Tomasz Klekiel

List of Publications by Year
in descending order

16	65	1684188 5	1588992 8
papers	citations	h-index	g-index

16	16	16	65
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Novel design of sodium alginate based absorbable stent for the use in urethral stricture disease. Journal of Materials Research and Technology, 2020, 9, 9004-9015.	5.8	13
2	A mechanical study of novel additive manufactured modular mandible fracture fixation plates - Preliminary Study with finite element analysis.âœ°. Injury, 2020, 51, 1527-1535.	1.7	9
3	Evaluation of Selected Properties of Sodium Alginate-Based Hydrogel Materialâ€"Mechanical Strength, Î¼DIC Analysis and Degradation. Materials, 2022, 15, 1225.	2.9	9
4	Determination of Stent Load Conditions in New Zealand White Rabbit Urethra. Journal of Functional Biomaterials, 2020, 11, 70.	4.4	7
5	The influence of osteoporotic bone structures of the pelvic-hip complex on stress distribution under impact load. Acta of Bioengineering and Biomechanics, 2018, 20, 29-38.	0.4	7
6	Prediction of the Segmental Pelvic Ring Fractures Under Impact Loadings During Car Crash. Advances in Intelligent Systems and Computing, 2019, , 138-149.	0.6	4
7	Pelvic vertical shear fractures: The damping properties of ligaments depending on the velocity of vertical impact load. AIP Conference Proceedings, 2019, , .	0.4	3
8	Novel Development of Implant Elements Manufactured through Selective Laser Melting 3D Printing. Advanced Engineering Materials, 2021, 23, 2001488.	3.5	3
9	Investigation of Helmet-Head Interaction in the Aspect of Craniocerebral Tissue Protection. Advances in Intelligent Systems and Computing, 2020, , 308-315.	0.6	3
10	Risk of injury in lumbar spine during explosion of low-mass charge under vehicle. AIP Conference Proceedings, 2019, , .	0.4	2
11	Protection capabilities of the ankle joint against the consequences of impact load. AIP Conference Proceedings, 2019, , .	0.4	2
12	Biomechanicalâ€"Structural Correlation of Chordae tendineae in Animal Models: A Pilot Study. Animals, 2021, 11, 1678.	2.3	1
13	Measurement of Dynamic Properties of Animal Liver to Identify the Material Model. Advances in Intelligent Systems and Computing, 2020, , 256-264.	0.6	1
14	Analysis of the Lower Limb Model Response Under Impact Load. Advances in Intelligent Systems and Computing, 2019, , 150-162.	0.6	1
15	Characteristics of Nerve Roots Mechanical Properties Exposed to Uniaxial Stretching Tests. Lecture Notes in Networks and Systems, 2022, , 123-131.	0.7	0
16	Numerical Investigations of Mechanical Properties of Head Protection Systems Against the Effects of Dynamic Loads. Lecture Notes in Networks and Systems, 2023, , 255-265.	0.7	0