loss resulting from estrogen and mineral deficiencies. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2020, 108, 1868-1878.	3.4	1
15	Peripheral nerve injury and sensitization underlie pain associated with oral cancer perineural invasion. Pain, 2020, 161, 2592-2602.	4.2	22
16	Effect of multiple injections of botulinum toxin into painful masticatory muscles on bone density in the temporomandibular complex. Journal of Oral Rehabilitation, 2020, 47, 1319-1329.	3.0	15
17	Oncogenes overexpressed in metastatic oral cancers from patients with pain: potential pain mediators released in exosomes. Scientific Reports, 2020, 10, 14724.	3.3	21
18	TRPA1 mediates damage of the retina induced by ischemia and reperfusion in mice. Cell Death and Disease, 2020, 11, 633.	6.3	28

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19	Electronic Cigarette Aerosol Modulates the Oral Microbiome and Increases Risk of Infection. <i>IScience</i> , 2020, 23, 100884.	4.1	76
20	Twice-daily red and blue light treatment for <i>Candida albicans</i> biofilm matrix development control. <i>Lasers in Medical Science</i> , 2019, 34, 441-447.	2.1	10
21	Trans,trans-farnesol, an antimicrobial natural compound, improves glass ionomer cement properties. <i>PLoS ONE</i> , 2019, 14, e0220718.	2.5	3
22	Non-thermal plasma treatment to enhance the adhesion between enamel surface and orthodontic bracket. <i>Bio-Medical Materials and Engineering</i> , 2019, 30, 439-448.	0.6	2
23	Sensory testing associates with pain quality descriptors during acute dental pain. <i>European Journal of Pain</i> , 2019, 23, 1701-1711.	2.8	17
24	Reciprocal interactions between cancer and Schwann cells contribute to oral cancer progression and pain. <i>Heliyon</i> , 2019, 5, e01223.	3.2	20
25	Migraine-provoking substances evoke periorbital allodynia in mice. <i>Journal of Headache and Pain</i> , 2019, 20, 18.	6.0	43
26	Low-temperature plasma on peri-implant-related biofilm and gingival tissue. <i>Journal of Periodontology</i> , 2019, 90, 507-515.	3.4	21
27	Comorbid conditions are a risk for osteonecrosis of the jaw unrelated to antiresorptive therapy. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2019, 127, 140-150.	0.4	7
28	Schwann cells expressing nociceptive channel TRPA1 orchestrate ethanol-evoked neuropathic pain in mice. <i>Journal of Clinical Investigation</i> , 2019, 129, 5424-5441.	8.2	60
29	Residual stress of porcelain-fused to zirconia 3-unit fixed dental prostheses measured by nanoindentation. <i>Dental Materials</i> , 2018, 34, 260-271.	3.5	8
30	Caries outcome following an intensive fluoride varnish treatment regimen for children at high risk for early childhood caries. <i>International Journal of Paediatric Dentistry</i> , 2018, 28, 291-299.	1.8	6
31	The Pancreatic Cancer Microbiome Promotes Oncogenesis by Induction of Innate and Adaptive Immune Suppression. <i>Cancer Discovery</i> , 2018, 8, 403-416.	9.4	834
32	Regeneration of the cementum and periodontal ligament using local BDNF delivery in class II furcation defects. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018, 106, 1611-1617.	3.4	12
33	Developmental defects of enamel increase caries susceptibility in Chinese preschool children. <i>Community Dentistry and Oral Epidemiology</i> , 2018, 46, 500-510.	1.9	4
34	Interepisode Sleep Bruxism Intervals and Myofascial Face Pain. <i>Sleep</i> , 2017, 40, .	1.1	31
35	Microcomputed Tomography Evaluation of Volumetric Shrinkage of Bulk-Fill Composites in Class II Cavities. <i>Journal of Esthetic and Restorative Dentistry</i> , 2017, 29, 118-127.	3.8	41
36	Dynamic nanomechanical analysis of the vocal fold structure in excised larynges. <i>Laryngoscope</i> , 2017, 127, E225-E230.	2.0	19

