Asger B Hansen

List of Publications by Year
in descending order

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43 papers	2,000 citations	257450 24 h-index	276875 41 g-index
43 all docs	43 docs citations	43 times ranked	1756 citing authors

#	Article	IF	Citations
1	Pilot-scale hydrotreating of catalytic fast pyrolysis biocrudes: process performance and product analysis. Sustainable Energy and Fuels, 2021, 5, 4668-4679.	4.9	8
2	Effect of the catalyst in fluid bed catalytic hydropyrolysis. Catalysis Today, 2020, 355, 96-109.	4.4	22
3	Catalytic hydropyrolysis of biomass using supported CoMo catalysts â€“ Effect of metal loading and support acidity. Fuel, 2020, 264, 116807.	6.4	22
4	Enhancing bio-oil quality and energy recovery by atmospheric hydrodeoxygenation of wheat straw pyrolysis vapors using Pt and Mo-based catalysts. Sustainable Energy and Fuels, 2020, 4, 1991-2008.	4.9	35
5	Deoxygenation of wheat straw fast pyrolysis vapors over Na-Al2O3 catalyst for production of bio-oil with low acidity. Chemical Engineering Journal, 2020, 394, 124878.	12.7	31
6	Catalytic Hydropyrolysis of Biomass Using Molybdenum Sulfide Based Catalyst. Effect of Promoters. Energy & Fuels, 2019, 33, 1302-1313.	5.1	24
7	New insights into the effect of pressure on catalytic hydropyrolysis of biomass. Fuel Processing Technology, 2019, 193, 392-403.	7.2	25
8	Liquefaction of Lignosulfonate in Supercritical Ethanol Using Alumina-Supported NiMo Catalyst. Energy & Fuels, 2019, 33, 1196-1209.	5.1	11
9	Complementary Analysis of the Water-Soluble and Water-Insoluble Fraction of Catalytic Fast Pyrolysis Biocrudes by Two-Dimensional Gas Chromatography. Energy & Fuels, 2018, 32, 5960-5968.	5.1	7
10	Hydrogen assisted catalytic biomass pyrolysis. Effect of temperature and pressure. Biomass and Bioenergy, 2018, 115, 97-107.	5.7	35
11	CEN methodology for oil spill identification. , 2016, , 685-728.		7
12	Pixel-Based Analysis of Comprehensive Two-Dimensional Gas Chromatograms (Color Plots) of Petroleum: A Tutorial. Analytical Chemistry, 2014, 86, 7160-7170.	6.5	25
13	Metals and organotins in multiple bivalve species in a one-off global survey. Journal of Environmental Monitoring, 2011, 13, 1793.	2.1	11
14	Polychlorinated biphenyls, organochlorine pesticides and polycyclic aromatic hydrocarbons in a one-off global survey of bivalves. Journal of Environmental Monitoring, 2010, 12, 1141.	2.1	25
15	Assessment of oil weathering by gas chromatographyâ€“mass spectrometry, time warping and principal component analysis. Journal of Chromatography A, 2007, 1164, 262-270.	3.7	38
16	Emerging CEN methodology for oil spill identification. , 2007, , 229-256.		14
17	Chromatographic preprocessing of GCâ€“MS data for analysis of complex chemical mixtures. Journal of Chromatography A, 2005, 1062, 113-123.	3.7	52
18	Multivariate statistical methods for evaluating biodegradation of mineral oil. Journal of Chromatography A, 2005, 1090, 133-145.	3.7	51

