

# Svetlana Rudyk

## List of Publications by Year in descending order

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19  
papers

339  
citations

759233

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839539

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g-index

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all docs

19  
docs citations

19  
times ranked

311  
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel Foaming Agent Based on Waterborne Polyurethane for Foam-Assisted Enhanced Oil Recovery. Energy & Fuels, 2022, 36, 2572-2581.	5.1	1
2	Effects of water salinity on the foam dynamics for EOR application. Journal of Petroleum Exploration and Production, 2021, 11, 3321-3332.	2.4	5
3	Fluid distribution in a tight gas reservoir using the saturation-height model. Energy and Climate Change, 2021, 2, 100030.	4.4	3
4	Recovery of viscous and heavy oil by CO <sub>2</sub> -saturated brine. Energy and Climate Change, 2020, 1, 100009.	4.4	0
5	Relationships between SARA fractions of conventional oil, heavy oil, natural bitumen and residues. Fuel, 2018, 216, 330-340.	6.4	64
6	Vaporization of Crude Oil by Supercritical CO <sub>2</sub> at Different Temperatures and Pressures: Example from Gorm Field in the Danish North Sea. Energy & Fuels, 2017, 31, 6274-6283.	5.1	13
7	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
8	Supercritical carbon dioxide extraction of oil sand enhanced by water and alcohols as Co-solvents. Journal of CO <sub>2</sub> Utilization, 2017, 17, 90-98.	6.8	26
9	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
10	Saturation-Height Model of Omani deep tight gas reservoir. Journal of Natural Gas Science and Engineering, 2015, 27, 1821-1833.	4.4	13
11	Upgrading and extraction of bitumen from Nigerian tar sand by supercritical carbon dioxide. Applied Energy, 2014, 113, 1397-1404.	10.1	32
12	Effect of co-solvents on SC-CO <sub>2</sub> extraction of crude oil by consistency test. Journal of Supercritical Fluids, 2014, 91, 15-23.	3.2	19
13	The Bitumen Upgrading of Nigerian Oil Sand by Supercritical Carbon Dioxide Modified with Alcohols. Energy & Fuels, 2014, 28, 4714-4724.	5.1	20
14	Modelling of microbial enhanced oil recovery application using anaerobic gas-producing bacteria. Petroleum Science, 2014, 11, 272-278.	4.9	17
15	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
16	Determination of saturation pressures using experimental data of modified SC-CO <sub>2</sub> extraction of crude oil by consistency test. Journal of Supercritical Fluids, 2013, 82, 63-71.	3.2	14
17	Supercritical extraction of crude oil by methanol- and ethanol-modified carbon dioxide. Journal of Supercritical Fluids, 2013, 78, 63-69.	3.2	42
18	Application of GC-MS chromatography for the analysis of the oil fractions extracted by supercritical CO <sub>2</sub> at high pressure. Fuel, 2013, 106, 139-146.	6.4	24

#	ARTICLE	IF	CITATIONS
19	Effect of RegenOx Oxidant As a Modifier on Crude Oil Extraction by Supercritical Carbon Dioxide. Energy & Fuels, 2013, 27, 1492-1498.	5.1	18