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37	Alterations in opioid inhibition cause widespread nociception but do not affect anxiety-like behavior in oral cancer mice. <i>Neuroscience</i> , 2017, 363, 50-61.	2.3	7
38	A survey to determine agreement regarding the definition of centric relation. <i>Journal of Prosthetic Dentistry</i> , 2017, 117, 426-429.	2.8	14
39	A Rapid, Self-confirming Assay for HIV: Simultaneous Detection of Anti- HIV Antibodies and Viral RNA. <i>Journal of AIDS & Clinical Research</i> , 2016, 07, .	0.5	18
40	Surface characterization and in vivo evaluation of laser sintered and machined implants followed by resorbable-blasting media process: A study in sheep. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , 2016, 21, e206-e213.	1.7	3
41	The Synergistic Effect of Leukocyte Platelet-Rich Fibrin and Micrometer/Nanometer Surface Texturing on Bone Healing around Immediately Placed Implants: An Experimental Study in Dogs. <i>BioMed Research International</i> , 2016, 2016, 1-9.	1.9	20
42	Plasma markers of inflammation and prediction of cardiovascular disease and mortality in African Americans with type 1 diabetes. <i>Diabetes Research and Clinical Practice</i> , 2016, 114, 117-125.	2.8	15
43	Preservation and promotion of bone formation in the mandible as a response to a novel calcium-phosphate based biomaterial in mineral deficiency induced low bone mass male versus female rats. <i>Journal of Biomedical Materials Research - Part A</i> , 2016, 104, 1622-1632.	4.0	4
44	Fatigue resistance of CAD/CAM resin composite molar crowns. <i>Dental Materials</i> , 2016, 32, 499-509.	3.5	91
45	The scaling of human osteocyte lacuna density with body size and metabolism. <i>Comptes Rendus - Palevol</i> , 2016, 15, 32-39.	0.2	23
46	The effect of controlled microrobotized blasting on implant surface texturing and early osseointegration. <i>Journal of Biomaterials Applications</i> , 2016, 30, 900-907.	2.4	4
47	Periodontal disease's contribution to Alzheimer's disease progression in Down syndrome. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2016, 2, 49-57.	2.4	32
48	Variability in Capsaicin-stimulated Calcitonin Gene-related Peptide Release from Human Dental Pulp. <i>Journal of Endodontics</i> , 2016, 42, 542-546.	3.1	9
49	Does Fluorodeoxyglucose Positron Emission Tomography With Computed Tomography Facilitate Treatment of Medication-Related Osteonecrosis of the Jaw?. <i>Journal of Oral and Maxillofacial Surgery</i> , 2016, 74, 945-958.	1.2	23
50	Letter to the editor regarding: Summary of the evidence on modifiable risk factors for cognitive decline and dementia: A population-based perspective. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2015, 1, 385-386.	2.4	8
51	Are insertion torque and early osseointegration proportional? A histologic evaluation. <i>Clinical Oral Implants Research</i> , 2015, 26, 1256-1260.	4.5	17
52	Surface Characterization and In Vivo Evaluation of Dual Acid-Etched and Grit-Blasted/Acid-Etched Implants in Sheep. <i>Implant Dentistry</i> , 2015, Publish Ahead of Print, 256-62.	1.3	10
53	Incorporating Experiential Learning Techniques to Improve Self-Efficacy in Clinical Special Care Dentistry Education. <i>Journal of Dental Education</i> , 2015, 79, 1016-1023.	1.2	23
54	Communication Skills in Dental Students: New Data Regarding Retention and Generalization of Training Effects. <i>Journal of Dental Education</i> , 2015, 79, 940-948.	1.2	23

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55	Effect of Twice-Daily Blue Light Treatment on Matrix-Rich Biofilm Development. <i>PLoS ONE</i> , 2015, 10, e0131941.	2.5	44
56	Influence of atmospheric pressure plasma treatment on mechanical proprieties of enamel and sealant bond strength. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2015, 103, 1082-1091.	3.4	18
