

# Samuel Scott

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1248890/publications.pdf>

Version: 2024-02-01

12  
papers

393  
citations

933447

10  
h-index

1199594

12  
g-index

14  
all docs

14  
docs citations

14  
times ranked

447  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bayesian Calibration of a Natural State Geothermal Reservoir Model, Krafla, North Iceland. <i>Water Resources Research</i> , 2022, 58, .	4.2	3
2	Geological controls on geothermal resources for power generation. <i>Nature Reviews Earth &amp; Environment</i> , 2021, 2, 324-339.	29.7	82
3	Decompression boiling and natural steam cap formation in high-enthalpy geothermal systems. <i>Journal of Volcanology and Geothermal Research</i> , 2020, 395, 106765.	2.1	12
4	Supercritical fluids around magmatic intrusions: IDDP-1 at Krafla, Iceland. <i>Geothermics</i> , 2019, 78, 101-110.	3.4	20
5	A probabilistic geologic model of the Krafla geothermal system constrained by gravimetric data. <i>Geothermal Energy</i> , 2019, 7, .	1.9	16
6	Multiple stable isotope fronts during non-isothermal fluid flow. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 223, 537-557.	3.9	4
7	Permeability Changes Resulting from Quartz Precipitation and Dissolution around Upper Crustal Intrusions. <i>Geofluids</i> , 2018, 2018, 1-19.	0.7	24
8	Boiling and condensation of saline geothermal fluids above magmatic intrusions. <i>Geophysical Research Letters</i> , 2017, 44, 1696-1705.	4.0	41
9	The thermal structure and temporal evolution of high-enthalpy geothermal systems. <i>Geothermics</i> , 2016, 62, 33-47.	3.4	46
10	Geologic controls on supercritical geothermal resources above magmatic intrusions. <i>Nature Communications</i> , 2015, 6, 7837.	12.8	100
11	Volumetric Properties of Mixed Electrolyte Aqueous Solutions at Elevated Temperatures and Pressures. The Systems $\text{CaCl}_2$ - $\text{NaCl}$ - $\text{H}_2\text{O}$ and $\text{MgCl}_2$ - $\text{NaCl}$ - $\text{H}_2\text{O}$ to 523.15 K, 70 MPa, and Ionic Strength from (0.1 to 18) $\text{mol}\cdot\text{kg}^{-1}$ . <i>Journal of Chemical &amp; Engineering Data</i> , 2014, 59, 2570-2588.	1.9	13
12	Gas chemistry, boiling and phase segregation in a geothermal system, Hellisheidi, Iceland. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 124, 170-189.	3.9	32