

Malvin N Janal

List of Publications by Year in descending order

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121
papers

5,373
citations

94433

37
h-index

95266

68
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122
all docs

122
docs citations

122
times ranked

6876
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	Interaction between Childhood Trauma and Serotonin Transporter Gene Variation in Suicide. <i>Neuropsychopharmacology</i> , 2007, 32, 2046-2052.	5.4	173
5	Sleep bruxism and myofascial temporomandibular disorders. <i>Journal of the American Dental Association</i> , 2012, 143, 1223-1231.	1.5	145
6	Psychiatric comorbidities in a community sample of women with fibromyalgia. <i>Pain</i> , 2006, 124, 117-125.	4.2	118
7	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
8	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
9	Fatigue resistance of CAD/CAM resin composite molar crowns. <i>Dental Materials</i> , 2016, 32, 499-509.	3.5	91
10	Familial aggregation of depression in fibromyalgia: a community-based test of alternate hypotheses. <i>Pain</i> , 2004, 110, 449-460.	4.2	85
11	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
12	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
13	Electronic Cigarette Aerosol Modulates the Oral Microbiome and Increases Risk of Infection. <i>IScience</i> , 2020, 23, 100884.	4.1	76
14	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
15	The effect of implant design on insertion torque and immediate micromotion. <i>Clinical Oral Implants Research</i> , 2012, 23, 113-118.	4.5	68
16	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
17	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
18	The dimensions of pain: a multidimensional scaling comparison of cancer patients and healthy volunteers. <i>Pain</i> , 1989, 37, 23-32.	4.2	59

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19	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
20	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
21	Long-Term Outcome Assessment for Lingual Nerve Microsurgery. <i>Journal of Oral and Maxillofacial Surgery</i> , 2005, 63, 1145-1149.	1.2	54
22	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
23	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
24	Temporal summation of heat pain in temporomandibular disorder patients. <i>Journal of Orofacial Pain</i> , 2009, 23, 54-64.	1.7	53
25	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
26	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
27	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
28	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
29	Risk Factors for Suicide Attempts Among Alcohol Dependent Patients. <i>Archives of Suicide Research</i> , 2007, 11, 211-217.	2.3	45
30	Effect of Twice-Daily Blue Light Treatment on Matrix-Rich Biofilm Development. <i>PLoS ONE</i> , 2015, 10, e0131941.	2.5	44
31	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
32	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
33	Migraine-provoking substances evoke periorbital allodynia in mice. <i>Journal of Headache and Pain</i> , 2019, 20, 18.	6.0	43
34	Childhood Trauma and Prevalence of Cardiovascular Disease in Patients With Type 1 Diabetes. <i>Psychosomatic Medicine</i> , 2010, 72, 833-838.	2.0	42
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	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

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37	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
38	Suicide attempts and ideation in African-American type 1 diabetic patients. <i>Psychiatry Research</i> , 2010, 179, 53-56.	3.3	39
39	Effects of Moderate and High Doses of Marihuana on Thermal Pain: A Sensory Decision Theory Analysis. <i>Journal of Clinical Pharmacology</i> , 1981, 21, 299S-310S.	2.0	38
40	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
41	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
42	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
43	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
44	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
45	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
46	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
47	Sub-typing CFS patients on the basis of "minor" symptoms. <i>Biological Psychology</i> , 2006, 73, 124-131.	2.2	34
48	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
49	Legumain Induces Oral Cancer Pain by Biased Agonism of Protease-Activated Receptor-2. <i>Journal of Neuroscience</i> , 2021, 41, 193-210.	3.6	32
50	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
51	Interepisode Sleep Bruxism Intervals and Myofascial Face Pain. <i>Sleep</i> , 2017, 40, .	1.1	31
52	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
53	Simplified Drilling Technique Does Not Decrease Dental Implant Osseointegration: A Preliminary Report. <i>Journal of Periodontology</i> , 2012, 84, 1-8.	3.4	29
54	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

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55	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
56	TRPA1 mediates damage of the retina induced by ischemia and reperfusion in mice. <i>Cell Death and Disease</i> , 2020, 11, 633.	6.3	28
57	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
58	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
59	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
60	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
61	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
62	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
63	The effect of implant diameter on osseointegration utilizing simplified drilling protocols. <i>Clinical Oral Implants Research</i> , 2014, 25, 1295-1300.	4.5	24
64	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
65	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
66	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
67	The scaling of human osteocyte lacuna density with body size and metabolism. <i>Comptes Rendus - Palevol</i> , 2016, 15, 32-39.	0.2	23
68	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
69	Peripheral nerve injury and sensitization underlie pain associated with oral cancer perineural invasion. <i>Pain</i> , 2020, 161, 2592-2602.	4.2	22
70	Low-temperature plasma on peri-implant-related biofilm and gingival tissue. <i>Journal of Periodontology</i> , 2019, 90, 507-515.	3.4	21
71	Oncogenes overexpressed in metastatic oral cancers from patients with pain: potential pain mediators released in exosomes. <i>Scientific Reports</i> , 2020, 10, 14724.	3.3	21
72	The Effect of Brain-Derived Neurotrophic Factor on Periodontal Furcation Defects. <i>PLoS ONE</i> , 2014, 9, e84845.	2.5	20

