

Marzena Dominiak

List of Publications by Year in descending order

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Version: 2024-02-01

82
papers

1,365
citations

361413

20
h-index

414414

32
g-index

83
all docs

83
docs citations

83
times ranked

1397
citing authors

#	ARTICLE	IF	CITATIONS
1	Photobiomodulationâ€™ Underlying Mechanism and Clinical Applications. Journal of Clinical Medicine, 2020, 9, 1724.	2.4	240
2	New nano-hydroxyapatite in bone defect regeneration: A histological study in rats. Annals of Anatomy, 2017, 213, 83-90.	1.9	50
3	A simple and established method of tissue culture of human gingival fibroblasts for gingival augmentation.. Folia Histochemica Et Cytobiologica, 2008, 46, 117-9.	1.5	41
4	Effect of Different Laser Wavelengths on Periodontopathogens in Peri-Implantitis: A Review of In Vivo Studies. Microorganisms, 2019, 7, 189.	3.6	38
5	Photobiomodulation by a 635nm Diode Laser on Peri-Implant Bone: Primary and Secondary Stability and Bone Density Analysisâ€™A Randomized Clinical Trial. BioMed Research International, 2019, 2019, 1-8.	1.9	38
6	Low-Level Laser Therapy with a 635 nm Diode Laser Affects Orthodontic Mini-Implants Stability: A Randomized Clinical Split-Mouth Trial. Journal of Clinical Medicine, 2020, 9, 112.	2.4	36
7	Ultrasound assessment of soft tissue augmentation around implants in the aesthetic zone using a connective tissue graft and xenogeneic collagen matrix â€™ 1-year randomised follow-up. Annals of Anatomy, 2018, 217, 129-141.	1.9	35
8	Er:YAG Laser for Metal and Ceramic Bracket Debonding: An <i>In Vitro</i> Study on Intrapulpal Temperature, SEM, and EDS Analysis. Photomedicine and Laser Surgery, 2018, 36, 595-600.	2.0	34
9	Soft tissue augmentation around dental implants with connective tissue graft (CTG) and xenogenic collagen matrix (XCM). 1-year randomized control trail. Annals of Anatomy, 2020, 230, 151484.	1.9	33
10	New Perspectives in the Diagnostic of Gingival Recession. Advances in Clinical and Experimental Medicine, 2014, 23, 857-863.	1.4	31
11	Proanthocyanidins and Flavan-3-Ols in the Prevention and Treatment of Periodontitisâ€™Antibacterial Effects. Nutrients, 2021, 13, 165.	4.1	30
12	Effects of Nd:YAG laser irradiation on the growth of Candida albicans and Streptococcus mutans: in vitro study. Lasers in Medical Science, 2019, 34, 129-137.	2.1	29
13	Effect of diode lasers with wavelength of 445 and 980 nm on a temperature rise when uncovering implants for second stage surgery - an ex-vivo study in pigs.. Advances in Clinical and Experimental Medicine, 2017, 26, 687-693.	1.4	28
14	Er:YAG laser, piezosurgery, and surgical drill for bone decortication during orthodontic mini-implant insertion: primary stability analysisâ€™an animal study. Lasers in Medical Science, 2018, 33, 489-495.	2.1	27
15	Comparison of the clinical and microbiological effects of antibiotic therapy in periodontal pockets following laser treatment: An in vivo study. Advances in Clinical and Experimental Medicine, 2018, 27, 1263-1270.	1.4	24
16	Evaluation of Intensity of Sleep Bruxism in Arterial Hypertension. Journal of Clinical Medicine, 2018, 7, 327.	2.4	23
17	A silver carp skin derived collagen in bone defect treatmentâ€™A histological study in a rat model. Annals of Anatomy, 2016, 208, 123-128.	1.9	22
18	Effect of ozone and diode laser (635 nm) in reducing orthodontic pain in the maxillary archâ€™a randomized clinical controlled trial. Lasers in Medical Science, 2020, 35, 487-496.	2.1	21

