

Ilige Hage

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7075788/publications.pdf>

Version: 2024-02-01

13
papers

93
citations

1478505

6
h-index

1588992

8
g-index

13
all docs

13
docs citations

13
times ranked

107
citing authors

#	ARTICLE	IF	CITATIONS
1	Segmentation of histology slides of cortical bone using pulse coupled neural networks optimized by particle-swarm optimization. Computerized Medical Imaging and Graphics, 2013, 37, 466-474.	5.8	25
2	Micro-FEM Orthogonal Cutting Model for Bone Using Microscope Images Enhanced Via Artificial Intelligence. Procedia CIRP, 2013, 8, 385-390.	1.9	17
3	Utilizing the drill cutting lip to extract Johnson Cook flow stress parameters for Al6061-T6. CIRP Journal of Manufacturing Science and Technology, 2019, 26, 26-40.	4.5	13
4	Optimized tabu search estimation of wear characteristics and cutting forces in compact core drilling of basalt rock using PCD tool inserts. Computers and Industrial Engineering, 2019, 136, 477-493.	6.3	12
5	Geometric-attributes-based segmentation of cortical bone slides using optimized neural networks. Journal of Bone and Mineral Metabolism, 2016, 34, 251-265.	2.7	8
6	Extracting HCP Zerilli-Armstrong material parameters for magnesium alloy AZ31B from orthogonal cutting tests. Journal of Materials Processing Technology, 2021, 290, 116982.	6.3	8
7	Intracortical stiffness of mid-diaphysis femur bovine bone: lacunarâ€“canalicular based homogenization numerical solutions and microhardness measurements. Journal of Materials Science: Materials in Medicine, 2017, 28, 135.	3.6	4
8	Automatic Detection of Cortical Bones Haversian Osteonal Boundaries. AIMS Medical Science, 2015, 2, 328-346.	0.4	4
9	Toward quantifying geometric microstructural differences between primary and secondary osteons via segmentation. , 2014, , .		1
10	Relating Bone Intra-Cortical Elastic Stiffness to EDX Spectroscopy Mineralization Measurements. , 2018, , .		1
11	A study of intracortical porosityâ€™s area fractions and aspect ratios using computer vision and pulse-coupled neural networks. Medical and Biological Engineering and Computing, 2019, 57, 577-588.	2.8	0
12	Mapping cortical bone stiffness and mineralization from endosteal to periosteal surfaces of bovine mid-diaphyseal femur. Journal of Bone and Mineral Metabolism, 2021, 39, 725-736.	2.7	0
13	Exploiting the drill cutting lip to quantify the contributions of process parameters to cutting pressures - a response surface analysis. International Journal of Manufacturing Research, 2022, 17, 95.	0.2	0