

# Haruka Minato

## List of Publications by Year in descending order

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17  
papers

213  
citations

1163117

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996975

15  
g-index

18  
all docs

18  
docs citations

18  
times ranked

228  
citing authors

#	ARTICLE	IF	CITATIONS
1	The deformation of hydrogel microspheres at the air/water interface. <i>Chemical Communications</i> , 2018, 54, 932-935.	4.1	53
2	Self-Organization of Soft Hydrogel Microspheres during the Evaporation of Aqueous Droplets. <i>Langmuir</i> , 2018, 34, 4515-4525.	3.5	33
3	Hydrophobic Monomers Recognize Microenvironments in Hydrogel Microspheres during Free-Radical Seeded Emulsion Polymerization. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 8849-8853.	13.8	21
4	Concentration dependence of the dynamics of microgel suspensions investigated by dynamic light scattering. <i>Soft Matter</i> , 2019, 15, 5390-5399.	2.7	17
5	Nanostructures, Thermoresponsiveness, and Assembly Mechanism of Hydrogel Microspheres during Aqueous Free-Radical Precipitation Polymerization. <i>Langmuir</i> , 2021, 37, 151-159.	3.5	17
6	Effect of Charge Groups Immobilized in Hydrogel Microspheres during the Evaporation of Aqueous Sessile Droplets. <i>Langmuir</i> , 2019, 35, 10412-10423.	3.5	15
7	The Belousov-Zhabotinsky Reaction in Thermoresponsive Core-Shell Hydrogel Microspheres with a Tris(2,2'-bipyridyl)ruthenium Catalyst in the Core. <i>Journal of Physical Chemistry B</i> , 2020, 124, 3828-3835.	2.6	13
8	Protein uptake into individual hydrogel microspheres visualized by high-speed atomic force microscopy. <i>Chemical Communications</i> , 2019, 55, 10064-10067.	4.1	11
9	High-Frequency Swelling/Deswelling Oscillation of Poly(Oligoethylene Glycol) Methacrylate-Based Hydrogel Microspheres with a Tris(2,2'-bipyridyl)ruthenium Catalyst. <i>ACS Applied Polymer Materials</i> , 2021, 3, 3298-3306.	4.4	8
10	Thermoresponsive structural changes of single poly(N-isopropyl acrylamide) hydrogel microspheres under densely packed conditions on a solid substrate. <i>Polymer Journal</i> , 2020, 52, 1137-1141.	2.7	7
11	Temperature-dependent relationship between the structure and mechanical strength of volatile organic compound-free latex films prepared from poly(butyl acrylate-co-methyl methacrylate) microspheres. <i>Polymer Journal</i> , 2021, 53, 345-353.	2.7	5
12	Non-close-packed arrangement of soft elastomer microspheres on solid substrates. <i>RSC Advances</i> , 2021, 11, 14562-14567.	3.6	4
13	Two-step yielding behavior of densely packed microgel mixtures with chemically dissimilar surfaces and largely different sizes. <i>Soft Matter</i> , 2020, 16, 7400-7413.	2.7	3
14	Hydrophobic Monomers Recognize Microenvironments in Hydrogel Microspheres during Free-Radical Seeded Emulsion Polymerization. <i>Angewandte Chemie</i> , 2020, 132, 8934-8938.	2.0	3
15	Nanostructure and thermoresponsiveness of poly(N-isopropyl methacrylamide)-based hydrogel microspheres prepared via aqueous free radical precipitation polymerization. <i>RSC Advances</i> , 2021, 11, 13130-13137.	3.6	3
16	Titelbild: Hydrophobic Monomers Recognize Microenvironments in Hydrogel Microspheres during Free-Radical Seeded Emulsion Polymerization ( <i>Angew. Chem.</i> 23/2020). <i>Angewandte Chemie</i> , 2020, 132, 8809-8809.	2.0	0
17	Evaluation of Deformation Characteristics of Micron-Size Hydrogel Particles with Strain Recovery Processes. <i>Nihon Reorji Gakkaishi</i> , 2018, 46, 227-231.	1.0	0