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19	Assessment of Pain When Uncovering Implants with Er:YAG Laser or Scalpel for Second Stage Surgery. <i>Advances in Clinical and Experimental Medicine</i> , 2016, 25, 1179-1184.	1.4	21
20	Assessment of the primary stability of root analog zirconia implants designed using cone beam computed tomography software by means of the Periostest® device: An ex vivo study. A preliminary report. <i>Advances in Clinical and Experimental Medicine</i> , 2017, 26, 803-809.	1.4	21
21	An evaluation of superhydrophilic surfaces of dental implants - a systematic review and meta-analysis. <i>BMC Oral Health</i> , 2019, 19, 79.	2.3	20
22	Oral cancer: The first symptoms and reasons for delaying correct diagnosis and appropriate treatment. <i>Advances in Clinical and Experimental Medicine</i> , 2020, 29, 735-743.	1.4	20
23	Zirconium: The material of the future in modern implantology. <i>Advances in Clinical and Experimental Medicine</i> , 2017, 26, 533-537.	1.4	19
24	Assessment of Temperature Rise and Time of Alveolar Ridge Splitting by Means of Er:YAG Laser, Piezosurgery, and Surgical Saw: An Ex Vivo Study. <i>BioMed Research International</i> , 2016, 2016, 1-8.	1.9	18
25	Histological and Thermometric Examination of Soft Tissue De-Epithelialization Using Digitally Controlled Er:YAG Laser Handpiece: An Ex Vivo Study. <i>Photomedicine and Laser Surgery</i> , 2018, 36, 313-319.	2.0	18
26	The Influence of the Crown-Implant Ratio on the Crestal Bone Level and Implant Secondary Stability: 36-Month Clinical Study. <i>BioMed Research International</i> , 2018, 2018, 1-7.	1.9	18
27	Fractal dimension analysis a supplementary mathematical method for bone defect regeneration measurement. <i>Annals of Anatomy</i> , 2018, 219, 83-88.	1.9	18
28	Assessment of Human Gingival Fibroblast Proliferation after Laser Stimulation In Vitro Using Different Laser Types and Wavelengths (1064, 980, 635, 450, and 405 nm) – Preliminary Report. <i>Journal of Personalized Medicine</i> , 2021, 11, 98.	2.5	18
29	Osseointegration of zirconia implants with 3 varying surface textures and a titanium implant: A histological and micro-CT study. <i>Advances in Clinical and Experimental Medicine</i> , 2018, 27, 1173-1179.	1.4	18
30	Evaluation of the three methods of bacterial decontamination on implants with three different surfaces. <i>Advances in Clinical and Experimental Medicine</i> , 2020, 29, 177-182.	1.4	17
31	The clinical efficacy of primary culture of human fibroblasts in gingival augmentation procedures – A preliminary report. <i>Annals of Anatomy</i> , 2012, 194, 502-507.	1.9	16
32	Short Implants and Conventional Implants in The Residual Maxillary Alveolar Ridge: A 36-Month Follow-Up Observation. <i>Medical Science Monitor</i> , 2018, 24, 5645-5652.	1.1	16
33	Great potential of ultrasound elastography for the assessment of the masseter muscle in patients with temporomandibular disorders. A systematic review. <i>Dentomaxillofacial Radiology</i> , 2020, 49, 20200024.	2.7	16
34	Schneiderian Membrane Perforation Rate and Increase in Bone Temperature During Maxillary Sinus Floor Elevation by Means of Er. <i>Implant Dentistry</i> , 2017, 26, 238-244.	1.3	15
35	An Estimation of the Biological Properties of Fish Collagen in an Experimental In Vitro Study. <i>Advances in Clinical and Experimental Medicine</i> , 2015, 24, 385-392.	1.4	15
36	Assessment of an Impact of a Diode Laser Mode with Wavelength of 980 nm on a Temperature Rise Measured by Means of k-O2 Thermocouple: Preliminary Results. <i>Dental and Medical Problems</i> , 2016, 53, 345-351.	2.0	14

