

# A T Fisher

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

1,724  
citations

361045

20  
h-index

580395

25  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1011  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrothermal recharge and discharge across 50 km guided by seamounts on a young ridge flank. <i>Nature</i> , 2003, 421, 618-621.	13.7	224
2	Channelized fluid flow in oceanic crust reconciles heat-flow and permeability data. <i>Nature</i> , 2000, 403, 71-74.	13.7	213
3	Abrupt thermal transition reveals hydrothermal boundary and role of seamounts within the Cocos Plate. <i>Geophysical Research Letters</i> , 2003, 30, .	1.5	132
4	Regional heat flow variations across the sedimented Juan de Fuca Ridge eastern flank: Constraints on lithospheric cooling and lateral hydrothermal heat transport. <i>Journal of Geophysical Research</i> , 1999, 104, 17675-17688.	3.3	127
5	Large heat and fluid fluxes driven through mid-plate outcrops on ocean crust. <i>Nature Geoscience</i> , 2008, 1, 611-614.	5.4	118
6	Passive, off-axis convection through the southern flank of the Costa Rica Rift. <i>Journal of Geophysical Research</i> , 1990, 95, 9343-9370.	3.3	95
7	Marine hydrogeology: recent accomplishments and future opportunities. <i>Hydrogeology Journal</i> , 2005, 13, 69-97.	0.9	90
8	Hydrothermal recharge and discharge guided by basement outcrops on 0.7-3.6 Ma seafloor east of the Juan de Fuca Ridge: Observations and numerical models. <i>Geochemistry, Geophysics, Geosystems</i> , 2006, 7, n/a-n/a.	1.0	87
9	The permeability of young oceanic crust east of Juan de Fuca Ridge Determined using borehole thermal measurements. <i>Geophysical Research Letters</i> , 1997, 24, 1311-1314.	1.5	76
10	Off-axis hydrothermal circulation: Parametric tests of a refined model of processes at Deep Sea Drilling Project/Ocean Drilling Program site 504. <i>Journal of Geophysical Research</i> , 1994, 99, 3097-3121.	3.3	71
11	Borehole to borehole hydrologic response across 2.4 km in the upper oceanic crust: Implications for crustal scale properties. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	63
12	Provenance, Stratigraphic Architecture, and Hydrogeologic Influence of Turbidites on the Mid-Ocean Ridge Flank of Northwestern Cascadia Basin, Pacific Ocean. <i>Journal of Sedimentary Research</i> , 2005, 75, 149-164.	0.8	56
13	Borehole packer tests at multiple depths resolve distinct hydrologic intervals in 3.5 Ma upper oceanic crust on the eastern flank of Juan de Fuca Ridge. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	49
14	Models of hydrothermal circulation within 106 Ma seafloor: Constraints on the vigor of fluid circulation and crustal properties, below the Madeira Abyssal Plain. <i>Geochemistry, Geophysics, Geosystems</i> , 2005, 6, n/a-n/a.	1.0	47
15	Hydrothermal circulation within topographically rough basaltic basement on the Juan de Fuca Ridge flank. <i>Geochemistry, Geophysics, Geosystems</i> , 2004, 5, n/a-n/a.	1.0	46
16	Influence of sedimentation, local and regional hydrothermal circulation, and thermal rebound on measurements of seafloor heat flux. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	41
17	Coupling distributed stormwater collection and managed aquifer recharge: Field application and implications. <i>Journal of Environmental Management</i> , 2017, 200, 366-379.	3.8	40
18	Rapid nutrient load reduction during infiltration of managed aquifer recharge in an agricultural groundwater basin: Pajaro Valley, California. <i>Hydrological Processes</i> , 2012, 26, 2235-2247.	1.1	38

#	ARTICLE	IF	CITATIONS
19	Three-dimensional modeling of outcrop-to-outcrop hydrothermal circulation on the eastern flank of the Juan de Fuca Ridge. <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 1365-1382.	1.4	27
20	Using seafloor heat flow as a tracer to map seafloor fluid flow in the ocean crust. <i>Geofluids</i> , 2010, 10, 142-160.	0.3	24
21	Hydrothermal seepage patterns above a buried basement ridge, eastern flank of the Juan de Fuca Ridge. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	19
22	Characterizing borehole fluid flow and formation permeability in the ocean crust using linked analytic models and Markov chain Monte Carlo analysis. <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 3857-3874.	1.0	19
23	Physical properties of young (3.5 Ma) oceanic crust from the eastern flank of the Juan de Fuca Ridge: Comparison of wireline and core measurements with global data. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	10
24	Numerical Simulation of Cool Hydrothermal Processes in the Upper Volcanic Crust Beneath a Marine Sediment Pond: North Pond, North Atlantic Ocean. <i>Journal of Geophysical Research: Solid Earth</i> , 2022, 127, .	1.4	7
25	Comment [on "Deep-penetration heat flow probes raise questions about interpretations from shorter probes" by Gili et al.]. <i>Eos</i> , 2002, 83, 196-196.	0.1	2
26	4. The Thermal State of 18–24 Ma Upper Lithosphere Subducting Below the Nicoya Peninsula, Northern Costa Rica Margin. , 2007, , 86-122.		1