

Carlos E Nemcovsky

List of Publications by Year in descending order

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111
papers

3,274
citations

136740

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155451

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113
all docs

113
docs citations

113
times ranked

2516
citing authors

#	ARTICLE	IF	CITATIONS
1	Twenty years of enamel matrix derivative: the past, the present and the future. <i>Journal of Clinical Periodontology</i> , 2016, 43, 668-683.	2.3	186
2	Healing of dehiscence-type defects in implants placed together with different barrier membranes: a comparative clinical study. <i>Clinical Oral Implants Research</i> , 2005, 16, 210-219.	1.9	178
3	Root Coverage of Advanced Gingival Recession: A Comparative Study Between Acellular Dermal Matrix Allograft and Subepithelial Connective Tissue Grafts. <i>Journal of Periodontology</i> , 2002, 73, 1405-1411.	1.7	145
4	Biomaterial resorption rate and healing site morphology of inorganic bovine bone and beta-tricalcium phosphate in the canine: a 24-month longitudinal histologic study and morphometric analysis. <i>International Journal of Oral and Maxillofacial Implants</i> , 2004, 19, 357-68.	0.6	145
5	The amount of newly formed bone in sinus grafting procedures depends on tissue depth as well as the type and residual amount of the grafted material. <i>Journal of Clinical Periodontology</i> , 2005, 32, 193-199.	2.3	110
6	Alveolar Ridge Preservation Following Extraction of Maxillary Anterior Teeth. Report on 23 Consecutive Cases. <i>Journal of Periodontology</i> , 1996, 67, 390-395.	1.7	95
7	In vitro Effects of Enamel Matrix Proteins on Rat Bone Marrow Cells and Gingival Fibroblasts. <i>Journal of Dental Research</i> , 2004, 83, 134-138.	2.5	87
8	The Application of Deproteinized Bovine Bone Mineral for Ridge Preservation Prior to Implantation. Clinical and Histological Observations in a Case Report. <i>Journal of Periodontology</i> , 1998, 69, 1062-1067.	1.7	85
9	Long-term bio-degradation of cross-linked and non-cross-linked collagen barriers in human guided bone regeneration. <i>Clinical Oral Implants Research</i> , 2008, 19, 295-302.	1.9	84
10	Bio-degradation of a resorbable collagen membrane (Bio-Gide [®]) applied in a double-layer technique in rats. <i>Clinical Oral Implants Research</i> , 2009, 20, 1116-1123.	1.9	83
11	Cross-linked and non-cross-linked collagen barrier membranes disintegrate following surgical exposure to the oral environment: a histological study in the cat. <i>Clinical Oral Implants Research</i> , 2008, 19, 760-766.	1.9	81
12	Clinical evaluation of particulate allogeneic with and without autogenous bone grafts and resorbable collagen membranes for bone augmentation of atrophic alveolar ridges. <i>Clinical Oral Implants Research</i> , 2010, 21, 1242-1250.	1.9	78
13	Histopathological Morphometric Evaluation of 2 Different Hydroxyapatite-Bone Derivatives in Sinus Augmentation Procedures: A Comparative Study in Humans. <i>Journal of Periodontology</i> , 2001, 72, 911-920.	1.7	76
14	Vertical ridge augmentation using xenogenic material supported by a configured titanium mesh: clinicohistopathologic and histochemical study. <i>International Journal of Oral and Maxillofacial Implants</i> , 2003, 18, 440-6.	0.6	72
15	Comparative Study of Buccal Dehiscence Defects in Immediate, Delayed, and Late Maxillary Implant Placement With Collagen Membranes: Clinical Healing Between Placement and Second-Stage Surgery. <i>Journal of Periodontology</i> , 2002, 73, 754-761.	1.7	70
16	A Multicenter Comparative Study of Two Root Coverage Procedures: Coronally Advanced Flap With Addition of Enamel Matrix Proteins and Subpedicle Connective Tissue Graft. <i>Journal of Periodontology</i> , 2004, 75, 600-607.	1.7	70
17	Displacement of the incisive foramen in conjunction with implant placement in the anterior maxilla without jeopardizing vitality of nasopalatine nerve and vessels: a novel surgical approach. <i>Clinical Oral Implants Research</i> , 2000, 11, 505-510.	1.9	68
18	Biodegradation of Three Different Collagen Membranes in the Rat Calvarium: A Comparative Study. <i>Journal of Periodontology</i> , 2008, 79, 905-911.	1.7	68

