Zbigniew Rybak

List of Publications by Year
in descending order

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	The Use of Modern Technologies by Dentists in Poland: Questionnaire among Polish Dentists. Healthcare (Switzerland), 2022, 10, 225.	1.0	0
2	Microbiological Evaluation of Water Used in Dental Units. Water (Switzerland), 2022, 14, 915.	1.2	0
3	Design of New Concept of Knitted Hernia Implant. Materials, 2022, 15, 2671.	1.3	1
4	Detection of Lymphatic Vessels in Dental Pulp. Biology, 2022, 11, 635.	1.3	1
5	Nanomaterials Application in Orthodontics. Nanomaterials, 2021, 11, 337.	1.9	21
6	Application of Selected Nanomaterials and Ozone in Modern Clinical Dentistry. Nanomaterials, 2021, 11, 259.	1.9	24
7	SMILE technique for pilonidal sinus destruction with a radial laser probeâ€"a video vignette. Colorectal Disease, 2021, 23, 1023-1024.	0.7	0
8	Addendum: Å»ywicka, 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
9	Study of FlebografiÂ®â€"A New Tool for Mechanical Sclerotherapyâ€"Effectiveness Assessment Based on Animal Model. Nanomaterials, 2021, 11, 544.	1.9	1
10	Review on Polymer, Ceramic and Composite Materials for CAD/CAM Indirect Restorations in Dentistryâ€"Application, Mechanical Characteristics and Comparison. Materials, 2021, 14, 1592.	1.3	66
11	Usefulness of Thulium-Doped Fiber Laser and Diode Laser in Zero Ischemia Kidney Surgeryâ€"Comparative Study in Pig Model. Materials, 2021, 14, 2000.	1.3	3
12	The Influence of a Knitted Hydrophilic Prosthesis of Blood Vessels on the Activation of Coagulation Systemâ€"In Vitro Study. Nanomaterials, 2021, 11, 1600.	1.9	1
13	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. Materials, 2021, 14, 5457.	1.3	4
14	Nanomaterials Application in Endodontics. Materials, 2021, 14, 5296.	1.3	14
15	Bioresorbable polymeric materials â€“ current state of knowledge. Polimery, 2021, 66, 3-10.	0.4	4
16	Review on the Lymphatic Vessels in the Dental Pulp. Biology, 2021, 10, 1257.	1.3	5
17	Removal of Composite Restoration from the Root Surface in the Cervical Region Using Er: YAG Laser and Drillâ€"In Vitro Study. Materials, 2020, 13, 3027.	1.3	11
18	The Influence of Ozonated Olive Oil-Loaded and Copper-Doped Nanohydroxyapatites on Planktonic Forms of Microorganisms. Nanomaterials, 2020, 10, 1997.	1.9	10

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19	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.	1.3	14
20	Selected Nanomaterialsâ€™ Application Enhanced with the Use of Stem Cells in Acceleration of Alveolar Bone Regeneration during Augmentation Process. Nanomaterials, 2020, 10, 1216.	1.9	30
21	In vitro SEM analysis of desensitizing agents and experimental hydroxyapatite-based composition effectiveness in occluding dentin tubules. Advances in Clinical and Experimental Medicine, 2020, 29, 1283-1297.	0.6	7
22	Assessment of cytotoxic and antimicrobial activity of selected gingival haemostatic agents â€“ in vitro study. Acta of Bioengineering and Biomechanics, 2020, 22, .	0.2	1
23	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
24	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
25	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.	1.0	29
26	Study of Surface Structure Changes for Selected Ceramics Used in the CAD/CAM System on the Degree of Microbial Colonization, In Vitro Tests. BioMed Research International, 2019, 2019, 1-13.	0.9	10
27	Influence of Porous Dressings Based on Butyric-Acetic Chitin Co-Polymer on Biological Processes In Vitro and In Vivo. Materials, 2019, 12, 970.	1.3	14
28	Stem cells: past, present, and future. Stem Cell Research and Therapy, 2019, 10, 68.	2.4	878
29	Preliminary Evaluation of Thulium Doped Fiber Laser in Pig Model of Liver Surgery. BioMed Research International, 2018, 2018, 1-7.	0.9	12
30	Influence of surface modifications of a nanostructured implant on osseointegration capacity â€“ preliminary in vivo study. RSC Advances, 2018, 8, 15533-15546.	1.7	10
31	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
32	Baseline factors affecting closure of venous leg ulcers. Journal of Vascular Surgery: Venous and Lymphatic Disorders, 2017, 5, 829-835.e1.	0.9	18
33	Cytotoxicity Evaluation of High-Temperature Annealed Nanohydroxyapatite in Contact with Fibroblast Cells. Materials, 2017, 10, 590.	1.3	24
34	Biological Properties of Low-Toxicity PLGA and PLGA/PHB Fibrous Nanocomposite Implants for Osseous Tissue Regeneration. Part I: Evaluation of Potential Biotoxicity. Molecules, 2017, 22, 2092.	1.7	20
35	Biological Properties of Low-Toxic PLGA and PLGA/PHB Fibrous Nanocomposite Scaffolds for Osseous Tissue Regeneration. Evaluation of Potential Bioactivity. Molecules, 2017, 22, 1852.	1.7	10
36	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

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37	The evaluation of resorbable haemostatic wound dressings in contact with blood in vitro. Acta of Bioengineering and Biomechanics, 2017, 19, 151-165.	0.2	4
38	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
39	Infrared Thermographic Assessment of Cooling Effectiveness in Selected Dental Implant Systems. BioMed Research International, 2016, 2016, 1-8.	0.9	9
40	Hemostatic, Resorbable Dressing of Natural Polymers-Hemoguard. Autex Research Journal, 2016, 16, 29-34.	0.6	6
41	Biological Dressings Based on Natural Polymers. Fibres and Textiles in Eastern Europe, 2016, 24, 170-174.	0.2	2
42	Telerehabilitation approach for patients with hand impairment. Acta of Bioengineering and Biomechanics, 2016, 18, 55-62.	0.2	4
43	A comparison of an antibacterial sandwich dressing vs dressing containing silver. Wound Repair and Regeneration, 2015, 23, 525-530.	1.5	13
44	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
45	Influence of nanocrystalline structure and surface properties of TiO₂ thin films on the viability of L929 cells. Polish Journal of Chemical Technology, 2015, 17, 33-39.	0.3	7
46	Influence of Cuâ€“Ti thin film surface properties on antimicrobial activity and viability of living cells. Materials Science and Engineering C, 2015, 56, 48-56.	3.8	52
47	HAEMOSTATIC, RESORBABLE DRESSING OF NATURAL POLYMERS - HEMOGUARD. Progress on Chemistry and Application of Chitin and Its Derivatives, 2015, XX, 130-141.	0.1	0
48	NEW CHITOSAN WOUND DRESSING â€“ FIRST STEP - THE CYTOTOXICITY EVALUATION. Progress on Chemistry and Application of Chitin and Its Derivatives, 2015, XX, 97-109.	0.1	1
49	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
50	Increase in cyclooxygenaseâ€2 (<scp>COX</scp>â€2) expression in keratinocytes and dermal fibroblasts in photoaged skin. Journal of Cosmetic Dermatology, 2014, 13, 195-201.	0.8	23
51			

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55	Efficacy and Tolerability of Liposomal Heparin Spraygel as an Add-on Treatment in the Management of Superficial Venous Thrombosis. Angiology, 2007, 58, 27S-35S.	0.8	4