57	Effect of partially demineralized dentin beneath the hybrid layer on dentin-adhesive interface micromechanics. <i>Journal of Biomechanics</i> , 2015, 48, 701-707.	2.1	12
58	Effect of long-term storage on nanomechanical and morphological properties of dentin-adhesive interfaces. <i>Dental Materials</i> , 2015, 31, 141-153.	3.5	43
59	Progressive plateau root form dental implant osseointegration: A human retrieval study. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2015, 103, 1328-1332.	3.4	17
60	Markers of endothelial dysfunction and inflammation predict progression of diabetic nephropathy in African Americans with type 1 diabetes. <i>Kidney International</i> , 2015, 87, 427-433.	5.2	24
61	Communication Skills in Dental Students: New Data Regarding Retention and Generalization of Training Effects. <i>Journal of Dental Education</i> , 2015, 79, 940-8.	1.2	11
62	Incorporating Experiential Learning Techniques to Improve Self-Efficacy in Clinical Special Care Dentistry Education. <i>Journal of Dental Education</i> , 2015, 79, 1016-23.	1.2	4
63	The Effect of Brain-Derived Neurotrophic Factor on Periodontal Furcation Defects. <i>PLoS ONE</i> , 2014, 9, e84845.	2.5	20
64	The effect of implant diameter on osseointegration utilizing simplified drilling protocols. <i>Clinical Oral Implants Research</i> , 2014, 25, 1295-1300.	4.5	24
65	The Havers-Halberg oscillation regulates primate tissue and organ masses across the life-history continuum. <i>Biological Journal of the Linnean Society</i> , 2014, 112, 649-656.	1.6	31
66	Multiple Deployments and Combat Trauma: Do Homefront Stressors Increase the Risk for Posttraumatic Stress Symptoms?. <i>Journal of Traumatic Stress</i> , 2014, 27, 90-97.	1.8	29
67	Polysomnographic Investigation of Sleep and Respiratory Parameters in Women with Temporomandibular Pain Disorders. <i>Journal of Clinical Sleep Medicine</i> , 2014, 10, 195-201.	2.6	56
68	Fluorodeoxyglucose Positron Emission Tomography With Computed Tomography Detects Greater Metabolic Changes That Are Not Represented by Plain Radiography for Patients With Osteonecrosis of the Jaw. <i>Journal of Oral and Maxillofacial Surgery</i> , 2014, 72, 1957-1965.	1.2	20
69	Increased osseointegration effect of bone morphogenetic protein 2 on dental implants: An <i>in vivo</i> study. <i>Journal of Biomedical Materials Research - Part A</i> , 2014, 102, 1921-1927.	4.0	38
70	Nanometer-scale features on micrometer-scale surface texturing: A bone histological, gene expression, and nanomechanical study. <i>Bone</i> , 2014, 65, 25-32.	2.9	36
71	Mechanical Property Assessment of Bone Healing around a Titanium-Zirconium Alloy Dental Implant. <i>Clinical Implant Dentistry and Related Research</i> , 2014, 16, 913-919.	3.7	29
72	The effect of drilling speed on early bone healing to oral implants. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2013, 116, 550-555.	0.4	37

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73	Histomorphometry and Bone Mechanical Property Evolution Around Different Implant Systems at Early Healing Stages. <i>Implant Dentistry</i> , 2013, 22, 596-603.	1.3	36
74	Effect of Contingent Electrical Stimulation on Masticatory Muscle Activity and Pain in Patients with a Myofascial Temporomandibular Disorder and Sleep Bruxism. <i>Journal of Orofacial Pain</i> , 2013, 27, 21-31.	1.7	26
75	Sleep bruxism and myofascial temporomandibular disorders. <i>Journal of the American Dental Association</i> , 2012, 143, 1223-1231.	1.5	145
76	Simplified Drilling Technique Does Not Decrease Dental Implant Osseointegration: A Preliminary Report. <i>Journal of Periodontology</i> , 2012, 84, 1-8.	3.4	29
77	The effect of implant design on insertion torque and immediate micromotion. <i>Clinical Oral Implants Research</i> , 2012, 23, 113-118.	4.5	68
