

# 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	Assessment of Geometrical Features of Internal Flaws with Artificial Neural Network. International Journal of Precision Engineering and Manufacturing, 2021, 22, 777-789.	2.2	2
2	Reinforcement Learning for Pick and Place Operations in Robotics: A Survey. Robotics, 2021, 10, 105.	3.5	19
3	Design and analysis of an ultrasonic tactile sensor using electro-mechanical analogy. Ultrasonics, 2020, 105, 106129.	3.9	11
4	Fluid structure interaction of cantilever micro and nanotubes conveying magnetic fluid with small size effects under a transverse magnetic field. Journal of Fluids and Structures, 2020, 94, 102951.	3.4	19
5	Design of an Ultrasonic Concentrator for Vibro-Tactile Sensors Using Electro-Mechanical Analogy. International Journal of Precision Engineering and Manufacturing, 2019, 20, 1787-1800.	2.2	1
6	A New Global Path Planning Strategy for Mobile Robots Using Hierarchical Topology Map and Safety-Aware Navigation Speed. , 2019, , .		4
7	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
8	Elastography for portable ultrasound. Biomedical Engineering Letters, 2018, 8, 101-116.	4.1	4
9	Compressed Sensing for Elastography in Portable Ultrasound. Ultrasonic Imaging, 2017, 39, 393-413.	2.6	0
10	The rheological injectability of N-succinyl-chitosan solutions. Carbohydrate Polymers, 2016, 151, 1082-1090.	10.2	2
11	Application of Eshelby's Solution to Elastography for Diagnosis of Breast Cancer. Ultrasonic Imaging, 2016, 38, 115-136.	2.6	11
12	Fatigue life estimation of vertical probe needle for wafer probing. International Journal of Precision Engineering and Manufacturing, 2015, 16, 2509-2515.	2.2	2
13	Controlled trigger and image restoration for high speed probe card analysis. International Journal of Precision Engineering and Manufacturing, 2015, 16, 661-667.	2.2	2
14	Braking Availability Tester for Realistic Assessment of Aircraft Landing Distance on Winter Runways. Journal of Aerospace Engineering, 2015, 28, 04014089.	1.4	10
15	Human corneal epithelial cell response to substrate stiffness. Acta Biomaterialia, 2015, 11, 324-332.	8.3	24
16	Strain ratio vs. modulus ratio for the diagnosis of breast cancer using elastography. Biomedical Engineering Letters, 2014, 4, 292-300.	4.1	3
17	Geometry design of vertical probe needle using mechanical testing and finite element analysis. International Journal of Precision Engineering and Manufacturing, 2014, 15, 2335-2342.	2.2	9
18	Low-cost quasi-real-time elastography using B-mode ultrasound images. Bio-Medical Materials and Engineering, 2014, 24, 1673-1692.	0.6	1

#	ARTICLE	IF	CITATIONS
19	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
20	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