

# Yu Kambe

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3076231/publications.pdf>

Version: 2024-02-01

13  
papers

260  
citations

1040056

9  
h-index

1474206

9  
g-index

13  
all docs

13  
docs citations

13  
times ranked

442  
citing authors

#	ARTICLE	IF	CITATIONS
1	Interconnected ionic domains enhance conductivity in microphase separated block copolymer electrolytes. Journal of Materials Chemistry A, 2017, 5, 5619-5629.	10.3	50
2	Role of Defects in Ion Transport in Block Copolymer Electrolytes. Nano Letters, 2019, 19, 4684-4691.	9.1	48
3	Perpendicularly Aligned, Anion Conducting Nanochannels in Block Copolymer Electrolyte Films. Chemistry of Materials, 2016, 28, 1377-1389.	6.7	45
4	Interrogation of Electrochemical Properties of Polymer Electrolyte Thin Films with Interdigitated Electrodes. Journal of the Electrochemical Society, 2018, 165, H1028-H1039.	2.9	35
5	Ion Conduction in Microphase-Separated Block Copolymer Electrolytes. Electrochemical Society Interface, 2017, 26, 61-67.	0.4	23
6	Sculpted grain boundaries in soft crystals. Science Advances, 2019, 5, eaax9112.	10.3	18
7	Nanofilm conductivity measurements reveal interfacial influence on ion transport in polymer electrolytes. Molecular Systems Design and Engineering, 2019, 4, 597-608.	3.4	16
8	Ionic conductivity and counterion condensation in nanoconfined polycation and polyanion brushes prepared from block copolymer templates. Molecular Systems Design and Engineering, 2019, 4, 365-378.	3.4	13
9	Understanding Ion Mobility in P2VP/NMP+Li <sup>+</sup> Polymer Electrolytes: A Combined Simulation and Experimental Study. Macromolecules, 2020, 53, 2783-2792.	4.8	12
10	Ion Conducting Conduits with a Tortuosity of One from One Electrode to Another: The Role of Domain Connectivity and Tortuosity on Ion Conductivity in Block Copolymer Electrolyte Thin Films. ECS Meeting Abstracts, 2016, , .	0.0	0
11	Realizing the Potential of Micro-Phase Separated Block Copolymer Electrolytes: Ion Domain Connectivity Plays a Prominent Role in Ion Conduction. ECS Meeting Abstracts, 2016, , .	0.0	0
12	Thin Film Ion Transport and Morphology of Poly(ethylene oxide) and Lithium Salt Mixtures. ECS Meeting Abstracts, 2018, , .	0.0	0
13	Ion Transport in Microphase Separating Polymer Thin Films. ECS Meeting Abstracts, 2018, , .	0.0	0