

Hyock-Ju Kwon

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7829030/publications.pdf>

Version: 2024-02-01

20
papers

195
citations

1040056

9
h-index

1058476

14
g-index

20
all docs

20
docs citations

20
times ranked

259
citing authors

#	ARTICLE	IF	CITATIONS
1	Adhesion of Polymers in Paper Products from the Macroscopic to Molecular Level – An Overview. <i>Journal of Adhesion Science and Technology</i> , 2011, 25, 557-579.	2.6	46
2	The application of digital image techniques to determine the large stress-strain behaviors of soft materials. <i>Polymer Engineering and Science</i> , 2012, 52, 826-834.	3.1	25
3	Human corneal epithelial cell response to substrate stiffness. <i>Acta Biomaterialia</i> , 2015, 11, 324-332.	8.3	24
4	Fluid structure interaction of cantilever micro and nanotubes conveying magnetic fluid with small size effects under a transverse magnetic field. <i>Journal of Fluids and Structures</i> , 2020, 94, 102951.	3.4	19
5	Reinforcement Learning for Pick and Place Operations in Robotics: A Survey. <i>Robotics</i> , 2021, 10, 105.	3.5	19
6	Application of Eshelby's Solution to Elastography for Diagnosis of Breast Cancer. <i>Ultrasonic Imaging</i> , 2016, 38, 115-136.	2.6	11
7	Design and analysis of an ultrasonic tactile sensor using electro-mechanical analogy. <i>Ultrasonics</i> , 2020, 105, 106129.	3.9	11
8	Braking Availability Tester for Realistic Assessment of Aircraft Landing Distance on Winter Runways. <i>Journal of Aerospace Engineering</i> , 2015, 28, 04014089.	1.4	10
9	Geometry design of vertical probe needle using mechanical testing and finite element analysis. <i>International Journal of Precision Engineering and Manufacturing</i> , 2014, 15, 2335-2342.	2.2	9
10	Elastography for portable ultrasound. <i>Biomedical Engineering Letters</i> , 2018, 8, 101-116.	4.1	4
11	A New Global Path Planning Strategy for Mobile Robots Using Hierarchical Topology Map and Safety-Aware Navigation Speed. , 2019, , .		4
12	Strain ratio vs. modulus ratio for the diagnosis of breast cancer using elastography. <i>Biomedical Engineering Letters</i> , 2014, 4, 292-300.	4.1	3
13	Fatigue life estimation of vertical probe needle for wafer probing. <i>International Journal of Precision Engineering and Manufacturing</i> , 2015, 16, 2509-2515.	2.2	2
14	Controlled trigger and image restoration for high speed probe card analysis. <i>International Journal of Precision Engineering and Manufacturing</i> , 2015, 16, 661-667.	2.2	2
15	The rheological injectability of N-succinyl-chitosan solutions. <i>Carbohydrate Polymers</i> , 2016, 151, 1082-1090.	10.2	2
16	Assessment of Geometrical Features of Internal Flaws with Artificial Neural Network. <i>International Journal of Precision Engineering and Manufacturing</i> , 2021, 22, 777-789.	2.2	2
17	Low-cost quasi-real-time elastography using B-mode ultrasound images. <i>Bio-Medical Materials and Engineering</i> , 2014, 24, 1673-1692.	0.6	1
18	Design of an Ultrasonic Concentrator for Vibro-Tactile Sensors Using Electro-Mechanical Analogy. <i>International Journal of Precision Engineering and Manufacturing</i> , 2019, 20, 1787-1800.	2.2	1

#	ARTICLE	IF	CITATIONS
19	Compressed Sensing for Elastography in Portable Ultrasound. Ultrasonic Imaging, 2017, 39, 393-413.	2.6	0
20	An experimental and numerical study on tactile neuroimaging: A novel minimally invasive technique for intraoperative brain imaging. International Journal of Medical Robotics and Computer Assisted Surgery, 2018, 14, e1893.	2.3	0