78	Assessment of a chair-side argon-based non-thermal plasma treatment on the surface characteristics and integration of dental implants with textured surfaces. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2012, 9, 45-49.	3.1	27
79	Medical and Psychological Risk Factors for Incident Hypertension in Type 1 Diabetic African-Americans. <i>International Journal of Hypertension</i> , 2011, 2011, 1-10.	1.3	3
80	Safety and Efficacy of Vagus Nerve Stimulation in Fibromyalgia: A Phase I/II Proof of Concept Trial. <i>Pain Medicine</i> , 2011, 12, 1406-1413.	1.9	85
81	The effect of different implant macrogeometries and surface treatment in early biomechanical fixation: An experimental study in dogs. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2011, 4, 1974-1981.	3.1	49
82	Effect of Drilling Technique on the Early Integration of Plateau Root Form Endosteal Implants: An Experimental Study in Dogs. <i>Journal of Oral and Maxillofacial Surgery</i> , 2011, 69, 2158-2163.	1.2	30
83	Comment on: Efficacy of botulinum toxin type A for treatment of persistent myofascial TMD pain: a randomized, controlled, double-blind multicenter study, by Ernberg, Hedenberg-Magnusson, List, and Svensson. <i>Pain</i> , 2011, 152, 2186-2187.	4.2	2
84	Childhood Trauma and Prevalence of Cardiovascular Disease in Patients With Type 1 Diabetes. <i>Psychosomatic Medicine</i> , 2010, 72, 833-838.	2.0	42
85	Biomechanical Evaluation of Endosseous Implants at Early Implantation Times: A Study in Dogs. <i>Journal of Oral and Maxillofacial Surgery</i> , 2010, 68, 1667-1675.	1.2	27
86	Design features of a three-dimensional molar crown and related maximum principal stress. A finite element model study. <i>Dental Materials</i> , 2010, 26, 156-163.	3.5	43
87	Biomechanical and histomorphometric analysis of etched and non-etched resorbable blasting media processed implant surfaces: An experimental study in dogs. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2010, 3, 382-391.	3.1	24
88	Histomorphologic and histomorphometric evaluation of various endosseous implant healing chamber configurations at early implantation times: a study in dogs. <i>Clinical Oral Implants Research</i> , 2010, 21, 577-583.	4.5	62
89	Periodontal health in Down syndrome: Contributions of mental disability, personal, and professional dental care. <i>Special Care in Dentistry</i> , 2010, 30, 118-123.	0.8	53
90	Biomechanical and bone histomorphologic evaluation of four surfaces on plateau root form implants: An experimental study in dogs. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2010, 109, e39-e45.	1.4	39

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91	Suicide attempts and ideation in African-American type 1 diabetic patients. <i>Psychiatry Research</i> , 2010, 179, 53-56.	3.3	39
92	Biomechanical and histomorphometric evaluation of a thin ion beam bioceramic deposition on plateau root form implants: An experimental study in dogs. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2009, 90B, 396-403.	3.4	39
93	Dental care and oral disease in alcohol-dependent persons. <i>Journal of Substance Abuse Treatment</i> , 2009, 37, 214-218.	2.8	19
94	Temporal summation of heat pain in temporomandibular disorder patients. <i>Journal of Orofacial Pain</i> , 2009, 23, 54-64.	1.7	53
95	Association of Polymorphism (Val66Met) of Brain-Derived Neurotrophic Factor with Suicide Attempts in Depressed Patients. <i>Neuropsychobiology</i> , 2008, 57, 139-145.	1.9	100
96	Color changes of restorative materials exposed in vitro to cola beverage. <i>Pediatric Dentistry (discontinued)</i> , 2008, 30, 309-16.	0.4	15
97	Risk Factors for Suicide Attempts Among Alcohol Dependent Patients. <i>Archives of Suicide Research</i> , 2007, 11, 211-217.	2.3	45
98	Interaction between Childhood Trauma and Serotonin Transporter Gene Variation in Suicide. <i>Neuropsychopharmacology</i> , 2007, 32, 2046-2052.	5.4	173
