

Anna Lind

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Post combustion carbon capture with supported amine sorbents: From adsorbent characterization to process simulation and optimization. <i>Chemical Engineering Journal</i> , 2021, 406, 127121.	12.7	28
2	Screening Supported Amine Sorbents in the Context of Post-combustion Carbon Capture by Vacuum Swing Adsorption. <i>Chemie-Ingenieur-Technik</i> , 2021, 93, 929-940.	0.8	9
3	Fabrication process parameters significantly affect the perovskite oxygen carriers materials (OCM) performance in chemical looping with oxygen uncoupling (CLOU). <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 140, 577-589.	3.6	11
4	Multi-purpose structured catalysts designed and manufactured by 3D printing. <i>Materials and Design</i> , 2020, 187, 108377.	7.0	31
5	Factors Determining Microporous Material Stability in Water: The Curious Case of SAPO-37. <i>Chemistry of Materials</i> , 2020, 32, 1495-1505.	6.7	15
6	Synthesis and characterization of Al@MOF materials. <i>Materials Chemistry and Physics</i> , 2019, 226, 220-225.	4.0	13
7	The Role of Water during CO ₂ Adsorption by Ca-Based Sorbents at High Temperature. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 2829-2837.	3.7	5
8	In Situ Flow MAS NMR Spectroscopy and Synchrotron PDF Analyses of the Local Response of the Brønsted Acidic Site in SAPO-34 during Hydration at Elevated Temperatures. <i>ChemPhysChem</i> , 2018, 19, 519-528.	2.1	40
9	SAPO-37 microporous catalysts: revealing the structural transformations during template removal. <i>Journal of Lithic Studies</i> , 2017, 3, 79-88.	0.5	5
10	Structural changes in SAPO-34 due to hydrothermal treatment. A NMR, XRD, and DRIFTS study. <i>Microporous and Mesoporous Materials</i> , 2016, 225, 421-431.	4.4	28
11	Nanoporous Intergrowths: How Crystal Growth Dictates Phase Composition and Hierarchical Structure in the CHA/AEI System. <i>Chemistry of Materials</i> , 2015, 27, 4205-4215.	6.7	37
12	In-Situ Atomic Force Microscopy Study of the Dissolution of Nanoporous SAPO-34 and SAPO-18. <i>Journal of Physical Chemistry C</i> , 2015, 119, 27580-27587.	3.1	3
13	CHA/AEI intergrowth materials as catalysts for the Methanol-to-Olefins process. <i>Applied Catalysis A: General</i> , 2015, 505, 1-7.	4.3	46
14	Anatomy of screw dislocations in nanoporous SAPO-18 as revealed by atomic force microscopy. <i>Chemical Communications</i> , 2015, 51, 6218-6221.	4.1	5
15	In-situ XRD Studies of dolomite based CO ₂ sorbents. <i>Energy Procedia</i> , 2014, 63, 2082-2091.	1.8	9
16	Olefin-Paraffin Separation Using Calcium-ETS-4. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 15522-15530.	3.7	17
17	Studies of Ca-based high temperature sorbents for CO ₂ capture. <i>Energy Procedia</i> , 2013, 37, 9-15.	1.8	5
18	Preparation and Characterization of Mn _x O _y -Al ₂ O ₃ Sorbents for H ₂ S Removal from Biomass Gasification Gas. <i>Energy Procedia</i> , 2012, 26, 98-106.	1.8	14

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19	Supported Nanostructured Ir and IrRu Electrocatalysts for Oxygen Evolution in PEM Electrolysers. ECS Transactions, 2011, 35, 271-279.	0.5	18
20	Spray drying of porous alumina support for Fischer-Tropsch catalysis. Studies in Surface Science and Catalysis, 2010, , 685-688.	1.5	3
21	Pore structural characteristics, size exclusion properties and column performance of two mesoporous amorphous silicas and their pseudomorphically transformed MCM-41 type derivatives. Journal of Separation Science, 2007, 30, 3089-3103.	2.5	18
22	Bioactive Glass (S53P4) and Mesoporous MCM-41-Type SiO ₂ ; Adjusting In Vitro Bioactivity of Porous PDLLA. Key Engineering Materials, 2004, 254-256, 557-560.	0.4	2
23	Spherical silica agglomerates possessing hierarchical porosity prepared by spray drying of MCM-41 and MCM-48 nanospheres. Microporous and Mesoporous Materials, 2003, 66, 219-227.	4.4	75
24	Surface Tension of Surfactant Solutions. Journal of Physical Chemistry B, 2003, 107, 7527-7531.	2.6	23
25	Unusual, Vesicle-like Patterned, Mesoscopically Ordered Silica. Chemistry of Materials, 2003, 15, 813-818.	6.7	81
26	Evidence for Vesicle Formation during the Synthesis of Catanionic Templated Mesoscopically Ordered Silica as Studied by Cryo-TEM. Journal of the American Chemical Society, 2003, 125, 652-653.	13.7	75
27	Formation of hierarchically ordered silicas prepared by spray drying of nanosized spheres. Studies in Surface Science and Catalysis, 2002, , 339-346.	1.5	8
28	Controlled Solubilization of Toluene by Silicate-Catanionic Surfactant Mesophases as Studied by in Situ and ex Situ XRD. Langmuir, 2002, 18, 1380-1385.	3.5	41
29	Solubilization of benzene derivatives in silicate-surfactant systems. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2001, 183-185, 415-422.	4.7	8
30	3d-Printing of Adsorbents for Increased Productivity in Carbon Capture Applications (3d-Caps). SSRN Electronic Journal, 0, , .	0.4	1
31	Partial Oxidation of High Entropy Alloys. A Route Towards Nanostructured Ferromagnets?. SSRN Electronic Journal, 0, , .	0.4	0
32	Design, Construction, Adsorbents and Testing of a Moving Bed Temperature Swing Adsorption (MBTSA) Reactor for Post Combustion CO ₂ Capture. SSRN Electronic Journal, 0, , .	0.4	0