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19	Bovine-HA spongiosa blocks and immediate implant placement in sinus augmentation procedures. <i>Clinical Oral Implants Research</i> , 2002, 13, 420-427.	1.9	67
20	Healing of marginal defects at implants placed in fresh extraction sockets or after 4-6 weeks of healing. <i>Clinical Oral Implants Research</i> , 2002, 13, 410-419.	1.9	63
21	Enamel Matrix Derivative Stimulates Human Gingival Fibroblast Proliferation via ERK. <i>Journal of Dental Research</i> , 2007, 86, 41-46.	2.5	61
22	Interproximal Papillae Reconstruction in Maxillary Implants. <i>Journal of Periodontology</i> , 2000, 71, 308-314.	1.7	60
23	Histomorphometric assessment of bone formation in sinus augmentation utilizing a combination of autogenous and hydroxyapatite/biphasic tricalcium phosphate graft materials: at 6 and 9 months in humans. <i>Clinical Oral Implants Research</i> , 2008, 19, 686-692.	1.9	60
24	Effect of non-erupted 3rd molars on distal roots and supporting structures of approximal teeth A radiographic survey of 202 cases. <i>Journal of Clinical Periodontology</i> , 1996, 23, 810-815.	2.3	58
25	Rotated Split Palatal Flap for Soft Tissue Primary Coverage Over Extraction Sites With Immediate Implant Placement. Description of the Surgical Procedure and Clinical Results. <i>Journal of Periodontology</i> , 1999, 70, 926-934.	1.7	58
26	Four-year results of a prospective-controlled clinical study evaluating healing of intra-bony defects following treatment with an enamel matrix protein derivative alone or combined with a bioactive glass. <i>Journal of Clinical Periodontology</i> , 2007, 34, 507-513.	2.3	52
27	Qualitative and Quantitative Expression of Bovine Bone Mineral in Experimental Bone Defects. Part 2: Morphometric Analysis. <i>Journal of Periodontology</i> , 2003, 74, 1153-1160.	1.7	49
28	Comparative Study of Two Root Coverage Procedures: A 24-Month Follow-Up Multicenter Study. <i>Journal of Periodontology</i> , 2006, 77, 195-202.	1.7	48
29	Rotated palatal flap in immediate implant procedures. <i>Clinical Oral Implants Research</i> , 2000, 11, 83-90.	1.9	46
30	Orthodontic Tooth Movement Enhances Bone Healing of Surgical Bony Defects in Rats. <i>Journal of Periodontology</i> , 2001, 72, 858-864.	1.7	46
31	Effect of Enamel Matrix Protein Derivative on Healing of Surgical Supra-Infrabony Periodontal Defects in the Rat Molar: A Histomorphometric Study. <i>Journal of Periodontology</i> , 2006, 77, 996-1002.	1.7	42
32	Qualitative and Quantitative Expression of Bovine Bone Mineral in Experimental Bone Defects. Part 1: Description of a Dog Model and Histological Observations. <i>Journal of Periodontology</i> , 2003, 74, 1143-1152.	1.7	33
33	Bone Apposition in Surgical Bony Defects Following Orthodontic Movement: A Comparative Histomorphometric Study Between Root- and Periodontal Ligament-Damaged and Periodontally Intact Rat Molars. <i>Journal of Periodontology</i> , 2004, 75, 1013-1019.	1.7	33
34	Periodontal healing following orthodontic movement of rat molars with intact versus damaged periodontia towards a bony defect. <i>European Journal of Orthodontics</i> , 2007, 29, 338-344.	1.1	31
35	<i>In vitro</i> models for evaluation of periodontal wound healing/regeneration. <i>Periodontology</i> 2000, 2015, 68, 41-54.	6.3	31
36	Effect of air-polishing devices on the gingiva: histologic study in the Canine. <i>Journal of Clinical Periodontology</i> , 2005, 32, 329-334.	2.3	29