99	The Role of Tooth-Grinding in the Maintenance of Myofascial Face Pain: A Test of Alternate Models. <i>Pain Medicine</i> , 2007, 8, 486-496.	1.9	26
100	Oral Health, Related Behaviors and Oral Health Impacts Among Homeless Adults. <i>Journal of Public Health Dentistry</i> , 2006, 66, 276-278.	1.2	36
101	Gender in Suicide Attempt Rates and Childhood Sexual Abuse Rates: Is There an Interaction?. <i>Suicide and Life-Threatening Behavior</i> , 2006, 36, 329-335.	1.9	45
102	Sub-typing CFS patients on the basis of "minor" symptoms. <i>Biological Psychology</i> , 2006, 73, 124-131.	2.2	34
103	Psychiatric comorbidities in a community sample of women with fibromyalgia. <i>Pain</i> , 2006, 124, 117-125.	4.2	118
104	Oral health promotion among older persons and their care providers in a nursing home facility. <i>Gerodontology</i> , 2006, 23, 73-78.	2.0	68
105	Outcome Assessment of Inferior Alveolar Nerve Microsurgery: A Retrospective Review. <i>Journal of Oral and Maxillofacial Surgery</i> , 2006, 64, 1767-1770.	1.2	54
106	Failure Strength of 2.0 Locking Versus 2.0 Conventional Synthes Mandibular Plates: A Laboratory Model. <i>Journal of Oral and Maxillofacial Surgery</i> , 2006, 64, 1475-1479.	1.2	48
107	An in vitro evaluation of the effect of sealant characteristics on laser fluorescence for caries detection. <i>Pediatric Dentistry (discontinued)</i> , 2006, 28, 445-50.	0.4	16
108	The shear bond strength of acetone and ethanol-based bonding agents to bleached teeth. <i>Pediatric Dentistry (discontinued)</i> , 2006, 28, 531-6.	0.4	8

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109	Long-Term Outcome Assessment for Lingual Nerve Microsurgery. <i>Journal of Oral and Maxillofacial Surgery</i> , 2005, 63, 1145-1149.	1.2	54
110	Comorbidity of Fibromyalgia and Posttraumatic Stress Disorder Symptoms in a Community Sample of Women. <i>Pain Medicine</i> , 2004, 5, 33-41.	1.9	78
111	Facial trauma: a recurrent disease? The potential role of disease prevention. <i>Journal of Oral and Maxillofacial Surgery</i> , 2004, 62, 685-688.	1.2	95
112	Familial aggregation of depression in fibromyalgia: a community-based test of alternate hypotheses. <i>Pain</i> , 2004, 110, 449-460.	4.2	85
113	The Influence of Gingival Margin Recession on Loss of Clinical Attachment in Alcohol-Dependent Patients without Medical Disorders. <i>Journal of Periodontology</i> , 2003, 74, 485-493.	3.4	35
114	A community-based survey of fibromyalgia-like pain complaints following the World Trade Center terrorist attacks. <i>Pain</i> , 2002, 100, 131-139.	4.2	56
115	Attention, Memory, and Motor Skills as Childhood Predictors of Schizophrenia-Related Psychoses: The New York High-Risk Project. <i>American Journal of Psychiatry</i> , 2000, 157, 1416-1422.	7.2	449
116	Experimental pain sensitivity and reports of negative thoughts in adults with sickle cell disease. <i>Behavior Therapy</i> , 1995, 26, 273-293.	2.4	26
117	Are runners stoical? An examination of pain sensitivity in habitual runners and normally active controls. <i>Pain</i> , 1994, 58, 109-116.	4.2	37
118	The dimensions of pain: a multidimensional scaling comparison of cancer patients and healthy volunteers. <i>Pain</i> , 1989, 37, 23-32.	4.2	59
119	Altered Pain and Visual Sensitivity in Humans: The Effects of Acute and Chronic Stress. <i>Annals of the New York Academy of Sciences</i> , 1986, 467, 116-129.	3.8	51
120	Pain sensitivity, mood and plasma endocrine levels in man following long-distance running: Effects of naloxone. <i>Pain</i> , 1984, 19, 13-25.	4.2	336
121	Effects of Moderate and High Doses of Marijuana on Thermal Pain: A Sensory Decision Theory Analysis. <i>Journal of Clinical Pharmacology</i> , 1981, 21, 299S-310S.	2.0	38