

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
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83
all docs

83
docs citations

83
times ranked

1397
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Fractal Dimension and Texture Analysis in the Assessment of Experimental Laser-Induced Periodic Surface Structures (LIPSS) Dental Implant Surface—In Vitro Study Preliminary Report. <i>Materials</i> , 2022, 15, 2713.	2.9	8
3	Efficacy of Various Laser Wavelengths in the Surgical Treatment of Ankyloglossia: A Systematic Review. <i>Life</i> , 2022, 12, 558.	2.4	5
4	Role of implant loading time in the prevention of marginal bone loss after implant-supported restorations: A targeted review. <i>Dental and Medical Problems</i> , 2022, 59, 475-481.	2.0	10
5	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
6	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
7	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
8	Proanthocyanidins and Flavan-3-Ols in the Prevention and Treatment of Periodontitis—Antibacterial Effects. <i>Nutrients</i> , 2021, 13, 165.	4.1	30
9	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
10	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
11	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
12	Short (6 mm) and Regular Dental Implants in the Posterior Maxilla—7-Years Follow-up Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 940.	2.4	10
13	The Effect of Er:YAG Laser on a Shear Bond Strength Value of Orthodontic Brackets to Enamel—A Preliminary Study. <i>Materials</i> , 2021, 14, 2093.	2.9	7
14	Photobiomodulation with Red and Near-Infrared Light Improves Viability and Modulates Expression of Mesenchymal and Apoptotic-Related Markers in Human Gingival Fibroblasts. <i>Materials</i> , 2021, 14, 3427.	2.9	11
15	Could Vitamin D3 Deficiency Influence Malocclusion Development?. <i>Nutrients</i> , 2021, 13, 2122.	4.1	8
16	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
17	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
18	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

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19	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
20	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
21	Effect of ozone and diode laser (635 nm) in reducing orthodontic pain in the maxillary arch – a randomized clinical controlled trial. <i>Lasers in Medical Science</i> , 2020, 35, 487-496.	2.1	21
22	A Clinical Trial of Photobiomodulation Effect on Orthodontic Microscrews Stability Using a 635 nm Red Laser Light. <i>Photobiomodulation, Photomedicine, and Laser Surgery</i> , 2020, 38, 607-613.	1.4	7
23	Potential of Using Shear Wave Elastography in the Clinical Evaluation and Monitoring of Changes in Masseter Muscle Stiffness. <i>Pain Research and Management</i> , 2020, 2020, 1-5.	1.8	7
24	Removal of Composite Restoration from the Root Surface in the Cervical Region Using Er: YAG Laser and Drill – In Vitro Study. <i>Materials</i> , 2020, 13, 3027.	2.9	11
25	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
26	Effect of 808 nm Semiconductor Laser on the Stability of Orthodontic Micro-Implants: A Split-Mouth Study. <i>Materials</i> , 2020, 13, 2265.	2.9	12
27	Photobiomodulation – Underlying Mechanism and Clinical Applications. <i>Journal of Clinical Medicine</i> , 2020, 9, 1724.	2.4	240
28	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
29	Soft tissue augmentation around dental implants with connective tissue graft (CTG) and xenogenic collagen matrix (XCM). 1-year randomized control trail. <i>Annals of Anatomy</i> , 2020, 230, 151484.	1.9	33
30	Low-Level Laser Therapy with a 635 nm Diode Laser Affects Orthodontic Mini-Implants Stability: A Randomized Clinical Split-Mouth Trial. <i>Journal of Clinical Medicine</i> , 2020, 9, 112.	2.4	36
31	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
32	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
33	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
34	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
35	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
36	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

