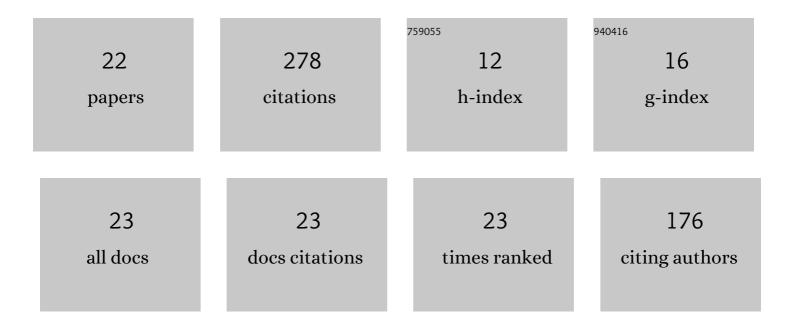
## Liang Yang

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/162768/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Influence of loading voltage, domain ratio, and additional load on the actuation of dielectric elastomer. Nanotechnology Reviews, 2022, 11, 1068-1075.	2.6	4
2	Surface profile topography of ionic polymer metal composite based on fractal theory. Surfaces and Interfaces, 2021, 22, 100834.	1.5	17
3	Performance analysis of IPMC electrode based on the densest packing principle. Journal of Materials Research, 2021, 36, 1295-1305.	1.2	8
4	Electroless copper deposition and interface characteristics of ionic electroactive polymer. Journal of Materials Research and Technology, 2021, 11, 849-856.	2.6	18
5	Preparation and performance analysis of Pt-IPMC for driving bionic tulip. Journal of Advanced Dielectrics, 2021, 11, 2150017.	1.5	5
6	Recent progress in preparation process of ionic polymer-metal composites. Results in Physics, 2021, 29, 104800.	2.0	20
7	Permittivity, loss factor and Cole-Cole model of acrylic materials for dielectric elastomers. Results in Physics, 2021, 29, 104781.	2.0	16
8	Effect of different prestretching index and preloading on actuation behaviors of dielectric elastomer actuator. Journal of Materials Research and Technology, 2021, 15, 4064-4073.	2.6	10
9	Fabrication of Cu/Nafion-Based Ionic Polymer Metal Composites by Electroless Plating Method. Integrated Ferroelectrics, 2020, 209, 48-57.	0.3	12
10	Actuation Modeling of Ionic–Polymer Metal Composite Actuators Using Micromechanics Approach. Advanced Engineering Materials, 2020, 22, 2000537.	1.6	22
11	Surface roughening of Nafion membranes using different route planning for IPMCs. International Journal of Smart and Nano Materials, 2020, 11, 117-128.	2.0	14
12	Research on Process Optimization of Ag-IPMC. Integrated Ferroelectrics, 2020, 210, 106-115.	0.3	8
13	Property of Nafion-ionic polymer-metal composites based on Mori–Tanaka methodology and gradient mechanics. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	1.1	5
14	Property of ionic polymer metal composite with different thicknesses based on solution casting technique. International Journal of Modern Physics B, 2020, 34, 2050263.	1.0	11
15	Fabrication and Actuation of Cu-Ionic Polymer Metal Composite. Polymers, 2020, 12, 460.	2.0	13
16	Orthogonal optimum design of parameters of flux used for low carbon bainitic steel. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	1,1	1
17	Prediction of the Actuation Property of Cu Ionic Polymer–Metal Composites Based on Backpropagation Neural Networks. ACS Omega, 2020, 5, 4067-4074.	1.6	23
18	Models of displacement and blocking force of ionic-polymer metal composites based on actuation mechanism. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	1.1	16

LIANG YANG

#	Article	IF	CITATIONS
19	Effect of different welding energy on microstructure and toughness of HAZ of low carbon bainitic steel. International Journal of Modern Physics B, 2020, 34, 2050319.	1.0	2
20	Submerged Arc WeldingÂ×Â100 Pipeline Steels. Materials and Manufacturing Processes, 2014, 29, 64-68.	2.7	14
21	Fabrication of SiC <sub>p</sub> /Cu–Al electronic packaging material by pressureless infiltration method. Materials Science and Technology, 2013, 29, 326-331.	0.8	4
22	Microstructure and Mechanical Properties of Joints of X100 Line Pipe by Submerged Arc Welding. Applied Mechanics and Materials, 0, 310, 139-144.	0.2	1