

# Hiroaki Hatano

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9998204/publications.pdf>

Version: 2024-02-01

8  
papers

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citations

1478505

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1720034

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docs citations

8  
times ranked

60  
citing authors

#	ARTICLE	IF	CITATIONS
1	Translocation Mechanisms of Cell-Penetrating Polymers Identified by Induced Proton Dynamics. <i>Langmuir</i> , 2019, 35, 8167-8173.	3.5	27
2	Guanidine-phosphate interactions stabilize polyion complex micelles based on flexible cationomers to improve mRNA delivery. <i>European Polymer Journal</i> , 2020, 140, 110028.	5.4	18
3	Induced Proton Perturbation for Sensitive and Selective Detection of Tight Junction Breakdown. <i>Analytical Chemistry</i> , 2019, 91, 3525-3532.	6.5	12
4	Internalization Mechanisms of Pyridinium Sulfobetaine Polymers Evaluated by Induced Protic Perturbations on Cell Surfaces. <i>Langmuir</i> , 2020, 36, 9977-9984.	3.5	10
5	Induced Proton Dynamics on Semiconductor Surfaces for Sensing Tight Junction Formation Enhanced by an Extracellular Matrix and Drug. <i>ACS Sensors</i> , 2019, 4, 3195-3202.	7.8	8
6	A proton/macromolecule-sensing approach distinguishes changes in biological membrane permeability during polymer/lipid-based nucleic acid delivery. <i>Journal of Materials Chemistry B</i> , 2021, 9, 4298-4302.	5.8	7
7	Transepithelial delivery of insulin conjugated with phospholipid-mimicking polymers via biomembrane fusion-mediated transcellular pathways. <i>Acta Biomaterialia</i> , 2022, 140, 674-685.	8.3	1
8	Mechanistic Analyses of Polymer/Lipid-Based Gene Transfection Processes through Membrane Integrity Assay Using Proton Sensing Transistor. <i>Materials Proceedings</i> , 2020, 4, .	0.2	0