

Yufeng Cai

List of Publications by Year in descending order

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9
papers

1,105
citations

1040056

9
h-index

1474206

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docs citations

9
times ranked

1184
citing authors

#	ARTICLE	IF	CITATIONS
1	Temperature-responsive hydrogel with ultra-large solar modulation and high luminous transmission for "smart window" applications. <i>Journal of Materials Chemistry A</i> , 2014, 2, 13550-13555.	10.3	224
2	VO ₂ /hydrogel hybrid nanothermochromic material with ultra-high solar modulation and luminous transmission. <i>Journal of Materials Chemistry A</i> , 2015, 3, 1121-1126.	10.3	179
3	A critical review on draw solutes development for forward osmosis. <i>Desalination</i> , 2016, 391, 16-29.	8.2	169
4	Towards temperature driven forward osmosis desalination using Semi-IPN hydrogels as reversible draw agents. <i>Water Research</i> , 2013, 47, 3773-3781.	11.3	125
5	A Dual-Responsive Nanocomposite toward Climate-Adaptable Solar Modulation for Energy-Saving Smart Windows. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 6054-6063.	8.0	103
6	Thermochromic Ionogel: A New Class of Stimuli Responsive Materials with Super Cyclic Stability for Solar Modulation. <i>Chemistry of Materials</i> , 2017, 29, 6947-6955.	6.7	88
7	Energy-efficient desalination by forward osmosis using responsive ionic liquid draw solutes. <i>Environmental Science: Water Research and Technology</i> , 2015, 1, 341-347.	2.4	84
8	CO ₂ switchable dual responsive polymers as draw solutes for forward osmosis desalination. <i>Chemical Communications</i> , 2013, 49, 8377.	4.1	82
9	Exploration of using thermally responsive polyionic liquid hydrogels as draw agents in forward osmosis. <i>RSC Advances</i> , 2015, 5, 97143-97150.	3.6	51