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37	Enamel matrix derivative protects human gingival fibroblasts from TNF α -induced apoptosis by inhibiting caspase activation. <i>Journal of Cellular Physiology</i> , 2007, 213, 750-758.	2.0	28
38	Periodontal healing after application of enamel matrix derivative in surgical supra/infrabony periodontal defects in rats with streptozotocin α -induced diabetes. <i>Journal of Periodontal Research</i> , 2014, 49, 93-101.	1.4	27
39	Prostaglandin E ₂ inhibits the proliferation of human gingival fibroblasts via the EP ₂ receptor and Epac. <i>Journal of Cellular Biochemistry</i> , 2009, 108, 207-215.	1.2	26
40	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.	1.5	24
41	Enamel matrix derivative induces the expression of tissue inhibitor of matrix metalloproteinase-3 in human gingival fibroblasts via extracellular signal-regulated kinase. <i>Journal of Periodontal Research</i> , 2010, 45, 200-206.	1.4	24
42	Differential effects of prostaglandin E2 and enamel matrix derivative on the proliferation of human gingival and dermal fibroblasts and gingival keratinocytes. <i>Journal of Periodontal Research</i> , 2010, 45, 731-740.	1.4	22
43	Implant treatment choice after extraction of a vertically fractured tooth. A proposal for a clinical classification of bony defects based on a systematic review of literature. <i>Clinical Oral Implants Research</i> , 2014, 25, 946-956.	1.9	22
44	Enamel Matrix Derivative Promotes Healing of a Surgical Wound in the Rat Oral Mucosa. <i>Journal of Periodontology</i> , 2016, 87, 601-609.	1.7	21
45	Effect of non-erupted third molars on roots of approximal teeth. A radiographic, clinical and histologic study. <i>Journal of Oral Pathology and Medicine</i> , 1997, 26, 464-469.	1.4	20
46	Simultaneous <i>versus</i> two-stage implant placement and guided bone regeneration in the canine: histomorphometry at 8 and 16 months. <i>Journal of Clinical Periodontology</i> , 2010, 37, 1029-1038.	2.3	19
47	Bone remodeling at implants with different configurations and placed immediately at different depth into extraction sockets. Experimental study in dogs. <i>Clinical Oral Implants Research</i> , 2015, 26, 507-515.	1.9	19
48	Hyaluronic acid slows down collagen membrane degradation in uncontrolled diabetic rats. <i>Journal of Periodontal Research</i> , 2019, 54, 644-652.	1.4	19
49	Tetracycline Impregnation Delays Collagen Membrane Degradation In Vivo. <i>Journal of Periodontology</i> , 2004, 75, 1096-1101.	1.7	18
50	Experimental Intrabony and Periodontal Defects Treated With Natural Mineral Combined With a Synthetic Cell-Binding Peptide in the Canine: Morphometric Evaluations. <i>Journal of Periodontology</i> , 2006, 77, 1658-1664.	1.7	18
51	Gene profile in periodontal ligament cells and clones with enamel matrix proteins derivative. <i>Journal of Clinical Periodontology</i> , 2007, 34, 599-609.	2.3	18
52	Tetracycline Modulates Collagen Membrane Degradation In Vitro. <i>Journal of Periodontology</i> , 2001, 72, 1588-1593.	1.7	16
53	EGFR in Enamel Matrix Derivative-induced Gingival Fibroblast Mitogenesis. <i>Journal of Dental Research</i> , 2008, 87, 850-855.	2.5	16
54	The effect of three different recording materials on the reproducibility of condylar guidance registrations in three semi-adjustable articulators. <i>Journal of Oral Rehabilitation</i> , 1998, 25, 204-208.	1.3	15

