

Hannah Roth

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

352
citations

1039406

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h-index

940134

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16
all docs

16
docs citations

16
times ranked

350
citing authors

#	ARTICLE	IF	CITATIONS
1	Tubular carbon nanotube-based gas diffusion electrode removes persistent organic pollutants by a cyclic adsorption â€” Electro-Fenton process. <i>Journal of Hazardous Materials</i> , 2016, 307, 1-6.	6.5	97
2	Dual-Charged Hollow Fiber Membranes for Low-Pressure Nanofiltration Based on Polyelectrolyte Complexes: One-Step Fabrication with Tailored Functionalities. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 19145-19157.	4.0	56
3	Stimuli-Responsive Zwitterionic Coreâ€”Shell Microgels for Antifouling Surface Coatings. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 58223-58238.	4.0	33
4	A microtubular all CNT gas diffusion electrode. <i>Electrochemistry Communications</i> , 2014, 46, 44-47.	2.3	27
5	Chemistry in a spinneret â€” Composite hollow fiber membranes in a single step process. <i>Journal of Membrane Science</i> , 2018, 554, 48-58.	4.1	27
6	Chemistry in a spinneret â€” Sinusoidal-shaped composite hollow fiber membranes. <i>Journal of Membrane Science</i> , 2019, 585, 115-125.	4.1	22
7	Chemistry in a spinneret â€” Formation of hollow fiber membranes with a cross-linked polyelectrolyte separation layer. <i>Journal of Membrane Science</i> , 2020, 612, 118325.	4.1	19
8	Polyelectrolyte Complex Tubular Membranes via a Salt Dilution Induced Phase Inversion Process. <i>Advanced Engineering Materials</i> , 2021, 23, 2001401.	1.6	18
9	Chemistry in a spinneretâ€”Polydopamine functionalized hollow fiber membranes. <i>Journal of Membrane Science</i> , 2022, 648, 120324.	4.1	11
10	Open and dense hollow fiber nanofiltration membranes through a streamlined polyelectrolyte-based spinning process. <i>Journal of Membrane Science</i> , 2022, 644, 120100.	4.1	9
11	Single-step chitosan functionalized membranes for heparinization. <i>Journal of Membrane Science</i> , 2022, 655, 120567.	4.1	9
12	Rotating microstructured spinnerets produce helical ridge membranes to overcome mass transfer limitations. <i>Journal of Membrane Science</i> , 2022, 643, 119988.	4.1	8
13	Rotation-in-a-Spinneret integrates static mixers inside hollow fiber membranes. <i>Journal of Membrane Science</i> , 2022, 656, 120599.	4.1	7
14	Mitigating Water Crossover by Crosslinked Coating of Cationâ€”Exchange Membranes for Brine Concentration. <i>Advanced Materials Technologies</i> , 2021, 6, 2100202.	3.0	6
15	Organosilica coating layer prevents aging of a polymer with intrinsic microporosity. <i>Plasma Processes and Polymers</i> , 2022, 19, .	1.6	2