

# Siyuan Huang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7070812/publications.pdf>

Version: 2024-02-01

16  
papers

249  
citations

933447

10  
h-index

996975

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

88  
citing authors

#	ARTICLE	IF	CITATIONS
1	An innovative method to build a comprehensive kinetic model for air injection using TGA/DSC experiments. <i>Fuel</i> , 2017, 210, 98-106.	6.4	39
2	The application of N <sub>2</sub> huff and puff for IOR in fracture-vuggy carbonate reservoir. <i>Fuel</i> , 2018, 234, 1507-1517.	6.4	29
3	Research on oxidation kinetics of tight oil from Wolfcamp field. <i>Petroleum Science and Technology</i> , 2016, 34, 903-910.	1.5	26
4	Discussion of thermal experimentsâ€™ capability to screen the feasibility of air injection. <i>Fuel</i> , 2017, 195, 151-164.	6.4	22
5	Feasibility of spontaneous ignition during air injection in light oil reservoirs. <i>Fuel</i> , 2018, 226, 698-708.	6.4	20
6	Experimental study of hydrogen generation from in-situ heavy oil gasification. <i>Fuel</i> , 2022, 313, 122640.	6.4	19
7	Experimental and analytical study of oxygen consumption during air injection in shale oil reservoirs. <i>Fuel</i> , 2020, 262, 116462.	6.4	18
8	A practical method to obtain kinetic data from TGA (thermogravimetric analysis) experiments to build an air injection model for enhanced oil recovery. <i>Fuel</i> , 2017, 206, 199-209.	6.4	17
9	Experimental Investigation of Enhanced Oil Recovery Mechanisms of Air Injection under a Low-Temperature Oxidation Process: Thermal Effect and Residual Oil Recovery Efficiency. <i>Energy &amp; Fuels</i> , 2018, 32, 6774-6781.	5.1	13
10	Exothermicity and oxidation behavior of tight oil with cuttings from the Wolfcamp shale reservoir. <i>Petroleum Science and Technology</i> , 2016, 34, 1735-1741.	1.5	12
11	Effect of Nanopore Confinement on Crude Oil Thermal-Oxidative Behavior. <i>Energy &amp; Fuels</i> , 2018, 32, 9322-9329.	5.1	9
12	Effect of shale core on combustion reactions of tight oil from Wolfcamp reservoir. <i>Petroleum Science and Technology</i> , 2016, 34, 1172-1179.	1.5	8
13	Three-dimensional discrete network modeling of structural fractures based on the geometric restoration of structure surface: Methodology and its application. <i>Journal of Petroleum Science and Engineering</i> , 2018, 161, 417-426.	4.2	8
14	Screening of Spontaneous Ignition Feasibility During Air Injection EOR Process Based on Thermal Experiments. <i>Energies</i> , 2019, 12, 3687.	3.1	7
15	Experimental and Mechanism Study on Crude Oil Spontaneous Ignition during the Air Injection Process. <i>Energy &amp; Fuels</i> , 2020, 34, 7076-7084.	5.1	2
16	Experimental and Mechanism Study of Superheated SAGD vs. Conventional SAGD Technique: A Cost-Effective Scheme for Superheated SAGD. <i>Geofluids</i> , 2022, 2022, 1-21.	0.7	0