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55	Variation of skin surface temperature over the masseter muscles in patients with myofascial pain following occlusal splint treatment. <i>Journal of Oral Rehabilitation</i> , 1995, 22, 769-773.	1.3	13
56	Rotated palatal flap. A surgical approach to increase keratinized tissue width in maxillary implant uncovering: technique and clinical evaluation. <i>International Journal of Periodontics and Restorative Dentistry</i> , 2002, 22, 607-12.	0.4	13
57	<i>Porphyromonas gingivalis</i> lipopolysaccharide and glycated serum albumin increase the production of several pro-inflammatory molecules in human gingival fibroblasts via NF κ B. <i>Archives of Oral Biology</i> , 2020, 116, 104766.	0.8	12
58	Investigation of the effects of a variable lateral guidance incline on the pantonic registration of mandibular border movement: Part II. <i>Journal of Prosthetic Dentistry</i> , 1993, 70, 336-344.	1.1	11
59	Histomorphometric assessment of bone formation in sinus augmentation utilizing a combination of autogenous and hydroxyapatite/biphasic tricalcium phosphate graft materials: at 6 and 9 months in humans. <i>Clinical Oral Implants Research</i> , 2008, 19, 686-692.	1.9	11
60	Evaluation of a topical herbal patch for soft tissue wound healing: an animal study. <i>Journal of Clinical Periodontology</i> , 2015, 42, 288-293.	2.3	11
61	BONE REGENERATION IN EXTRACTION SITES. PART 1. <i>Implant Dentistry</i> , 1997, 6, 175-182.	1.7	10
62	Scanning Electron Microscope Evaluation of Two Methods of Resharpener Periodontal Curets: A Comparative Study. <i>Journal of Periodontology</i> , 2003, 74, 1032-1037.	1.7	10
63	Opposing Effects of Diabetes and Tetracycline on the Degradation of Collagen Membranes in Rats. <i>Journal of Periodontology</i> , 2013, 84, 529-534.	1.7	10
64	Lateral bone augmentation in narrow posterior mandibles, description of a novel approach, and analysis of results. <i>Clinical Implant Dentistry and Related Research</i> , 2018, 20, 96-101.	1.6	10
65	Fibroblasts from the oral masticatory and lining mucosa have different gene expression profiles and proliferation rates. <i>Journal of Clinical Periodontology</i> , 2021, 48, 1393-1401.	2.3	10
66	Systemic tetracycline delays degradation of three different collagen membranes in rat calvaria. <i>Clinical Oral Implants Research</i> , 2009, 20, 189-195.	1.9	9
67	Bioresorbable Collagen Membranes for Guided Bone Regeneration. , 2012, , .		9
68	Accelerated degradation of collagen membranes in diabetic rats is associated with increased infiltration of macrophages and blood vessels. <i>Clinical Oral Investigations</i> , 2016, 20, 1589-1596.	1.4	9
69	Functional Disturbances of the Masticatory System in an Elderly Population Group. <i>Cranio - Journal of Craniomandibular Practice</i> , 1989, 7, 46-51.	0.6	7
70	Nonceramic hydroxyapatite bone derivative in sinus augmentation procedures: clinical and histomorphometric observations in 10 consecutive cases. <i>International Journal of Periodontics and Restorative Dentistry</i> , 2003, 23, 381-9.	0.4	7
71	A Comparative Study of Three Therapeutic Modalities in a Temporomandibular Disorder (TMD) Population. <i>Cranio - Journal of Craniomandibular Practice</i> , 1992, 10, 148-157.	0.6	6
72	Implant-associated cracked teeth: case series. <i>Evidence-Based Endodontics</i> , 2017, 2, .	0.4	6

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73	Modified Tunnel Double Papilla Procedure for Root Coverage in the Anterior Mandible. International Journal of Periodontics and Restorative Dentistry, 2019, 39, 503-509.	0.4	6
74	BONE REGENERATION IN EXTRACTION SITES. PART 2. Implant Dentistry, 1997, 6, 183-192.	1.7	5
75	Timing of Implant Placement and Augmentation with Bone Replacement Material: Clinical Assessment at 8 and 16 Months. Clinical Implant Dentistry and Related Research, 2013, 15, 121-129.	1.6	5
76	Evidence-Based Decision Making in Periodontal Tooth Prognosis and Maintenance of the Natural Dentition. , 2017, , 39-59.		5
77	The Influence of Residual Alveolar Bone Height on Graft Composition after Maxillary Sinus Augmentation Using Two Different Xenografts: A Histomorphometric Comparative Study. Materials, 2020, 13, 5093.	1.3	5
78	Cross-linked hyaluronic acid slows down collagen membrane resorption in diabetic rats through reducing the number of macrophages. Clinical Oral Investigations, 2022, 26, 2401-2411.	1.4	5
79	Effect of root surface conditioning on gingival recession coverage with a connective tissue graft. A retrospective comparative study of three different agents. Journal of Esthetic and Restorative Dentistry, 2021, 33, 679-684.	1.8	4
80	The Incidence and Nature of Claims against Dentists Related to Periodontal Treatment in Israel during the Years 2005-2019. International Journal of Environmental Research and Public Health, 2021, 18, 4153.	1.2	4
81	Custom overdenture retainer. Journal of Oral Rehabilitation, 1990, 17, 343-350.	1.3	3
82	Transferring provisional restorations to final master casts. Journal of Oral Rehabilitation, 1994, 21, 157-163.	1.3	3
83	Tetracycline impregnation affects degradation of porcine collagen matrix in healthy and diabetic rats. Clinical Oral Investigations, 2016, 20, 1237-1242.	1.4	3
84	Extended Maxillary Sinus Augmentation to the Apical Area of the Neighboring Teeth: Advantages and Limitations. International Journal of Periodontics and Restorative Dentistry, 2018, 38, 451-456.	0.4	3
85	Modern Clinical Procedures in Periodontal Reconstructive Treatment. , 2019, , 87-123.		3
86	Accelerated degradation of collagen membranes in type 1 diabetic rats is associated with increased expression and production of several inflammatory molecules. Journal of Periodontology, 2020, 91, 1348-1356.	1.7	3
87	Oral and dental considerations of combat-induced PTSD: a descriptive study. Quintessence International, 2020, 51, 678-685.	0.3	3
88	A Comparative Study of the Stereognathic Ability Between Patients with Myofascial Pain Dysfunction Syndrome and a Control Group. Cranio - Journal of Craniomandibular Practice, 1991, 9, 35-38.	0.6	2
89	Effect of Systemic Tetracycline on the Degradation of Tetracycline-impregnated Bilayered Collagen Membranes: An Animal Study. Clinical Implant Dentistry and Related Research, 2010, 12, 331-337.	1.6	2
90	Endodontic-Periodontal Lesions: Periodontal Aspects. , 2019, , 59-85.		2

