

Yoshiro Tajitsu

List of Publications by Year in descending order

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18
papers

229
citations

1307594

7
h-index

1058476

14
g-index

18
all docs

18
docs citations

18
times ranked

208
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of electric control catheter and tweezers for thrombosis sample in blood vessels using piezoelectric polymeric fibers. <i>Polymers for Advanced Technologies</i> , 2006, 17, 907-913.	3.2	57
2	New design of actuator using shear piezoelectricity of a chiral polymer, and prototype device. <i>Polymer International</i> , 2010, 59, 365-370.	3.1	38
3	Piezoelectric Characteristics of Polymer Film Oriented under a Strong Magnetic Field. <i>Japanese Journal of Applied Physics</i> , 2004, 43, 6769-6774.	1.5	30
4	Piezoelectret sensor made from an electro-spun fluoropolymer and its use in a wristband for detecting heart-beat signals. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , 2015, 22, 1355-1359.	2.9	24
5	Effect of Glass Transition on Electrical Conduction Characteristics of Poly-L-lactic Acid. <i>IEEJ Transactions on Fundamentals and Materials</i> , 2005, 125, 254-260.	0.2	21
6	Measurement System for Very Small Photoelastic Constant of Polymer Films. <i>Macromolecular Symposia</i> , 2006, 242, 235-240.	0.7	13
7	Relationship between Photoelasticity of Polyurethane and Dielectric Anisotropy of Diisocyanate, and Application of High-Photoelasticity Polyurethane to Tactile Sensor for Robot Hands. <i>Polymers</i> , 2021, 13, 143.	4.5	13
8	Measurement of Pockels Effect in Piezoelectric Chiral Polymer Film. <i>Japanese Journal of Applied Physics</i> , 2005, 44, 7115-7118.	1.5	6
9	A Prototype Sensor System Using Fabricated Piezoelectric Braided Cord for Work-Environment Measurement during Work from Home. <i>Micromachines</i> , 2021, 12, 966.	2.9	6
10	Feedback control of a pneumatically driven soft finger using a photoelastic polyurethane bending sensor. <i>Advanced Robotics</i> , 0, , 1-16.	1.8	4
11	Application of a piezoelectric braided cord to sense vital signs during sleep. <i>Japanese Journal of Applied Physics</i> , 2020, 59, SPPD06.	1.5	4
12	Development of a packaging material using antistatic ionomer part 2: charge distributions of potassium ionomer. <i>Packaging Technology and Science</i> , 2007, 20, 309-313.	2.8	3
13	New human machine interface devices using a piezoelectric poly(L-lactic acid) film. , 2013, , .		3
14	Development of a Pneumatically Driven Flexible Finger with Feedback Control of a Polyurethane Bend Sensor. , 2018, , .		3
15	Evaluation of gripping sensor using polyurethane with high photoelastic constant. <i>Japanese Journal of Applied Physics</i> , 2021, 60, SFFD03.	1.5	2
16	High Ionic Conductivity of Transparent Film of Hydroxyapatite and Poly(vinyl alcohol) Nanocomposite. <i>Macromolecular Symposia</i> , 2008, 268, 14-18.	0.7	1
17	Surface charge dependence on load in amorphous stereocomplex poly(lactic acid) electrets processed with microwave heating. <i>Japanese Journal of Applied Physics</i> , 2020, 59, SPPE02.	1.5	1
18	Catheters for Thrombosis Sample Exfoliation in Blood Vessels Using Piezoelectric Polymer Fibers. , 0, , 357-368.		0