

Zbigniew Rybak

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

1,426
citations

686830

13
h-index

344852

36
g-index

58
all docs

58
docs citations

58
times ranked

1884
citing authors

#	ARTICLE	IF	CITATIONS
1	Stem cells: past, present, and future. <i>Stem Cell Research and Therapy</i> , 2019, 10, 68.	2.4	878
2	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
3	Influence of Cu–Ti thin film surface properties on antimicrobial activity and viability of living cells. <i>Materials Science and Engineering C</i> , 2015, 56, 48-56.	3.8	52
4	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
5	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
6	Cytotoxicity Evaluation of High-Temperature Annealed Nanohydroxyapatite in Contact with Fibroblast Cells. <i>Materials</i> , 2017, 10, 590.	1.3	24
7	Application of Selected Nanomaterials and Ozone in Modern Clinical Dentistry. <i>Nanomaterials</i> , 2021, 11, 259.	1.9	24
8	Increase in cyclooxygenase-2 (COX-2) expression in keratinocytes and dermal fibroblasts in photoaged skin. <i>Journal of Cosmetic Dermatology</i> , 2014, 13, 195-201.	0.8	23
9	Nanomaterials Application in Orthodontics. <i>Nanomaterials</i> , 2021, 11, 337.	1.9	21
10	Biological Properties of Low-Toxicity PLGA and PLGA/PHB Fibrous Nanocomposite Implants for Osseous Tissue Regeneration. Part I: Evaluation of Potential Biototoxicity. <i>Molecules</i> , 2017, 22, 2092.	1.7	20
11	Baseline factors affecting closure of venous leg ulcers. <i>Journal of Vascular Surgery: Venous and Lymphatic Disorders</i> , 2017, 5, 829-835.e1.	0.9	18
12	Influence of Porous Dressings Based on Butyric-Acetic Chitin Co-Polymer on Biological Processes In Vitro and In Vivo. <i>Materials</i> , 2019, 12, 970.	1.3	14
13	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
14	Nanomaterials Application in Endodontics. <i>Materials</i> , 2021, 14, 5296.	1.3	14
15	A comparison of an antibacterial sandwich dressing vs dressing containing silver. <i>Wound Repair and Regeneration</i> , 2015, 23, 525-530.	1.5	13
16	Evaluation of healing processes of intraosseous defects with and without guided bone regeneration and platelet rich plasma. An animal study. <i>Annals of Anatomy</i> , 2012, 194, 549-555.	1.0	12
17	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
18	Use of primary culture of human fibroblasts in gingiva augmentation procedure. <i>Biomedizinische Technik</i> , 2010, 55, 331-334.	0.9	11

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19	Removal of Composite Restoration from the Root Surface in the Cervical Region Using Er: YAG Laser and Drillâ€™In Vitro Study. <i>Materials</i> , 2020, 13, 3027.	1.3	11
20	Biological Properties of Low-Toxic PLGA and PLGA/PHB Fibrous Nanocomposite Scaffolds for Osseous Tissue Regeneration. Evaluation of Potential Bioactivity. <i>Molecules</i> , 2017, 22, 1852.	1.7	10
21	Influence of surface modifications of a nanostructured implant on osseointegration capacity â€™ preliminary <i>in vivo</i> study. <i>RSC Advances</i> , 2018, 8, 15533-15546.	1.7	10
22	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
23	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

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37	The heat risk during hardening of dental glass-ionomer cements using a light-curing. Journal of Thermal Analysis and Calorimetry, 2019, 135, 3123-3128.	2.0	2
38	Histological Evaluation of the Local Soft Tissue Reaction After Implanting Resorbable and Non-resorbable Monofilament Fibers. Polimery W Medycynie, 2017, 46, 135-143.	0.6	2
39	Biological Dressings Based on Natural Polymers. Fibres and Textiles in Eastern Europe, 2016, 24, 170-174.	0.2	2
40	Haemocompatibility and cytotoxic studies of non-metallic composite materials modified with magnetic nano and microparticles. Acta of Bioengineering and Biomechanics, 2015, 17, 49-58.	0.2	2
41	On influence of anodic oxidation on thrombogenicity and bioactivity of the Ti-13Nb-13Zr alloy. Acta of Bioengineering and Biomechanics, 2017, 19, 41-50.	0.2	2
42	Study of Flebogrif® "A New Tool for Mechanical Sclerotherapy" Effectiveness Assessment Based on Animal Model. Nanomaterials, 2021, 11, 544.	1.9	1
43	The Influence of a Knitted Hydrophilic Prosthesis of Blood Vessels on the Activation of Coagulation System "In Vitro Study. Nanomaterials, 2021, 11, 1600.	1.9	1
44	Assessment of cytotoxic and antimicrobial activity of selected gingival haemostatic agents " in vitro study. Acta of Bioengineering and Biomechanics, 2020, 22, .	0.2	1
45	NEW CHITOSAN WOUND DRESSING " FIRST STEP - THE CYTOTOXICITY EVALUATION. Progress on Chemistry and Application of Chitin and Its Derivatives, 2015, XX, 97-109.	0.1	1
46	Assessment of cytotoxic and antimicrobial activity of selected gingival haemostatic agents - in vitro study. Acta of Bioengineering and Biomechanics, 2020, 22, 185-198.	0.2	1
47	Design of New Concept of Knitted Hernia Implant. Materials, 2022, 15, 2671.	1.3	1
48	Detection of Lymphatic Vessels in Dental Pulp. Biology, 2022, 11, 635.	1.3	1
49	A new option for endovascular treatment of leg ulcers caused by venous insufficiency with fluoroscopically guided sclerotherapy. Wideochirurgia I Inne Techniki Maloinwazyjne, 2015, 3, 423-429.	0.3	0
50	SMILE technique for pilonidal sinus destruction with a radial laser probe " a video vignette. Colorectal Disease, 2021, 23, 1023-1024.	0.7	0
51	Addendum: Åywicka, 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. Materials 2020, 13, 1167. Materials, 2021, 14, 966.	1.3	0
52	HAEMOSTATIC, RESORBABLE DRESSING OF NATURAL POLYMERS - HEMOGUARD. Progress on Chemistry and Application of Chitin and Its Derivatives, 2015, XX, 130-141.	0.1	0
53	Venous insufficiency: Differences in the content of trace elements. A preliminary report. Advances in Clinical and Experimental Medicine, 2018, 27, 695-701.	0.6	0
54	The Use of Modern Technologies by Dentists in Poland: Questionnaire among Polish Dentists. Healthcare (Switzerland), 2022, 10, 225.	1.0	0

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55	Microbiological Evaluation of Water Used in Dental Units. <i>Water (Switzerland)</i> , 2022, 14, 915.	1.2	0