

# Samuel Faucher

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Critical Knowledge Gaps in Mass Transport through Single-Digit Nanopores: A Review and Perspective. Journal of Physical Chemistry C, 2019, 123, 21309-21326.	3.1	234
2	Combination of Optimization and Metalated-Ligand Exchange: An Effective Approach to Functionalize UiO-66(Zr) MOFs for CO <sub>2</sub> Separation. Chemistry - A European Journal, 2015, 21, 17246-17255.	3.3	82
3	Direct Chemical Vapor Deposition Synthesis of Porous Single-Layer Graphene Membranes with High Gas Permeances and Selectivities. Advanced Materials, 2021, 33, e2104308.	21.0	28
4	Diameter Dependence of Water Filling in Lithographically Segmented Isolated Carbon Nanotubes. ACS Nano, 2021, 15, 2778-2790.	14.6	20
5	A virucidal face mask based on the reverse-flow reactor concept for thermal inactivation of SARS-CoV-2. AIChE Journal, 2021, 67, e17250.	3.6	14
6	Impedance of Thermal Conduction from Nanoconfined Water in Carbon Nanotube Single-Digit Nanopores. Journal of Physical Chemistry C, 2021, 125, 25717-25728.	3.1	2
7	Frontispiece: Combination of Optimization and Metalated-Ligand Exchange: An Effective Approach to Functionalize UiO-66(Zr) MOFs for CO <sub>2</sub> Separation. Chemistry - A European Journal, 2015, 21, n/a-n/a.	3.3	1