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91	Treatment Alternatives Following Extraction of Teeth with Periodontal-Endodontic Lesions. , 2019, , 141-194.		2
92	Dental implant placement is a possible risk factor for the development of multiple cracks in non-endodontically treated teeth. Scientific Reports, 2020, 10, 8527.	1.6	2
93	Sinus floor augmentation through a rotated palatal flap at the time of tooth extraction. International Journal of Periodontics and Restorative Dentistry, 2004, 24, 177-83.	0.4	2
94	Root resorption of a first molar related to an impacted third molar. Oral Surgery, Oral Medicine, and Oral Pathology, 1994, 78, 555-556.	0.6	1
95	Diagnostic issues dealing with the management of teeth with vertical root fractures: a narrative review. Giornale Italiano Di Endodonzia, 2014, 28, 91-96.	0.3	1
96	Evolving New Strategies for Periodontal, Endodontic, and Alveolar Bone Regeneration. , 2017, , 109-137.		1
97	Combination Therapy for Reconstructive Periodontal Treatment in the Lower Anterior Area: Clinical Evaluation of a Case Series. Dentistry Journal, 2018, 6, 50.	0.9	1
98	Soft and Hard Tissue Regenerationâ€”A Special Issue of Dentistry Journal. Dentistry Journal, 2018, 6, 4.	0.9	1
99	Dental Implants Biological Complications: Tooth Preservation Reevaluated. , 2019, , 195-214.		1
100	In Vitro Preliminary Evaluation of Bacterial Attachment on Grooved and Smooth Healing Abutments. Applied Sciences (Switzerland), 2020, 10, 4426.	1.3	1
101	Oral and Dental Considerations of Combat-Induced Post Traumatic Stress Disorder (PTSD)â€”A Cross-Sectional Study. Journal of Clinical Medicine, 2022, 11, 3249.	1.0	1
102	Management of the Infected Socket Following the Extraction of VRF Teeth. , 2015, , 109-120.		0
103	Introduction to Evidence-Based Decision-Making in the Multidisciplinary Management of the Natural Dentition. , 2017, , 1-5.		0
104	Treatment following extraction of teeth with periodontalâ€”endodontic lesions: damaged buccal bony wall. Clinical Dentistry Reviewed, 2019, 3, 1.	0.1	0
105	Treatment following extraction of teeth with periodontalâ€”endodontic lesions: intact buccal bony wall. Clinical Dentistry Reviewed, 2019, 3, 1.	0.1	0
106	Tooth preservation or dental implants. Clinical Dentistry Reviewed, 2019, 3, 1.	0.1	0
107	Periodontal aspects of endodonticâ€”periodontal lesions. Clinical Dentistry Reviewed, 2019, 3, 1.	0.1	0
108	Modern clinical procedures in periodontal reconstructive treatment. Clinical Dentistry Reviewed, 2019, 3, 1.	0.1	0

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109	Influence of Lateral Sinus Floor Elevation Procedures on the Pulpal and Periapical Status of Adjacent Vital Teeth. Applied Sciences (Switzerland), 2020, 10, 7185.	1.3	0
110	Gingival reconstruction with an onlay-interpositional graft following excision of a pyogenic granuloma: description of a surgical approach. Practical Procedures & Aesthetic Dentistry: PPAD, 2003, 15, 173-6.	0.0	0
111	On the Association between Implant-Supported Prosthesis and Glycemic Control (HbA1c Values). International Journal of Environmental Research and Public Health, 2022, 19, 6923.	1.2	0