

Maria Sedin

List of Publications by Year in descending order

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citations

1163117

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13
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311
citing authors

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