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37	Effects of Nd:YAG laser irradiation on the growth of <i>Candida albicans</i> and <i>Streptococcus mutans</i> : in vitro study. <i>Lasers in Medical Science</i> , 2019, 34, 129-137.	2.1	29
38	Effect of Different Laser Wavelengths on Periodontopathogens in Peri-Implantitis: A Review of In Vivo Studies. <i>Microorganisms</i> , 2019, 7, 189.	3.6	38
39	Photobiomodulation by a 635nm Diode Laser on Peri-Implant Bone: Primary and Secondary Stability and Bone Density Analysis—A Randomized Clinical Trial. <i>BioMed Research International</i> , 2019, 2019, 1-8.	1.9	38
40	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
41	Temperature Changes and SEM Effects of Three Different Implants-Abutment Connection during Debridement with Er:YAG Laser: An Ex Vivo Study. <i>Materials</i> , 2019, 12, 3748.	2.9	11
42	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
43	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
44	Negative synergy of mental disorders and oral diseases versus general health. <i>Dental and Medical Problems</i> , 2019, 56, 197-201.	2.0	2
45	Ultrasound assessment of soft tissue augmentation around implants in the aesthetic zone using a connective tissue graft and xenogeneic collagen matrix – 1-year randomised follow-up. <i>Annals of Anatomy</i> , 2018, 217, 129-141.	1.9	35
46	Histological and Thermometric Examination of Soft Tissue De-Epithelialization Using Digitally Controlled Er:YAG Laser Handpiece: An <i>Ex Vivo</i> Study. <i>Photomedicine and Laser Surgery</i> , 2018, 36, 313-319.	2.0	18
47	Er:YAG laser, piezosurgery, and surgical drill for bone decortication during orthodontic mini-implant insertion: primary stability analysis—an animal study. <i>Lasers in Medical Science</i> , 2018, 33, 489-495.	2.1	27
48	Evaluation of Intensity of Sleep Bruxism in Arterial Hypertension. <i>Journal of Clinical Medicine</i> , 2018, 7, 327.	2.4	23
49	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
50	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
51	Fractal dimension analysis a supplementary mathematical method for bone defect regeneration measurement. <i>Annals of Anatomy</i> , 2018, 219, 83-88.	1.9	18
52	Er:YAG Laser for Metal and Ceramic Bracket Debonding: An <i>In Vitro</i> Study on Intrapulpal Temperature, SEM, and EDS Analysis. <i>Photomedicine and Laser Surgery</i> , 2018, 36, 595-600.	2.0	34
53	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
54	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

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55	Comparison of the clinical and microbiological effects of antibiotic therapy in periodontal pockets following laser treatment: An in vivo study. <i>Advances in Clinical and Experimental Medicine</i> , 2018, 27, 1263-1270.	1.4	24
56	Mandibular ridge reconstruction: A review of contemporary methods. <i>Advances in Clinical and Experimental Medicine</i> , 2018, 27, 1159-1168.	1.4	7
57	Application of fractal dimension analysis and photodynamic diagnosis in the case of differentiation between lichen planus and leukoplakia: A preliminary study. <i>Advances in Clinical and Experimental Medicine</i> , 2018, 27, 1729-1736.	1.4	8
58	The role of vitamin D in the human body with a special emphasis on dental issues: Literature review. <i>Dental and Medical Problems</i> , 2018, 55, 419-424.	2.0	11
59	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
60	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. <i>Annals of Anatomy</i> , 2017, 212, 61-68.	1.9	12
61	Schneiderian Membrane Perforation Rate and Increase in Bone Temperature During Maxillary Sinus Floor Elevation by Means of Er. Implant Dentistry, 2017, 26, 238-244.	1.3	15
62	New nano-hydroxyapatite in bone defect regeneration: A histological study in rats. <i>Annals of Anatomy</i> , 2017, 213, 83-90.	1.9	50
63	Zirconium: The material of the future in modern implantology. <i>Advances in Clinical and Experimental Medicine</i> , 2017, 26, 533-537.	1.4	19
64	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
65	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.. <i>Advances in Clinical and Experimental Medicine</i> , 2017, 26, 687-693.	1.4	28
66	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
67	A silver carp skin derived collagen in bone defect treatment – A histological study in a rat model. <i>Annals of Anatomy</i> , 2016, 208, 123-128.	1.9	22
68	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
69	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. <i>Advances in Clinical and Experimental Medicine</i> , 2016, 25, 587-598.	1.4	8
70	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
71	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
72	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

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73	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
74	The use of a biostatic fascia lata thigh allograft as a scaffold for autologous human culture of fibroblasts – An in vitro study. <i>Annals of Anatomy</i> , 2015, 199, 104-108.	1.9	8
75	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
76	Energy and Power Density: A Key Factor in Lasers Studies. <i>Journal of Clinical and Diagnostic Research JCDR</i> , 2015, 9, ZL01-2.	0.8	14
77	New Perspectives in the Diagnostic of Gingival Recession. <i>Advances in Clinical and Experimental Medicine</i> , 2014, 23, 857-863.	1.4	31
78	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
79	Use of primary culture of human fibroblasts in gingiva augmentation procedure. <i>Biomedizinische Technik</i> , 2010, 55, 331-334.	0.8	11
80	A simple and established method of tissue culture of human gingival fibroblasts for gingival augmentation.. <i>Folia Histochemica Et Cytobiologica</i> , 2008, 46, 117-9.	1.5	41
81	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
82	NiebarwnikujÄ...cy czerniak jamy ustnej-opis przypadku. <i>American Journal of Case Reports</i> , 0, 12, 159-162.	0.8	3