

Maciej Dobrzyński

List of Publications by Year in descending order

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Version: 2024-02-01

84
papers

1,555
citations

706676

14
h-index

388640

36
g-index

89
all docs

89
docs citations

89
times ranked

1940
citing authors

#	ARTICLE	IF	CITATIONS
1	The Use of Modern Technologies by Dentists in Poland: Questionnaire among Polish Dentists. <i>Healthcare (Switzerland)</i> , 2022, 10, 225.	1.0	0
2	Assessment of Selected Morphological, Physical and Chemical Parameters of the Teeth of the Offspring of Female Rats Exposed to 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD), Taking into Account the Protective Role of Selected Antioxidants—Preliminary Study. <i>Animals</i> , 2022, 12, 484.	1.0	0
3	Concentration of Selected Metalloproteinases and Osteocalcin in the Serum and Synovial Fluid of Obese Women with Advanced Knee Osteoarthritis. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 3530.	1.2	13
4	Microbiological Evaluation of Water Used in Dental Units. <i>Water (Switzerland)</i> , 2022, 14, 915.	1.2	0
5	Review on Preformed Crowns in Pediatric Dentistry—The Composition and Application. <i>Materials</i> , 2022, 15, 2081.	1.3	4
6	Detection of Lymphatic Vessels in Dental Pulp. <i>Biology</i> , 2022, 11, 635.	1.3	1
7	What Features on Routine Panoramic Radiographs Could Help Orthodontists to Estimate the Occurrence of Condylar Hyperplasia from Other Mandibular Asymmetries—Retrospective Analysis Study. <i>Symmetry</i> , 2022, 14, 1287.	1.1	3
8	Usage of Guided Bone Regeneration in the Case of Lateral Periodontal Cyst in the Maxilla with Buccal Cortical Expansion. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 7200.	1.3	0
9	Nanomaterials Application in Orthodontics. <i>Nanomaterials</i> , 2021, 11, 337.	1.9	21
10	Application of Selected Nanomaterials and Ozone in Modern Clinical Dentistry. <i>Nanomaterials</i> , 2021, 11, 259.	1.9	24
11	Toxic Metals Content in Impacted Third Molars and Adjacent Bone Tissue in Different Groups of Patients. <i>Materials</i> , 2021, 14, 793.	1.3	4
12	Addendum: Œywicka, B., et al. Comparison of a 1940 nm Thulium-Doped Fiber Laser and a 1470 nm Diode Laser for Cutting Efficacy and Hemostasis in a Pig Model of Spleen Surgery. <i>Materials</i> 2020, 13, 1167. <i>Materials</i> , 2021, 14, 966.	1.3	0
13	Study of Flebogrif—A New Tool for Mechanical Sclerotherapy—Effectiveness Assessment Based on Animal Model. <i>Nanomaterials</i> , 2021, 11, 544.	1.9	1
14	The Influence of Various Preparation Parameters on the Histological Image of Bone Tissue during Implant Bed Preparation—An In Vitro Study. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1916.	1.3	3
15	Level of Adiponectin, Leptin and Selected Matrix Metalloproteinases in Female Overweight Patients with Primary Gonarthrosis. <i>Journal of Clinical Medicine</i> , 2021, 10, 1263.	1.0	8
16	Review on Polymer, Ceramic and Composite Materials for CAD/CAM Indirect Restorations in Dentistry—Application, Mechanical Characteristics and Comparison. <i>Materials</i> , 2021, 14, 1592.	1.3	66
17	Dental Implant Site Drilling and Induced Morphological Changes Correlated with Temperature in Pig™s Rib Used as the Human Jaw Model. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2493.	1.3	0
18	Usefulness of Thulium-Doped Fiber Laser and Diode Laser in Zero Ischemia Kidney Surgery—Comparative Study in Pig Model. <i>Materials</i> , 2021, 14, 2000.	1.3	3

