

# Maria Sedin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9366572/publications.pdf>

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311  
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#	ARTICLE	IF	CITATIONS
1	Carbon Fibers from Lignin-Cellulose Precursors: Effect of Stabilization Conditions. ACS Sustainable Chemistry and Engineering, 2019, 7, 8440-8448.	6.7	112
2	Carbon Fibers from Lignin-Cellulose Precursors: Effect of Carbonization Conditions. ACS Sustainable Chemistry and Engineering, 2020, 8, 6826-6833.	6.7	53
3	Improved yield of carbon fibres from cellulose and kraft lignin. Holzforschung, 2018, 72, 1007-1016.	1.9	44
4	Filtration properties and skin formation of micro-crystalline cellulose. Separation and Purification Technology, 2012, 96, 139-146.	7.9	17
5	Zeta-potential and local filtration properties: Constitutive relationships for TiO <sub>2</sub> from experimental filtration measurements. Chemical Engineering Science, 2011, 66, 4573-4581.	3.8	15
6	Gravitational drainage of compressible organic materials. AIChE Journal, 2010, 56, 3099-3108.	3.6	14
7	On the local filtration properties of microcrystalline cellulose during dead-end filtration. Chemical Engineering Science, 2012, 72, 51-60.	3.8	14
8	Continuous Stabilization and Carbonization of a Lignin-Cellulose Precursor to Carbon Fiber. ACS Omega, 2022, 7, 16793-16802.	3.5	12
9	Nonlinear filtration behavior of soft particles: Effect of dynamic cake compression. Powder Technology, 2011, 207, 428-436.	4.2	8
10	Local solidosity of microcrystalline cellulose during dead-end filtration and sedimentation. Chemical Engineering Research and Design, 2013, 91, 1155-1162.	5.6	8
11	Predictions of Pair Interaction Potentials between Kraft Lignin Macromolecules in Black Liquors by Utilization of a Modified Poisson-Boltzmann Approach. Industrial & Engineering Chemistry Research, 2019, 58, 3427-3439.	3.7	3
12	Chemical pulping. Nordic Pulp and Paper Research Journal, 2009, 24, 172-182.	0.7	3
13	Filtration of Lignin from a Lignocellulose-Based Ethanol Pilot Plant. Environmental Engineering Science, 2011, 28, 775-779.	1.6	2