

# Hu Qiaobo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/569763/publications.pdf>

Version: 2024-02-01

13  
papers

158  
citations

1307594

7  
h-index

1281871

11  
g-index

13  
all docs

13  
docs citations

13  
times ranked

127  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of drillpipe rotation on cuttings transport using computational fluid dynamics (CFD) in complex structure wells. <i>Journal of Petroleum Exploration and Production</i> , 2014, 4, 255-261.	2.4	46
2	Numerical investigation on horizontal wellbore hole cleaning with a four-lobed drill pipe using CFD-DEM method. <i>Powder Technology</i> , 2020, 375, 249-261.	4.2	28
3	Study on the mechanisms of refracturing technology featuring temporary plug for fracturing fluid diversion in tight sandstone reservoirs. <i>Energy Science and Engineering</i> , 2019, 7, 88-97.	4.0	24
4	Experimental study on micron-sized sand particles transport in the water flow path of hydrates production wellbore. <i>Journal of Natural Gas Science and Engineering</i> , 2020, 73, 103088.	4.4	19
5	Investigation on horizontal and deviated wellbore cleanout by hole cleaning device using <sc>CFD</sc> approach. <i>Energy Science and Engineering</i> , 2019, 7, 1292-1305.	4.0	11
6	A novel prediction model for cuttings bed height in horizontal and deviated wells. <i>Journal of Natural Gas Science and Engineering</i> , 2021, 95, 104192.	4.4	10
7	Decaying Swirl Flow and Particle Behavior through the Hole Cleaning Device for Horizontal Drilling of Fossil Fuel. <i>Energies</i> , 2019, 12, 336.	3.1	7
8	Numerical evaluation on the decaying swirling flow in a multi-lobed swirl generator. <i>Engineering Applications of Computational Fluid Mechanics</i> , 2020, 14, 1198-1214.	3.1	5
9	Numerical Simulation of Effective Hole Cleaning by Using an Innovative Elliptical Drillpipe in Horizontal Wellbore. <i>Energies</i> , 2022, 15, 399.	3.1	5
10	Numerical Simulation of the Effects of the Helical Angle on the Decaying Swirl Flow of the Hole Cleaning Device. <i>Processes</i> , 2019, 7, 109.	2.8	2
11	A magnetic torque optimization method for a hydraulic “ magnetic coupling-drive cuttings cleaning tool. <i>Natural Gas Industry B</i> , 2019, 6, 374-383.	3.4	1
12	Determination of gas & liquid two-phase flow regime transitions in wellbore annulus by virtual mass force coefficient when gas cut. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	0
13	Research on torque of based hydraulic rotary hole cleaning tool on Halbach permanent magnet array. <i>Journal of Petroleum Science and Engineering</i> , 2021, 201, 108520.	4.2	0