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19	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.	1.3	7
20	Preliminary In Vitro Study of Fluoride Release from Selected Ormocer Materials. <i>Materials</i> , 2021, 14, 2244.	1.3	5
21	Nanohydroxyapatite as a Biomaterial for Peripheral Nerve Regeneration after Mechanical Damage—In Vitro Study. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4454.	1.8	9
22	The Influence of a Knitted Hydrophilic Prosthesis of Blood Vessels on the Activation of Coagulation System—In Vitro Study. <i>Nanomaterials</i> , 2021, 11, 1600.	1.9	1
23	The Anatomy, Features and Sex Correlations (Dimorphism) of Tubero—Palato—Pterygoid Region among Adult Population—Single Center Study Based on 3D Printed Models. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5450.	1.3	0
24	Regenerative Endodontics as the Future Treatment of Immature Permanent Teeth. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 6211.	1.3	4
25	In Vitro Assessment of Long-Term Fluoride Ion Release from Nanofluorapatite. <i>Materials</i> , 2021, 14, 3747.	1.3	10
26	Assessment of Microstructure and Release of Fluoride Ions from Selected Fissure Sealants: An In Vitro Study. <i>Materials</i> , 2021, 14, 4936.	1.3	3
27	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.	1.3	5
28	Local Effects of a 1940 nm Thulium-Doped Fiber Laser and a 1470 nm Diode Laser on the Pulmonary Parenchyma: An Experimental Study in a Pig Model. <i>Materials</i> , 2021, 14, 5457.	1.3	4
29	Nanomaterials Application in Endodontics. <i>Materials</i> , 2021, 14, 5296.	1.3	14
30	Three-Dimensional Determination of the Fusion Zone between the Distal Maxilla and the Pterygoid Plate of the Sphenoid Bone and Considerations for Implant Treatment Procedure. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 30.	1.3	1
31	In Vitro Fracture Resistance of Endodontically Treated Premolar Teeth Restored with Prefabricated and Custom-Made Fibre-Reinforced Composite Posts. <i>Materials</i> , 2021, 14, 6214.	1.3	1
32	In Vitro Studies concerning Selected Properties of a Composite Material Blended with Nanofluoroapatite Crystals. <i>Materials</i> , 2021, 14, 7295.	1.3	2
33	Fibroblasts Adhesion to Laser-Modified Titanium Surfaces—A Systematic Review. <i>Materials</i> , 2021, 14, 7305.	1.3	6
34	The Improvement of the Adaptation Process of Tocopherol and Acetylsalicylic Acid in Offspring of Mothers Exposed to TCDD. <i>Animals</i> , 2021, 11, 3430.	1.0	1
35	A Study of the Impact of Graphene Oxide on Viral Infection Related to A549 and TC28a2 Human Cell Lines. <i>Materials</i> , 2021, 14, 7788.	1.3	6
36	Application of Selected Biomaterials and Stem Cells in the Regeneration of Hard Dental Tissue in Paediatric Dentistry—Based on the Current Literature. <i>Nanomaterials</i> , 2021, 11, 3374.	1.9	2

