

Svetlana Rudyk

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

339
citations

759233

12
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

311
citing authors

#	ARTICLE	IF	CITATIONS
1	Relationships between SARA fractions of conventional oil, heavy oil, natural bitumen and residues. Fuel, 2018, 216, 330-340.	6.4	64
2	Supercritical extraction of crude oil by methanol- and ethanol-modified carbon dioxide. Journal of Supercritical Fluids, 2013, 78, 63-69.	3.2	42
3	Upgrading and extraction of bitumen from Nigerian tar sand by supercritical carbon dioxide. Applied Energy, 2014, 113, 1397-1404.	10.1	32
4	Supercritical carbon dioxide extraction of oil sand enhanced by water and alcohols as Co-solvents. Journal of CO2 Utilization, 2017, 17, 90-98.	6.8	26
5	Application of GC-MS chromatography for the analysis of the oil fractions extracted by supercritical CO2 at high pressure. Fuel, 2013, 106, 139-146.	6.4	24
6	The Bitumen Upgrading of Nigerian Oil Sand by Supercritical Carbon Dioxide Modified with Alcohols. Energy & Fuels, 2014, 28, 4714-4724.	5.1	20
7	Effect of co-solvents on SC-CO2 extraction of crude oil by consistency test. Journal of Supercritical Fluids, 2014, 91, 15-23.	3.2	19
8	Effect of RegenOx Oxidant As a Modifier on Crude Oil Extraction by Supercritical Carbon Dioxide. Energy & Fuels, 2013, 27, 1492-1498.	5.1	18
9	Modelling of microbial enhanced oil recovery application using anaerobic gas-producing bacteria. Petroleum Science, 2014, 11, 272-278.	4.9	17
10	Determination of saturation pressures using experimental data of modified SC-CO2 extraction of crude oil by consistency test. Journal of Supercritical Fluids, 2013, 82, 63-71.	3.2	14
11	Testing of Snorre Field Foam Assisted Water Alternating Gas (FAWAG) Performance in New Foam Screening Model. Oil and Gas Science and Technology, 2015, 70, 1025-1033.	1.4	13
12	Saturation-Height Model of Omani deep tight gas reservoir. Journal of Natural Gas Science and Engineering, 2015, 27, 1821-1833.	4.4	13
13	Vaporization of Crude Oil by Supercritical CO ₂ at Different Temperatures and Pressures: Example from Gorm Field in the Danish North Sea. Energy & Fuels, 2017, 31, 6274-6283.	5.1	13
14	Three-Dimensional Scheme of Supercritical Carbon Dioxide Extraction of Heavy Hydrocarbon Mixture in (Pressure; Temperature; Recovery) Coordinates. Energy & Fuels, 2013, 27, 5996-6001.	5.1	8
15	Temperature effect on extraction and purification of used motor oil by supercritical carbon dioxide. Journal of Supercritical Fluids, 2017, 128, 291-299.	3.2	7
16	Effects of water salinity on the foam dynamics for EOR application. Journal of Petroleum Exploration and Production, 2021, 11, 3321-3332.	2.4	5
17	Fluid distribution in a tight gas reservoir using the saturation-height model. Energy and Climate Change, 2021, 2, 100030.	4.4	3
18	Novel Foaming Agent Based on Waterborne Polyurethane for Foam-Assisted Enhanced Oil Recovery. Energy & Fuels, 2022, 36, 2572-2581.	5.1	1

#	ARTICLE	IF	CITATIONS
19	Recovery of viscous and heavy oil by CO2-saturated brine. Energy and Climate Change, 2020, 1, 100009.	4.4	0