

# Keishi Naito

## List of Publications by Year in descending order

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27  
papers

94  
citations

1683934

5  
h-index

1588896

8  
g-index

27  
all docs

27  
docs citations

27  
times ranked

45  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ab-initio DFT Calculations on Elastic Coefficients, (001) Surface Energy, Stability Limit of Pure Metals and Separation Energy of Bimetal Interface. <i>Zairyo/Journal of the Society of Materials Science, Japan</i> , 2022, 71, 127-134.	0.1	2
2	Cover Image, Volume 138, Issue 16. <i>Journal of Applied Polymer Science</i> , 2021, 138, 49848.	1.3	0
3	Evaluation for the actuation performance of dielectric elastomer actuator using polyisoprene elastomer with dynamic ionic crosslinks. <i>Sensors and Actuators A: Physical</i> , 2021, 332, 113143.	2.0	1
4	Molecular dynamics simulation on (001) interfacial fracture of Fe/Ni and Fe/Pd/Ni and deformation mode analysis by eigenvector of atomic elastic stiffness matrix. <i>Transactions of the JSME (in Japanese)</i> , 2021, 87, 21-00046-21-00046.	0.1	1
5	Tensile properties of cristobalite-filled epoxy resin. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50410.	1.3	2
6	Atomic elastic stiffness analysis to predict twinning in Fe single crystal under shear. <i>Computational Materials Science</i> , 2020, 183, 109804.	1.4	3
7	Linear-Quadratic Regulator for Control of Multi-Wall Carbon Nanotube/Polydimethylsiloxane Based Conical Dielectric Elastomer Actuators. <i>Actuators</i> , 2020, 9, 18.	1.2	3
8	Molecular dynamics simulation of indentation-cutting on Ni and Cu by rigid Fe tool (Focus on) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467</i> 20-00061-20-00061.	0.1	0
9	Possibility of Fabricating Anisotropic Conductive Film with a Line-and-Space-Like Pattern by Stick-Slip Accompanying Abrasion. <i>Journal of Manufacturing and Materials Processing</i> , 2019, 3, 60.	1.0	1
10	Molecular Dynamics Study on Adhesion of Various Ni/Al Interface for Ni-Plated Aluminum Alloys. <i>Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals</i> , 2019, 83, 198-206.	0.2	0
11	Simultaneous Enhancement of Bending and Blocking Force of an Ionic Polymer-Metal Composite (IPMC) by the Active Use of Its Material Characteristics Change. <i>Actuators</i> , 2019, 8, 29.	1.2	10
12	Flexural Properties of Cristobalite Spherical Particle Filled Epoxy Resin. <i>Journal of Fiber Science and Technology</i> , 2018, 74, 221-228.	0.2	2
13	Influence of Frictional Vibration on Wear When Razor Rubs Polypropylene Single Fiber. <i>Journal of Fiber Science and Technology</i> , 2018, 74, 47-52.	0.2	2
14	Molecular Dynamics Study on Adhesion of Various Ni/Al Interface for Ni-Plated Aluminum Alloys. <i>Materials Transactions</i> , 2018, 59, 1753-1760.	0.4	5
15	Effect of Surface Pattern on Interfacial Strength between Graphite Layers and PP/PE: Molecular Dynamics Study. <i>Zairyo/Journal of the Society of Materials Science, Japan</i> , 2018, 67, 242-248.	0.1	1
16	Variation of periodic crazing based on polymer blends of an ultra-high and a low molecular weight poly(methyl methacrylate). <i>Journal of Applied Polymer Science</i> , 2017, 134, .	1.3	6
17	Wettability of a microgrid-structured polymer film with microfabrication utilizing the stick-slip phenomenon. <i>Journal of Applied Polymer Science</i> , 2017, 134, 45140.	1.3	3
18	Control of Crazing Process by Surface Coating on the Film as Battery Separators. <i>Journal of Fiber Science and Technology</i> , 2016, 72, 66-73.	0.2	5

#	ARTICLE	IF	CITATIONS
19	Processing method utilizing stick-slip phenomenon for forming periodic micro/nano-structure. Journal of Materials Processing Technology, 2016, 238, 267-273.	3.1	5
20	Evaluation of crack nucleation and propagation in bcc-Fe with local lattice instability. The Proceedings of the Computational Mechanics Conference, 2016, 2016.29, 4_253.	0.0	0
21	Modeling of a corrugated dielectric elastomer actuator for artificial muscle applications. Proceedings of SPIE, 2015, , .	0.8	5
22	&lt;i>Application and Control of Periodic Crazing for Polymer Materials&lt;/i>. Journal of Fiber Science and Technology, 2014, 70, P-223-P-228.	0.0	4
23	Periodic crazing on polymethylmethacrylate film by localized bending. Journal of Applied Polymer Science, 2013, 127, 2307-2313.	1.3	12
24	A new technique for generating regularly spaced crazes to facilitate piece dyeing of polypropylene filaments. Journal of Applied Polymer Science, 2013, 128, 3564-3569.	1.3	11
25	Preparation of Nano-Porous Polypropylene Film by Periodic Crazing and It^ ^rsquo;s Evaluation as Battery Separators. Kobunshi Ronbunshu, 2013, 70, 1-9.	0.2	5
26	Gas Permeability and Structure of Crazes for Crazed Polymer Films. Journal of Fiber Science and Technology, 2012, 68, 198-204.	0.0	5
27	Effect of Particle Size on Impact Fracture Energy of Reprocessed Thermosetting Resins. Journal of Fiber Science and Technology, 2012, 68, 241-247.	0.0	0