

Mazda Irani

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11586830/publications.pdf>

Version: 2024-02-01

35
papers

354
citations

933447

10
h-index

888059

17
g-index

35
all docs

35
docs citations

35
times ranked

104
citing authors

#	ARTICLE	IF	CITATIONS
1	Understanding the Heat-Transfer Mechanism in the Steam-Assisted Gravity-Drainage (SAGD) Process and Comparing the Conduction and Convection Flux in Bitumen Reservoirs. SPE Journal, 2013, 18, 134-145.	3.1	72
2	Understanding the Convection Heat-Transfer Mechanism in the Steam-Assisted-Gravity-Drainage Process. SPE Journal, 2013, 18, 1202-1216.	3.1	30
3	Discussion on the Effects of Temperature on Thermal Properties in the Steam-Assisted-Gravity-Drainage (SAGD) Process. Part 1: Thermal Conductivity. SPE Journal, 2016, 21, 334-352.	3.1	28
4	A Comprehensive Review Heavy Oil Reservoirs, Latest Techniques, Discoveries, Technologies and Applications in the Oil and Gas Industry. , 2018, , .		24
5	On Subcool Control in Steam-Assisted-Gravity-Drainage Producersâ€™ Part I: Stability Envelopes. SPE Journal, 2018, 23, 841-867.	3.1	22
6	Overview of Performance and Analytical Modeling Techniques for Electromagnetic Heating and Applications to Steam-Assisted-Gravity-Drainage Process Startup. SPE Journal, 2016, 21, 311-333.	3.1	17
7	On Subcool Control in SAGD Producersâ€™ Part II: Localized-Hot-Spots Effects and Optimization of Flow-Control Devices. SPE Journal, 2019, 24, 1613-1629.	3.1	14
8	On Subcool Control in the SAGD Producersâ€™ Part III: Efficiency of Subcool Trapping in the Nsolv Process. SPE Journal, 2018, 23, 1957-1976.	3.1	13
9	On the Stability of the Edge of a Steam-Assisted-Gravity-Drainage Steam Chamber. SPE Journal, 2014, 19, 280-288.	3.1	12
10	Production Optimization through Intelligent Wells in Steam Trapping in SAGD Operations. , 2019, , .		12
11	Modeling the Conformance Improvement Using Flow Control Devices in Infill Wells Adjacent to SAGD Well Pairs: No Flashing. SPE Journal, 2020, 25, 800-819.	3.1	12
12	Horizontal producers deliverability in SAGD and solvent aided-SAGD processes: Pure and partial solvent injection. Fuel, 2021, 294, 120363.	6.4	11
13	Understanding the Steam-Hammer Mechanism in Steam-Assisted-Gravity-Drainage Wells. SPE Journal, 2013, 18, 1181-1201.	3.1	10
14	Induction and Radio Frequency Heating Strategies for Steam-Assisted Gravity Drainage Start-Up Phase. , 2014, , .		10
15	On Temperature-Falloff Interpretation in the Circulation Phase of the Steam-Assisted-Gravity-Drainage Process. SPE Journal, 2019, 24, 1002-1015.	3.1	8
16	Understanding the Impact of Temperature-Dependent Thermal Conductivity on the Steam-Assisted Gravity-Drainage (SAGD) Process. Part 1: Temperature Front Prediction. , 2014, , .		7
17	On Subcool Control in the SAGD Producers. Part II: Localized Hot Spots Effects and Optimization of Flow-Control-Devices. , 2018, , .		7
18	Analysis of the Performance of Various Well Liner Completion Strategies in Surmont. , 2021, , .		7

#	ARTICLE	IF	CITATIONS
19	Evaluation of Induced Thermal Pressurization in Clearwater Shale Caprock in Electromagnetic Steam-Assisted Gravity-Drainage Projects. SPE Journal, 2014, 19, 443-462.	3.1	6
20	Control of gas cresting/coning in horizontal wells with tubing-deployed inflow control devices. Fuel, 2021, 293, 120328.	6.4	6
21	Oil-Rate Prediction Model for the Ramp-Up Phase of a Steam-Assisted-Gravity-Drainage Process: Stability Approach. SPE Journal, 2019, 24, 1016-1036.	3.1	5
22	Predicting Geomechanical Dynamics of the Steam-Assisted-Gravity-Drainage Process. Part I: Mohr-Coulomb (MC) Dilative Model. SPE Journal, 2018, 23, 1223-1247.	3.1	3
23	On Temperature Fall-Off Interpretation in Circulation Phase of Steam-Assisted Gravity Drainage Process. , 2018, , .		3
24	Inflow Control Devices Placement: A Computational Fluid Dynamics Approach. SPE Journal, 2022, 27, 1562-1576.	3.1	3
25	Understanding the Thermo-Hydromechanical Pressurization in Two-Phase (Steam/Water) Flow and Its Application in Low-Permeability Caprock Formations in Steam-Assisted-Gravity-Drainage Projects. SPE Journal, 2014, 19, 1126-1150.	3.1	2
26	Equilibrium Analysis of Desiccated Zone Growth during Radio-Frequency Heating. , 2018, , .		2
27	Investigating the Performance of Various FCD Geometries for SAGD Applications. , 2021, , .		2
28	Performance Analysis of Infill Wells Adjacent to SAGD Well Pair: Non-Condensable Gas NCG Breakthrough. , 2021, , .		2
29	Scale Up of Pore-Network Models into Reservoir Scale: Optimization of Inflow Control Devices Placement. SPE Journal, 2021, , 1-18.	3.1	2
30	On Thermodynamics of Undrained Zone in SAGD Process. , 2014, , .		1
31	A Novel Failure Mangement Framework for SAGD Well Integrity. , 2016, , .		1
32	Drained/Undrained Zones Boundary in Steam-Assisted Gravity Drainage Process. , 2015, , .		0
33	A Method to Calculate In-situ Water Relative-Permeability Using the Response at Observation Well Adjacent To Steam-Assisted-Gravity-Drainage Well-Pairs. , 2015, , .		0
34	Introduction of Steam-Assisted Gravity-Drainage Oil Rate Prediction Using the 5-LINE Model. , 2020, , .		0
35	Productivity Index for SAGD Producers During Steam-Flashing: Coning Model I and II. , 2020, , .		0