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37	Review on the Lymphatic Vessels in the Dental Pulp. <i>Biology</i> , 2021, 10, 1257.	1.3	5
38	The assessment of temperature amplitude arising during the implant bed formation in relation to variable preparation parameters - in vitro study.. <i>Acta of Bioengineering and Biomechanics</i> , 2021, 23, 163-173.	0.2	0
39	Xanthohumol Effect on 2,3,7,8-Tetrachlorodibenzo- <i>p</i> -dioxin-Treated Japanese Quails in Terms of Serum Lipids, Liver Enzymes, Estradiol, and Thyroid Hormones. <i>ACS Omega</i> , 2020, 5, 24445-24452.	1.6	2
40	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.	1.3	11
41	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.	1.2	1
42	The Influence of Ozonated Olive Oil-Loaded and Copper-Doped Nanohydroxyapatites on Planktonic Forms of Microorganisms. <i>Nanomaterials</i> , 2020, 10, 1997.	1.9	10
43	Comparison of A 1940 nm Thulium-Doped Fiber Laser and A 1470 nm Diode Laser for Cutting Efficacy and Hemostasis in A Pig Model of Spleen Surgery. <i>Materials</i> , 2020, 13, 1167.	1.3	14
44	Comparative Analysis of Bone Tissue Temperature during Implant Preparation with Variable Drilling Parameters: In Vitro Study. <i>BioMed Research International</i> , 2020, 2020, 1-9.	0.9	4
45	Selected Nanomaterials™ Application Enhanced with the Use of Stem Cells in Acceleration of Alveolar Bone Regeneration during Augmentation Process. <i>Nanomaterials</i> , 2020, 10, 1216.	1.9	30
46	Effect of Radial Extracorporeal Shock Wave Therapy on Pain Intensity, Functional Efficiency, and Postural Control Parameters in Patients with Chronic Low Back Pain: A Randomized Clinical Trial. <i>Journal of Clinical Medicine</i> , 2020, 9, 568.	1.0	16
47	A Clinical Comparison of Failure Rates of Metallic and Ceramic Brackets: A Twelve-Month Study. <i>BioMed Research International</i> , 2020, 2020, 1-7.	0.9	12
48	In vitro SEM analysis of desensitizing agents and experimental hydroxyapatite-based composition effectiveness in occluding dentin tubules. <i>Advances in Clinical and Experimental Medicine</i> , 2020, 29, 1283-1297.	0.6	7
49	DISORDERS OF THE INTESTINAL FLORA AND IT IS EFFECT ON SKELETAL SYSTEM DISEASES. <i>Wiadomości Lekarskie</i> , 2020, 73, 1835-1839.	0.1	0
50	The three-point bending test of fiber-reinforced composite root canal posts. <i>Advances in Clinical and Experimental Medicine</i> , 2020, 29, 1111-1116.	0.6	6
51	DISORDERS OF THE INTESTINAL FLORA AND IT IS EFFECT ON SKELETAL SYSTEM DISEASES. <i>Wiadomości Lekarskie</i> , 2020, 73, 1835-1839.	0.1	0
52	Assessment of cytotoxic and antimicrobial activity of selected gingival haemostatic agents - in vitro study. <i>Acta of Bioengineering and Biomechanics</i> , 2020, 22, 185-198.	0.2	1
53	The heat risk during hardening of dental glass-ionomer cements using a light-curing. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 135, 3123-3128.	2.0	2
54	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.	1.0	29

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55	Study of Surface Structure Changes for Selected Ceramics Used in the CAD/CAM System on the Degree of Microbial Colonization, In Vitro Tests. <i>BioMed Research International</i> , 2019, 2019, 1-13.	0.9	10
56	Indirect study of the effect of α -tocopherol and acetylsalicylic acid on the mineral composition of bone tissue in the offspring of female rats treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin: long-term observations. <i>RSC Advances</i> , 2019, 9, 8016-8024.	1.7	4
57	Stem cells: past, present, and future. <i>Stem Cell Research and Therapy</i> , 2019, 10, 68.	2.4	878
58	The Protective Effect of α -Tocopherol on the Content of Selected Elements in the Calvaria for Exposed Hens to TCDD in the Early Embryonic Period. <i>Biological Trace Element Research</i> , 2019, 190, 517-525.	1.9	6
59	Co-expression of the aryl hydrocarbon receptor (AhR) and estrogen receptor (ER) in the developing teeth of rat offspring after rat mothers' exposure to 2,3,7,8-tetrachlorodib. <i>Advances in Clinical and Experimental Medicine</i> , 2019, 28, 973-980.	0.6	6
60	The influence of high doses of α -tocopherol on the content of selected trace elements in the liver of developing chicken embryos in experimentally induced 2,3,7,8-tetrachlorodibenzo-p-dioxin intoxication. <i>Acta Biochimica Polonica</i> , 2019, 66, 223-228.	0.3	2
61	Thermographic evaluation of experimental pleurisy induced by carrageenan and modified by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD). <i>Acta of Bioengineering and Biomechanics</i> , 2019, 21, 23-29.	0.2	2
62	Preliminary Evaluation of Thulium Doped Fiber Laser in Pig Model of Liver Surgery. <i>BioMed Research International</i> , 2018, 2018, 1-7.	0.9	12
63	Craniofacial and Dental Manifestations of Melnicki's "Needles Syndrome: Literature Review and Orthodontic Management. <i>Case Reports in Pediatrics</i> , 2018, 2018, 1-5.	0.2	1
64	Modulating effect of selected pharmaceuticals on bone in female rats exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD). <i>RSC Advances</i> , 2018, 8, 27537-27545.	1.7	6
65	Influence of surface modifications of a nanostructured implant on osseointegration capacity – preliminary <i>in vivo</i> study. <i>RSC Advances</i> , 2018, 8, 15533-15546.	1.7	10
66	Bite Reconstruction in the Aesthetic Zone Using One-Piece Bicortical Screw Implants. <i>Case Reports in Dentistry</i> , 2018, 2018, 1-4.	0.2	7
67	Epidemiological assessment of maxillofacial fractures in the inhabitants of Lower Silesia, Poland in 2002–2006 – Pattern of maxillofacial fracture. <i>Polish Annals of Medicine</i> , 2017, 24, 158-165.	0.3	0
68	Protective effects of levamisole, acetylsalicylic acid, and α -tocopherol against dioxin toxicity measured as the expression of AhR and COX-2 in a chicken embryo model. <i>Histochemistry and Cell Biology</i> , 2017, 147, 523-536.	0.8	14
69	Long-term release of fluoride from fissure sealants – In vitro study. <i>Journal of Trace Elements in Medicine and Biology</i> , 2017, 41, 107-110.	1.5	12
70	Cytotoxicity Evaluation of High-Temperature Annealed Nanohydroxyapatite in Contact with Fibroblast Cells. <i>Materials</i> , 2017, 10, 590.	1.3	24
71	Effect of Glucocorticoids on Ultrastructure of Myocardial Muscle in the Course of Experimentally Induced Acute Myocardial Ischemia. <i>BioMed Research International</i> , 2017, 2017, 1-5.	0.9	5
72	The evaluation of resorbable haemostatic wound dressings in contact with blood in vitro. <i>Acta of Bioengineering and Biomechanics</i> , 2017, 19, 151-165.	0.2	4

