

Hiroyuki Arafune

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2860084/publications.pdf>

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papers

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1684188

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1474206

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119
citing authors

#	ARTICLE	IF	CITATIONS
1	A Robust Lubrication System Using an Ionic Liquid Polymer Brush. <i>Advanced Materials Interfaces</i> , 2015, 2, 1500187.	3.7	28
2	Lubrication Properties of Ammonium-Based Ionic Liquids Confined between Silica Surfaces Using Resonance Shear Measurements. <i>Langmuir</i> , 2015, 31, 13265-13270.	3.5	22
3	Highly Robust and Low Frictional Double- <i>Network</i> Ion Gel. <i>Advanced Materials Interfaces</i> , 2017, 4, 1700074.	3.7	15
4	Low Friction, Lubricity, and Durability of Polymer Brush Coatings, Characterized Using the Relaxation Tribometer Technique <i>â</i> . <i>Lubricants</i> , 2018, 6, 52.	2.9	11
5	Nanoporous Waveguide Spectroscopy for the Estimation of Enzyme Adsorption on Mesoporous Silica. <i>Analytical Sciences</i> , 2017, 33, 473-476.	1.6	10
6	Tribological Properties of Double- <i>Network</i> Gels Substituted by Ionic Liquids. <i>Lubricants</i> , 2018, 6, 89.	2.9	3
7	In Situ Surface-Initiated Atom-Transfer Radical Polymerization Utilizing the Nonvolatile Nature of Ionic Liquids: A First Attempt. <i>Polymers</i> , 2021, 13, 61.	4.5	3
8	Mechanical and Lubrication Properties of Double <i>Network</i> Ion Gels Obtained by a One-Step Process. <i>Materials</i> , 2022, 15, 2113.	2.9	2
9	Tribology: Highly Robust and Low Frictional Double- <i>Network</i> Ion Gel (<i>Adv. Mater. Interfaces</i> 9/2017). <i>Advanced Materials Interfaces</i> , 2017, 4, .	3.7	0