

Ryszard Uklejewski

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Bone Density Micro-CT Assessment during Embedding of the Innovative Multi-Spiked Connecting Scaffold in Periarticular Bone to Elaborate a Validated Numerical Model for Designing Biomimetic Fixation of Resurfacing Endoprostheses. <i>Materials</i> , 2021, 14, 1384.	2.9	7
2	Subchondral Bone Relative Area and Density in Human Osteoarthritic Femoral Heads Assessed with Micro-CT before and after Mechanical Embedding of the Innovative Multi-Spiked Connecting Scaffold for Resurfacing THA Endoprostheses: A Pilot Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 2937.	2.4	4
3	First Biomimetic Fixation for Resurfacing Arthroplasty: Investigation in Swine of a Prototype Partial Knee Endoprosthesis. <i>BioMed Research International</i> , 2019, 2019, 1-14.	1.9	7
4	Native Osseous CaP Biomineral Coating on a Biomimetic Multi-Spiked Connecting Scaffold Prototype for Cementless Resurfacing Arthroplasty Achieved by Combined Electrochemical Deposition. <i>Materials</i> , 2019, 12, 3994.	2.9	4
5	Numerical studies of the influence of various geometrical features of a multispiked connecting scaffold prototype on mechanical stresses in peri-implant bone. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2018, 21, 541-547.	1.6	5
6	Structural-Geometric Functionalization of the Additively Manufactured Prototype of Biomimetic Multispiked Connecting Ti-Alloy Scaffold for Entirely Noncemented Resurfacing Arthroplasty Endoprostheses. <i>Applied Bionics and Biomechanics</i> , 2017, 2017, 1-14.	1.1	7
7	Biomimetic Multispiked Connecting Ti-Alloy Scaffold Prototype for Entirely-Cementless Resurfacing Arthroplasty Endoprostheses – Exemplary Results of Implantation of the Ca-P Surface-Modified Scaffold Prototypes in Animal Model and Osteoblast Culture Evaluation. <i>Materials</i> , 2016, 9, 532.	2.9	13
8	The Content of the 14 Metals in Cancellous and Cortical Bone of the Hip Joint Affected by Osteoarthritis. <i>BioMed Research International</i> , 2015, 2015, 1-23.	1.9	26
9	Effectiveness of various deproteinization processes of bovine cancellous bone evaluated via mechano-biostructural properties of produced osteoconductive biomaterials. <i>Biotechnology and Bioprocess Engineering</i> , 2015, 20, 259-266.	2.6	11
10	Post-production processing of multispiked connecting scaffold prototype non-cemented resurfacing endoprostheses. , 2015, , 879-882.	0.1	3
11	Preliminary Results of Implantation in Animal Model and Osteoblast Culture Evaluation of Prototypes of Biomimetic Multispiked Connecting Scaffold for Noncemented Stemless Resurfacing Hip Arthroplasty Endoprostheses. <i>BioMed Research International</i> , 2013, 2013, 1-10.	1.9	16
12	Computer Aided Stereometric Evaluation of Porosstructuralosteoconductive Properties of Intra-Osseous Implant Porous Coatings. <i>Metrology and Measurement Systems</i> , 2013, 20, 431-442.	1.4	1
13	Selective laser melted prototype of original minimally invasive resurfacing hip endoprosthesis. <i>Rapid Prototyping Journal</i> , 2011, 17, 76-85.	3.2	30
14	Prototype of minimally invasive hip resurfacing endoprosthesis - bioengineering design and manufacturing. <i>Acta of Bioengineering and Biomechanics</i> , 2009, 11, 65-70.	0.4	6