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19	Chemical Fingerprinting of Petroleum Biomarkers Using Time Warping and PCA. Environmental Science & Technology, 2005, 39, 255-260.	10.0	90
20	Characterization and Matching of Oil Samples Using Fluorescence Spectroscopy and Parallel Factor Analysis. Analytical Chemistry, 2005, 77, 2210-2217.	6.5	131
21	Characterization, Weathering, and Application of Sesquiterpanes to Source Identification of Spilled Lighter Petroleum Products. Environmental Science & Technology, 2005, 39, 8700-8707.	10.0	97
22	Integrated Methodology for Forensic Oil Spill Identification. Environmental Science & Technology, 2004, 38, 2912-2918.	10.0	96
23	Round Robin Study--Oil Spill Identification. Environmental Forensics, 2002, 3, 279-291.	2.6	30
24	Improved and Standardized Methodology for Oil Spill Fingerprinting. Environmental Forensics, 2002, 3, 263-278.	2.6	116
25	Round Robin Studyâ€"Oil Spill Identification. Environmental Forensics, 2002, 3, 279-291.	2.6	4
26	Improved and Standardized Methodology for Oil Spill Fingerprinting. Environmental Forensics, 2002, 3, 263-278.	2.6	24
27	Benzene exposure and the effect of traffic pollution in Copenhagen, Denmark. Atmospheric Environment, 2001, 35, 2463-2471.	4.1	65
28	Benzene emission from the actual car fleet in relation to petrol composition in Denmark. Atmospheric Environment, 2001, 35, 35-42.	4.1	23
29	Transport of creosote compounds in a large, intact, macroporous clayey till column. Journal of Contaminant Hydrology, 1999, 39, 309-329.	3.3	29
30	Transport and biodegradation of creosote compounds in a large, intact, fractured clayey till column. Journal of Contaminant Hydrology, 1999, 39, 331-348.	3.3	19
31	Particulate organic nitrates. Atmospheric Environment, 1998, 32, 2601-2608.	4.1	24
32	Heteroaromatic compounds and their biodegradation products in creosoteâ€€contaminated groundwater. Toxicological and Environmental Chemistry, 1998, 66, 195-228.	1.2	13
33	Identification of Heteroaromatic and other Organic Compounds in Ground Water at Creosoteâ€€Contaminated Sites in Denmark. Ground Water Monitoring and Remediation, 1997, 17, 106-115.	0.8	53
34	Metabolic pathways of quinoline, indole and their methylated analogs by Desulfobacterium indolicum (DSM 3383). Applied Microbiology and Biotechnology, 1997, 47, 292-300.	3.6	59
35	Degradation pathway of quinolines in a biofilm system under denitrifying conditions. Environmental Toxicology and Chemistry, 1997, 16, 1821-1828.	4.3	22
36	VOC air pollutants in Copenhagen. Science of the Total Environment, 1996, 189-190, 451-457.	8.0	53

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37	Method development for trace analysis of heteroaromatic compounds in contaminated groundwater. Journal of Chromatography A, 1996, 738, 295-304.	3.7	23
38	Wax precipitation from North Sea crude oils: 1. Crystallization and dissolution temperatures, and Newtonian and non-Newtonian flow properties. [Erratum to document cited in CA115(22):235975d]. Energy & Fuels, 1992, 6, 870-870.	5.1	2
39	Wax precipitation from North Sea crude oils: 1. Crystallization and dissolution temperatures, and Newtonian and non-Newtonian flow properties. Energy & Fuels, 1991, 5, 895-908.	5.1	318
40	Wax precipitation from North Sea crude oils. 3. Precipitation and dissolution of wax studied by differential scanning calorimetry. Energy & Fuels, 1991, 5, 914-923.	5.1	132
41	Wax precipitation from North Sea crude oils. 2. Solid-phase content as function of temperature determined by pulsed NMR. Energy & Fuels, 1991, 5, 908-913.	5.1	116
42	ELEMENTAL COMPOSITION OF AIRBORNE DUST IN THE SHALE SHAKER HOUSE DURING AN OFFSHORE DRILLING OPERATION. Annals of Occupational Hygiene, 1991, 35, 651-7.	1.9	7
43	Chemical Feasibility Studies Concerning Potential Prodrugs of Acetylsalicylic Acid.. Acta Chemica Scandinavica, 1983, 37b, 351-359.	0.7	11