

# Kazunari Yoshida

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

143  
citations

1307594

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1199594

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41  
docs citations

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times ranked

96  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fully 3D-Printed Hydrogel Actuator for Jellyfish Soft Robots. <i>ECS Journal of Solid State Science and Technology</i> , 2021, 10, 037002.	1.8	30
2	Very Wide Sensing Range and Hysteresis Behaviors of Tactile Sensor Developed by Embedding Soft Ionic Gels in Soft Silicone Elastomers. <i>ECS Journal of Solid State Science and Technology</i> , 2020, 9, 061024.	1.8	16
3	Effect of dibucaine hydrochloride on raft-like lipid domains in model membrane systems. <i>MedChemComm</i> , 2015, 6, 1444-1451.	3.4	11
4	Influence of 3D-printing conditions on physical properties of hydrogel objects. <i>Mechanical Engineering Journal</i> , 2018, 5, 17-00538-17-00538.	0.4	11
5	Electric control of friction on surface of high-strength hydrogels. <i>Microsystem Technologies</i> , 2018, 24, 639-646.	2.0	10
6	Real-time Observation of Liposome Bursting Induced by Acetonitrile. <i>ChemPhysChem</i> , 2014, 15, 2909-2912.	2.1	9
7	3D Printing of Tough Gels Having Tunable Elastic Modulus from the Same Pre-gel Solution. <i>Macromolecular Chemistry and Physics</i> , 2019, 220, 1800498.	2.2	9
8	Confinement Effects on Polymer Dynamics: Thermo-Responsive Behaviours of Hydroxypropyl Cellulose Polymers in Phospholipid-Coated Droplets (Water-in-Oil Emulsion). <i>Polymers</i> , 2017, 9, 680.	4.5	7
9	Enormously Low Frictional Surface on Tough Hydrogels Simply Created by Laser-Cutting Process. <i>Technologies</i> , 2018, 6, 82.	5.1	7
10	Acetonitrile-Induced Destabilization in Liposomes. <i>Colloids and Interfaces</i> , 2018, 2, 6.	2.1	7
11	Deformation of Lipid Membranes Containing Photoresponsive Molecules in Response to Ultraviolet Light. <i>Journal of Physical Chemistry B</i> , 2014, 118, 4115-4121.	2.6	6
12	Sliding Walk With Friction Control of Double-Network Gel on Feet of Inchworm Robot. <i>Frontiers in Mechanical Engineering</i> , 2019, 5, .	1.8	6
13	Dependence of stacking direction on mechanical properties of gels and plastics formed by 3D printing. <i>Transactions of the JSME (in Japanese)</i> , 2017, 83, 16-00567-16-00567.	0.2	4
14	Antireflection in Green Lacewing Wings with Random Height Surface Protrusions. <i>Langmuir</i> , 2020, 36, 4207-4213.	3.5	4
15	(Invited) Formation of Liposomes Containing Pre-Gel Solution and 3D-Printing Applications by Droplet-Shooting Method. <i>ECS Transactions</i> , 2020, 98, 85-92.	0.5	3
16	Creation and Drive Evaluation of Jellyfish Type Autonomous Unmanned Submersible. <i>ECS Transactions</i> , 2018, 88, 45-49.	0.5	1
17	Behaviors of 3D-printed objects made of thermo-responsive hydrogels: motion in flow and molecule release ability. <i>Microsystem Technologies</i> , 2020, , 1.	2.0	1
18	Analysis of Surface Patterns and Electric Field Simulation of Antireflective Green Lacewing Wings. <i>Langmuir</i> , 2022, 38, 3098-3104.	3.5	1

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19	Development of low viscosity gel material suitable for modeling with 3D gel printer and evaluation of mechanical properties. Transactions of the JSME (in Japanese), 2018, 84, 17-00459-17-00459.	0.2	0
20	Development of Soft Ion Gel Based Touch Sensor. ECS Transactions, 2018, 88, 59-67.	0.5	0
21	Modeling of Spherical Objects Using 3D Printing of Soft and Bio-Compatible Materials. ECS Transactions, 2018, 88, 217-222.	0.5	0
22	Perspectiveâ€”A Robotic Actuation System Made of Artificial Cells and Gels. ECS Journal of Solid State Science and Technology, 2021, 10, 057005.	1.8	0
23	Aggregation of Water Molecules to Phospholipid Head Groups Accompanied with Separation into Waterâ€”and Polysaccharideâ€”Rich Phases in Waterâ€”inâ€”Oil Emulsions. ChemistrySelect, 2021, 6, 5435-5440.	1.5	0
24	Development of polymer gel ring and evaluation of friction properties. The Proceedings of Mechanical Engineering Congress Japan, 2017, 2017, S1110302.	0.0	0
25	Friction Properties and Surface Observation By Surface Processing on High Strength Gels. ECS Meeting Abstracts, 2018, , .	0.0	0
26	3D Gel Printing for Jellyfish-Mimic Robot. ECS Meeting Abstracts, 2018, , .	0.0	0
27	3D Printing of Smart Gels. ECS Meeting Abstracts, 2018, , .	0.0	0
28	Thermo-Responsive Behavior of Polymer Solutions Coated with Phospholipids. ECS Meeting Abstracts, 2018, , .	0.0	0
29	Evaluation of Gel Touch Sensor. ECS Meeting Abstracts, 2018, , .	0.0	0
30	Development of separation device based on particle size of vesicles using margination. The Proceedings of the Materials and Processing Conference, 2018, 2018.26, 920.	0.0	0
31	Analysis of frequency accompanying change of moisture content of Ringing gel. The Proceedings of the Materials and Processing Conference, 2018, 2018.26, 917.	0.0	0
32	Modeling of Spherical Objects Using 3D Printing of Soft and Bio-Compatible Materials. ECS Meeting Abstracts, 2018, , .	0.0	0
33	Friction Properties of Gel Rings and Plates. ECS Meeting Abstracts, 2018, , .	0.0	0
34	Physical Properties of Hydrogel Objects By 3D-Printing. ECS Meeting Abstracts, 2018, , .	0.0	0
35	(Invited) 3D Printing of Gels for Soft-matter 3D Innovation. ECS Meeting Abstracts, 2018, , .	0.0	0
36	3D Printable Edible Actuator. ECS Meeting Abstracts, 2019, , .	0.0	0

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37	Creation of 3D Print Gel Actuator. ECS Meeting Abstracts, 2019, , .	0.0	0
38	(Invited) Friction Processing and Application to High Strength Hydrogel Surface. ECS Meeting Abstracts, 2020, MA2020-02, 3708-3708.	0.0	0
39	(Invited) Formation of Liposomes Containing Pre-Gel Solution and 3D-Printing Applications by Droplet-Shooting Method. ECS Meeting Abstracts, 2020, MA2020-02, 3710-3710.	0.0	0
40	2D and 3D Control of Lipid Bilayer Membranes for Molecular Sensors. ECS Meeting Abstracts, 2020, MA2020-02, 3717-3717.	0.0	0
41	Numerical Estimation of Acetonitrile Adsorption into Simple Artificial Cell Membranes. ChemistrySelect, 2021, 6, 14013-14018.	1.5	0