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73	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
74	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
75	Reciprocal interactions between cancer and Schwann cells contribute to oral cancer progression and pain. <i>Heliyon</i> , 2019, 5, e01223.	3.2	20
76	Dental care and oral disease in alcohol-dependent persons. <i>Journal of Substance Abuse Treatment</i> , 2009, 37, 214-218.	2.8	19
77	Dynamic nanomechanical analysis of the vocal fold structure in excised larynges. <i>Laryngoscope</i> , 2017, 127, E225-E230.	2.0	19
78	Influence of atmospheric pressure plasma treatment on mechanical properties of enamel and sealant bond strength. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2015, 103, 1082-1091.	3.4	18
79	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
80	Are insertion torque and early osseointegration proportional? A histologic evaluation. <i>Clinical Oral Implants Research</i> , 2015, 26, 1256-1260.	4.5	17
81	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
82	Sensory testing associates with pain quality descriptors during acute dental pain. <i>European Journal of Pain</i> , 2019, 23, 1701-1711.	2.8	17
83	Cathepsin S Evokes PAR2-Dependent Pain in Oral Squamous Cell Carcinoma Patients and Preclinical Mouse Models. <i>Cancers</i> , 2021, 13, 4697.	3.7	17
84	Oral cancer induced TRPV1 sensitization is mediated by PAR2 signaling in primary afferent neurons innervating the cancer microenvironment. <i>Scientific Reports</i> , 2022, 12, 4121.	3.3	17
85	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
86	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
87	Effect of multiple injections of botulinum toxin into painful masticatory muscles on bone density in the temporomandibular complex. <i>Journal of Oral Rehabilitation</i> , 2020, 47, 1319-1329.	3.0	15
88	Color changes of restorative materials exposed in vitro to cola beverage. <i>Pediatric Dentistry (discontinued)</i> , 2008, 30, 309-16.	0.4	15
89	A survey to determine agreement regarding the definition of centric relation. <i>Journal of Prosthetic Dentistry</i> , 2017, 117, 426-429.	2.8	14
90	Ring-tailed lemurs (<i>Lemur catta</i>) use olfaction to locate distant fruit. <i>American Journal of Physical Anthropology</i> , 2021, 175, 300-307.	2.1	14

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91	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
92	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
93	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
94	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
95	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
96	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
97	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
98	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
99	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
100	Electronic Cigarette Use Promotes a Unique Periodontal Microbiome. <i>MBio</i> , 2022, 13, e0007522.	4.1	8
101	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
102	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
103	Comparative Effects of E-Cigarette Aerosol on Periodontium of Periodontitis Patients. <i>Frontiers in Oral Health</i> , 2021, 2, 729144.	3.0	7
104	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
105	Dental implant failure rates in patients with self-reported allergy to penicillin. <i>Clinical Implant Dentistry and Related Research</i> , 2022, 24, 301-306.	3.7	5
106	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
107	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
108	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

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109	Stress- <i>evoked</i> muscle activity in women with and without chronic myofascial face pain. <i>Journal of Oral Rehabilitation</i> , 2021, 48, 1089-1098.	3.0	4
110	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
111	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
112	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
113	Trans,trans-farnesol, an antimicrobial natural compound, improves glass ionomer cement properties. <i>PLoS ONE</i> , 2019, 14, e0220718.	2.5	3
114	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
115	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
116	The Effect of Body Mass Index on Brain Volume and Cognitive Function in Relapsing- <i>Remitting</i> Multiple sclerosis: A CombiRx Secondary Analysis. <i>Journal of Central Nervous System Disease</i> , 2021, 13, 117957352110421.	1.9	2
117	In vivo efficacy of calcium phosphate-based synthetic-bone-mineral on bone loss resulting from estrogen and mineral deficiencies. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2020, 108, 1868-1878.	3.4	1
118	A question of intent: Application of the Knobe effect in teaching ethics. <i>Journal of Dental Education</i> , 2021, 85, 1404-1407.	1.2	1
119	The ultimatum bargaining game: An adaptation for teaching ethics. <i>Journal of Dental Education</i> , 2021, , .	1.2	1
120	Residual stress estimated by nanoindentation in pontics and abutments of veneered zirconia fixed dental prostheses. <i>Journal of Applied Oral Science</i> , 2022, 30, e20210475.	1.8	1
121	Stress and anxiety in orthodontic residents during the coronavirus disease 2019 pandemic. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2022, 162, e35-e43.	1.7	1