

# Neil M Burnside

## List of Publications by Year in descending order

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27  
papers

707  
citations

858243

12  
h-index

651938

25  
g-index

28  
all docs

28  
docs citations

28  
times ranked

906  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sulphur isotopes in deep groundwater reservoirs: Evidence from post-stimulation flowback at the Pohang geothermal facility, Korea. <i>Geothermics</i> , 2021, 91, 102003.	1.5	2
2	Permeability and Mineralogy of the Ášjfalú Formation, Hungary, from Production Tests and Experimental Rock Characterization: Implications for Geothermal Heat Projects. <i>Energies</i> , 2021, 14, 4332.	1.6	3
3	Geothermal energy resources in Ethiopia: Status review and insights from hydrochemistry of surface and groundwaters. <i>Wiley Interdisciplinary Reviews: Water</i> , 2021, 8, e1554.	2.8	11
4	A Review of the Performance of Minewater Heating and Cooling Systems. <i>Energies</i> , 2021, 14, 6215.	1.6	18
5	Roadblocks to Low Temperature District Heating. <i>Energies</i> , 2020, 13, 5893.	1.6	10
6	On the common occurrence of sulphate with elevated $\delta^{34}\text{S}$ in European mine waters: Sulphides, evaporites or seawater?. <i>International Journal of Coal Geology</i> , 2020, 232, 103619.	1.9	13
7	A combined pumping test and heat extraction/recirculation trial in an abandoned haematite ore mine shaft, Egremont, Cumbria, UK. <i>Sustainable Water Resources Management</i> , 2019, 5, 51-69.	1.0	8
8	Fault "Corrosion" by Fluid Injection: A Potential Cause of the November 2017 $M=5.5$ Korean Earthquake. <i>Geofluids</i> , 2019, 2019, 1-23.	0.3	18
9	An Investigation into the Limitations of Low Temperature District Heating on Traditional Tenement Buildings in Scotland. <i>Energies</i> , 2019, 12, 2603.	1.6	8
10	Rapid water-rock interactions evidenced by hydrochemical evolution of flowback fluid during hydraulic stimulation of a deep geothermal borehole in granodiorite: Pohang, Korea. <i>Applied Geochemistry</i> , 2019, 111, 104445.	1.4	8
11	Surface and groundwater hydrochemistry in the mid-Gregory Rift, Kenya: first impressions and potential implications for geothermal systems. <i>E3S Web of Conferences</i> , 2019, 98, 07004.	0.2	0
12	Exponential trends in flowback chemistry from a hydraulically stimulated deep geothermal borehole in granite; Pohang, South Korea. <i>E3S Web of Conferences</i> , 2019, 98, 08001.	0.2	0
13	Surface and Groundwater Hydrochemistry of the Menengai Caldera Geothermal Field and Surrounding Nakuru County, Kenya. <i>Energies</i> , 2019, 12, 3131.	1.6	9
14	420,000 year assessment of fault leakage rates shows geological carbon storage is secure. <i>Scientific Reports</i> , 2019, 9, 769.	1.6	34
15	Baseline groundwater monitoring for shale gas extraction: definition of baseline conditions and recommendations from a real site (Wysin, Northern Poland). <i>Acta Geophysica</i> , 2019, 67, 365-384.	1.0	8
16	District Heating Challenges for the UK. <i>Energies</i> , 2019, 12, 310.	1.6	37
17	Digging deeper: The influence of historical mining on Glasgow's subsurface thermal state to inform geothermal research. <i>Scottish Journal of Geology</i> , 2019, 55, 107-123.	0.1	7
18	A Review of the Hydrochemistry of a Deep Sedimentary Aquifer and Its Consequences for Geothermal Operation: Klaipeda, Lithuania. <i>Geofluids</i> , 2019, 2019, 1-20.	0.3	12

#	ARTICLE	IF	CITATIONS
19	Water from abandoned mines as a heat source: practical experiences of open- and closed-loop strategies, United Kingdom. Sustainable Water Resources Management, 2019, 5, 29-50.	1.0	47
20	Hydrochemical characterization of a mine water geothermal energy resource in NW Spain. Science of the Total Environment, 2017, 576, 59-69.	3.9	47
21	Sustainability of thermal energy production at the flooded mine workings of the former Caphouse Colliery, Yorkshire, United Kingdom. International Journal of Coal Geology, 2016, 164, 85-91.	1.9	40
22	Hydrochemistry and stable isotopes as tools for understanding the sustainability of minewater geothermal energy production from a "standing column"™ heat pump system: Markham Colliery, Bolsover, Derbyshire, UK. International Journal of Coal Geology, 2016, 165, 223-230.	1.9	32
23	Preliminary investigation on temperature, chemistry and isotopes of mine water pumped in Bytom geological basin (USCB Poland) as a potential geothermal energy source. International Journal of Coal Geology, 2016, 164, 104-114.	1.9	21
24	Review and implications of relative permeability of CO <sub>2</sub> /brine systems and residual trapping of CO <sub>2</sub> . International Journal of Greenhouse Gas Control, 2014, 23, 1-11.	2.3	131
25	QICS Work Package 1: Migration and Trapping of CO <sub>2</sub> from a Reservoir to the Seabed or Land Surface. Energy Procedia, 2013, 37, 4673-4681.	1.8	1
26	Man-made versus natural CO <sub>2</sub> leakage: A 400 k.y. history of an analogue for engineered geological storage of CO <sub>2</sub> . Geology, 2013, 41, 471-474.	2.0	81
27	Pulses of carbon dioxide emissions from intracrustal faults following climatic warming. Nature Geoscience, 2012, 5, 352-358.	5.4	101