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37	Energy and Power Density: A Key Factor in Lasers Studies. Journal of Clinical and Diagnostic Research JCDR, 2015, 9, ZL01-2.	0.8	14
38	A comparative study of the effectiveness of early and delayed loading of short tissue-level dental implants with hydrophilic surfaces placed in the posterior section of the mandible – A preliminary study. Annals of Anatomy, 2017, 212, 61-68.	1.9	12
39	Effect of 808 nm Semiconductor Laser on the Stability of Orthodontic Micro-Implants: A Split-Mouth Study. Materials, 2020, 13, 2265.	2.9	12
40	Use of primary culture of human fibroblasts in gingiva augmentation procedure. Biomedizinische Technik, 2010, 55, 331-334.	0.8	11
41	Temperature Changes and SEM Effects of Three Different Implants-Abutment Connection during Debridement with Er:YAG Laser: An Ex Vivo Study. Materials, 2019, 12, 3748.	2.9	11
42	Removal of Composite Restoration from the Root Surface in the Cervical Region Using Er: YAG Laser and Drill – In Vitro Study. Materials, 2020, 13, 3027.	2.9	11
43	Photobiomodulation with Red and Near-Infrared Light Improves Viability and Modulates Expression of Mesenchymal and Apoptotic-Related Markers in Human Gingival Fibroblasts. Materials, 2021, 14, 3427.	2.9	11
44	The role of vitamin D in the human body with a special emphasis on dental issues: Literature review. Dental and Medical Problems, 2018, 55, 419-424.	2.0	11
45	Short (6 mm) and Regular Dental Implants in the Posterior Maxilla – 7-Years Follow-up Study. Journal of Clinical Medicine, 2021, 10, 940.	2.4	10
46	Role of implant loading time in the prevention of marginal bone loss after implant-supported restorations: A targeted review. Dental and Medical Problems, 2022, 59, 475-481.	2.0	10
47	The use of a biostatic fascia lata thigh allograft as a scaffold for autologous human culture of fibroblasts – An in vitro study. Annals of Anatomy, 2015, 199, 104-108.	1.9	8
48	Could Vitamin D3 Deficiency Influence Malocclusion Development?. Nutrients, 2021, 13, 2122.	4.1	8
49	A Preliminary Clinical Comparison of the Use of Fascia Lata Allograft and Autogenous Connective Tissue Graft in Multiple Gingival Recession Coverage Based on the Tunnel Technique. Advances in Clinical and Experimental Medicine, 2016, 25, 587-598.	1.4	8
50	Application of fractal dimension analysis and photodynamic diagnosis in the case of differentiation between lichen planus and leukoplakia: A preliminary study. Advances in Clinical and Experimental Medicine, 2018, 27, 1729-1736.	1.4	8
51	Fractal Dimension and Texture Analysis in the Assessment of Experimental Laser-Induced Periodic Surface Structures (LIPSS) Dental Implant Surface – In Vitro Study Preliminary Report. Materials, 2022, 15, 2713.	2.9	8
52	A Clinical Trial of Photobiomodulation Effect on Orthodontic Microscrews Stability Using a 635 nm Red Laser Light. Photobiomodulation, Photomedicine, and Laser Surgery, 2020, 38, 607-613.	1.4	7
53	Potential of Using Shear Wave Elastography in the Clinical Evaluation and Monitoring of Changes in Masseter Muscle Stiffness. Pain Research and Management, 2020, 2020, 1-5.	1.8	7
54	The Effect of Er:YAG Laser on a Shear Bond Strength Value of Orthodontic Brackets to Enamel – A Preliminary Study. Materials, 2021, 14, 2093.	2.9	7