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73	Assessment of Heat Hazard during the Polymerization of Selected Light-Sensitive Dental Materials. BioMed Research International, 2016, 2016, 1-7.	0.9	1
74	Infrared Thermographic Assessment of Cooling Effectiveness in Selected Dental Implant Systems. BioMed Research International, 2016, 2016, 1-8.	0.9	9
75	The Effect of File Size and Type and Irrigation Solutions on the Accuracy of Electronic Apex Locators: An <i>In Vitro</i> Study on Canine Teeth. BioMed Research International, 2016, 2016, 1-7.	0.9	6
76	Evaluation of the protective effect of different doses of alpha-tocopherol on calcium and magnesium content in bone tissue of rats treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin Ocena protekcyjnego wpływu różnych dawek alfa-tokoferolu na poziom wapnia i magnezu w tkance kostnej szczurów poddanych działaniu 2,3,7,8-tetrachlorodibenzo-p-dioksyny. Przemysł Chemiczny, 2016, 1, 155-158.	0.0	1
77	The Use of Infrared Thermography as a Rapid, Quantitative, and Noninvasive Method for Evaluation of Inflammation Response in Different Anatomical Regions of Rats. BioMed Research International, 2015, 2015, 1-9.	0.9	24
78	Effect of tocopherol on biochemical blood parameters in pleuritis-induced rats treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin. Toxicology and Industrial Health, 2015, 31, 510-522.	0.6	15
79	The release of metal ions from orthodontic appliances Animal tests. Angle Orthodontist, 2014, 84, 673-679.	1.1	27
80	Interception of developing class III malocclusion with temporary anchorage devices: A case report. Polish Annals of Medicine, 2014, 21, 131-135.	0.3	0
81	Influence of dioxin intoxication on the human system and possibilities of limiting its negative effects on the environment and living organisms. Annals of Agricultural and Environmental Medicine, 2014, 21, 518-524.	0.5	17
82	Selected palatal suture expansion techniques in the treatment of transverse maxillary narrowings – Literature review. Polish Annals of Medicine, 2013, 20, 160-163.	0.3	5
83	The Influence of 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) on Hematological Parameters During Experimentally Induced Pleuritis in Rats. Inflammation, 2013, 36, 387-404.	1.7	14
84	Mechlorethamine (NTG) effects on the erythrocytic and leukocytic blood parameters during experimentally induced pleuritis in rats. Pharmacological Reports, 2012, 64, 650-672.	1.5	4