

# Xubo Luo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3157476/publications.pdf>

Version: 2024-02-01

13  
papers

186  
citations

1307594

7  
h-index

1125743

13  
g-index

13  
all docs

13  
docs citations

13  
times ranked

249  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mesoscale Simulations of Anion Exchange Membranes Based on Quaternary Ammonium Tethered Triblock Copolymers. <i>Macromolecules</i> , 2017, 50, 4397-4405.	4.8	62
2	DPD simulations of anion exchange membranes functionalized with various cationic groups and associated anions. <i>Solid State Ionics</i> , 2019, 340, 115011.	2.7	20
3	DPD simulations of anion exchange membrane: The effect of an alkyl spacer on the hydrated morphology. <i>Solid State Ionics</i> , 2019, 339, 115012.	2.7	18
4	Molecular Dynamics Simulations of Polymerized Ionic Liquids: Mechanism of Ion Transport with Different Anions. <i>ACS Applied Polymer Materials</i> , 2021, 3, 141-152.	4.4	15
5	Quantitative Evidence of Mobile Ion Hopping in Polymerized Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2021, 125, 372-381.	2.6	15
6	Three-dimensional Catenated 1-ethyl-3-methylimidazolium Halotitanate Ionic Liquid Electrolytes for Electrochemical Applications. <i>Electrochimica Acta</i> , 2017, 246, 914-923.	5.2	13
7	Mesoscale Simulations of Quaternary Ammonium-Tethered Triblock Copolymers: Effects of the Degree of Functionalization and Styrene Content. <i>Journal of Physical Chemistry C</i> , 2020, 124, 16315-16323.	3.1	11
8	Importance of the Positively Charged ĩf-Hole in Crystal Engineering of Halogenated Polypeptoids. <i>Journal of Physical Chemistry B</i> , 2022, 126, 4152-4159.	2.6	9
9	Coarse-Grained Modeling of Ion-Containing Polymers. <i>Chemical Reviews</i> , 2022, 122, 10710-10745.	47.7	7
10	Proton Transfer in Phosphoric Acid-Based Protic Ionic Liquids: Effects of the Base. <i>Journal of Physical Chemistry A</i> , 2020, 124, 4141-4149.	2.5	6
11	Computational Fluid Dynamics Hydrodynamic Analysis of a Crossâ€Orthogonal Fixedâ€Valve Tray. <i>Chemical Engineering and Technology</i> , 2014, 37, 383-391.	1.5	5
12	Characterization of a Compound Starch-Based Adsorbent for Alcoholâ€Water Azeotrope Dehydration. <i>Adsorption Science and Technology</i> , 2013, 31, 829-843.	3.2	4
13	Biosorptive distillations to purify isopropanol: improvements over the current process in terms of energy consumption and exergy. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2014, 9, 293-302.	1.5	1