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55	Antimicrobial Efficacy of Different Decontamination Methods as Tested on Dental Implants with Various Types of Surfaces. <i>Medical Science Monitor</i> , 2020, 26, e920513.	1.1	7
56	A prospective observational study on perioperative use of antibacterial agents in implant surgery. <i>Advances in Clinical and Experimental Medicine</i> , 2020, 29, 355-363.	1.4	7
57	Mandibular ridge reconstruction: A review of contemporary methods. <i>Advances in Clinical and Experimental Medicine</i> , 2018, 27, 1159-1168.	1.4	7
58	SEM Evaluation of Tooth Surface after a Composite Filling Removal Using Er:YAG Laser, Drills with and without Curettes, and Optional EDTA or NaOCl Conditioning. <i>Materials</i> , 2021, 14, 4469.	2.9	5
59	Could the super-pulsed CO2 laser be used for oral excisional biopsies?. <i>Advances in Clinical and Experimental Medicine</i> , 2019, 28, 1513-1517.	1.4	5
60	The best time for orthodontic treatment for Polish children based on skeletal age analysis in accordance to refund policy of the Polish National Health Fund (NFZ). <i>Advances in Clinical and Experimental Medicine</i> , 2018, 27, 1377-1382.	1.4	5
61	Efficacy of Various Laser Wavelengths in the Surgical Treatment of Ankyloglossia: A Systematic Review. <i>Life</i> , 2022, 12, 558.	2.4	5
62	The Effect of Severity of Obstructive Sleep Apnea on Sleep Bruxism in Respiratory Polygraphy Study. <i>Brain Sciences</i> , 2022, 12, 828.	2.3	5
63	Analysis of alveolar ridge width in an area of central lower incisor using cone-beam computed tomography in vivo. <i>Annals of Anatomy</i> , 2021, 236, 151699.	1.9	4
64	Identification of Small Peptides of Acidic Collagen Extracts from Silver Carp Skin and Their Therapeutic Relevance. <i>Advances in Clinical and Experimental Medicine</i> , 2016, 25, 227-235.	1.4	4
65	Prospective evaluation of vitamin D levels in dental treated patients: A screening study. <i>Dental and Medical Problems</i> , 2021, 58, 321-326.	2.0	4
66	Botox Therapy for Hypertrophy of the Masseter Muscle Causes a Compensatory Increase of Stiffness of Other Muscles of Masticatory Apparatus. <i>Life</i> , 2022, 12, 840.	2.4	4
67	Schemes for Drug-Induced Treatment of Osteonecrosis of Jaws with Particular Emphasis on the Influence of Vitamin D on Therapeutic Effects. <i>Pharmaceutics</i> , 2021, 13, 354.	4.5	3
68	NiebarwnikujÄ...cy czerniak jamy ustnej-opis przypadku. <i>American Journal of Case Reports</i> , 0, 12, 159-162.	0.8	3
69	Er:YAG and diode laser application in implant bed preparation and implant uncovering: A case report. <i>Dental and Medical Problems</i> , 2019, 56, 111-116.	2.0	3
70	Impact of APRF+ in Combination with Autogenous Fibroblasts on Release Growth Factors, Collagen, and Proliferation and Migration of Gingival Fibroblasts: An In Vitro Study. <i>Materials</i> , 2022, 15, 796.	2.9	3
71	Immediate occluding definitive partial fixed prosthesis versus non-occluding provisional restorations - 4-month post-loading results from a pragmatic multicenter randomised controlled trial. <i>European Journal of Oral Implantology</i> , 2016, 9, 47-56.	1.2	3
72	Coronally Advanced Flap in the Treatment of Multiple Adjacent Gingival Recessions along with a Connective Tissue Graft Harvested from Augmented or Nonaugmented Palatal Mucous Membrane: A Two-Year Comparative Clinical Evaluation. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1081.	2.5	2

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73	Early Loading of Titanium Dental Implants with Hydroxyl Ion Modified Surface: A 12-Month Prospective Clinical Trial. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2958.	2.5	2
74	Aesthetic Outcomes of Early Occlusal Loaded SLA Dental Implants with Hydroxyl Ion Modified Surface – A 12 Months Prospective Study. <i>Materials</i> , 2021, 14, 6353.	2.9	2
75	Negative synergy of mental disorders and oral diseases versus general health. <i>Dental and Medical Problems</i> , 2019, 56, 197-201.	2.0	2
76	The effect of dental gel formulation on human primary fibroblasts – an in vitro study. <i>Folia Histochemica Et Cytobiologica</i> , 2020, 58, 156-161.	1.5	2
77	Possible Treatment of Severe Bone Dehiscences Based on 3D Bone Reconstruction – A Description of Treatment Methodology. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 10299.	2.5	2
78	Correlation between temporomandibular dysfunction, disturbances of occlusion and gingival recession in a group of youth students. <i>Bulletin Du Groupement International Pour La Recherche Scientifique En Stomatologie & Odontologie</i> , 2006, 47, 40-6.	0.1	2
79	The Protective Effect of Xanthohumol on the Content of Selected Elements in the Bone Tissue for Exposed Japanese Quails to TCDD. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5883.	2.6	1
80	Psychometric validation of Corah’s Dental Anxiety Scale in the Polish population. <i>Advances in Clinical and Experimental Medicine</i> , 2020, 29, 45-49.	1.4	1
81	The Effect of Silver Carp Skin-Derived Peptides on the Activities of VEGF and Hsp70.1 Gene Transcription Promoters. <i>Advances in Clinical and Experimental Medicine</i> , 2016, 25, 415-423.	1.4	0
82	Histological examinations of the in vivo biocompatibility of oxycellulose implanted into rat skeletal muscle. <i>Advances in Clinical and Experimental Medicine</i> , 2018, 28, 593-599.	1.4	0