

# Edward Baker

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

177  
papers

8,229  
citations

52  
h-index

82  
g-index

181  
ext. papers

9,113  
ext. citations

7.7  
avg, IF

5.58  
L-index

#	Paper	IF	Citations
177	Organic Biogeochemistry in West Mata, NE Lau Hydrothermal Vent Fields. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2021</b> , 22, e2020GC009481	3.6	
176	Dissolved Gas and Metal Composition of Hydrothermal Plumes From a 2008 Submarine Eruption on the Northeast Lau Spreading Center. <i>Frontiers in Marine Science</i> , <b>2020</b> , 7,	4.5	2
175	Enhanced hydrothermal activity on an ultraslow-spreading supersegment with a seismically detected melting anomaly. <i>Marine Geology</i> , <b>2020</b> , 430, 106335	3.3	2
174	The NE Lau Basin: Widespread and Abundant Hydrothermal Venting in the Back-Arc Region Behind a Superfast Subduction Zone. <i>Frontiers in Marine Science</i> , <b>2019</b> , 6,	4.5	8
173	Patterns of Fine Ash Dispersal Related to Volcanic Activity at West Mata Volcano, NE Lau Basin. <i>Frontiers in Marine Science</i> , <b>2019</b> , 6,	4.5	1
172	Posteruption Enhancement of Hydrothermal Activity: A 33-Year, Multieruption Time Series at Axial Seamount (Juan de Fuca Ridge). <i>Geochemistry, Geophysics, Geosystems</i> , <b>2019</b> , 20, 814-828	3.6	3
171	Chemical Fluxes From a Recently Erupted Shallow Submarine Volcano on the Mariana Arc. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2018</b> , 19, 1660-1673	3.6	6
170	A Recent Volcanic Eruption Discovered on the Central Mariana Back-Arc Spreading Center. <i>Frontiers in Earth Science</i> , <b>2018</b> , 6,	3.5	14
169	Widespread tectonic extension at the Central Indian Ridge between 8°S and 18°S. <i>Gondwana Research</i> , <b>2017</b> , 45, 163-179	5.1	12
168	Exploring the ocean for hydrothermal venting: New techniques, new discoveries, new insights. <i>Ore Geology Reviews</i> , <b>2017</b> , 86, 55-69	3.2	25
167	Geological interpretation of volcanism and segmentation of the Mariana back-arc spreading center between 12.7°N and 18.3°N. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2017</b> , 18, 2240-2274	3.6	15
166	Hydrothermal plume mapping as a prospecting tool for seafloor sulfide deposits: a case study at the Zouyu-1 and Zouyu-2 hydrothermal fields in the southern Mid-Atlantic Ridge. <i>Marine Geophysical Researches</i> , <b>2017</b> , 38, 3-16	2.3	11
165	The Effect of Arc Proximity on Hydrothermal Activity Along Spreading Centers: New Evidence From the Mariana Back Arc (12.7°N–18.3°N). <i>Geochemistry, Geophysics, Geosystems</i> , <b>2017</b> , 18, 4211-4228	3.6	9
164	How many vent fields? New estimates of vent field populations on ocean ridges from precise mapping of hydrothermal discharge locations. <i>Earth and Planetary Science Letters</i> , <b>2016</b> , 449, 186-196	5.3	62
163	Significant discharge of CO <sub>2</sub> from hydrothermalism associated with the submarine volcano of El Hierro Island. <i>Scientific Reports</i> , <b>2016</b> , 6, 25686	4.9	20
162	Where are the undiscovered hydrothermal vents on oceanic spreading ridges?. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , <b>2015</b> , 121, 202-212	2.3	104
161	First hydrothermal discoveries on the Australian-Antarctic Ridge: Discharge sites, plume chemistry, and vent organisms. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2015</b> , 16, 3061-3075	3.6	17

160	Long-term explosive degassing and debris flow activity at West Mata submarine volcano. <i>Geophysical Research Letters</i> , <b>2015</b> , 42, 1480-1487	4.9	16
159	Helium isotope, C/3He, and Ba-Nb-Ti signatures in the northern Lau Basin: Distinguishing arc, back-arc, and hotspot affinities. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2015</b> , 16, 1133-1155	3.6	32
158	The NOAA Vents Program 1983 to 2013: Thirty Years of Ocean Exploration and Research. <i>Oceanography</i> , <b>2015</b> , 28, 160-173	2.3	24
157	Molten Sulfur Lakes of Intraoceanic Arc Volcanoes. <i>Advances in Volcanology</i> , <b>2015</b> , 261-288	0	12
156	Bathymetric influence on dissolved methane in hydrothermal plumes revealed by concentration and stable carbon isotope measurements at newly discovered venting sites on the Central Indian Ridge (11°33'S). <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , <b>2014</b> , 91, 17-26	2.5	5
155	Eruptive modes and hiatus of volcanism at West Mata seamount, NE Lau basin: 1996-2012. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2014</b> , 15, 4093-4115	3.6	19
154	Understanding a submarine eruption through time series hydrothermal plume sampling of dissolved and particulate constituents: West Mata, 2008-2012. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2014</b> , 15, 4631-4650	3.6	18
153	Tectonic and magmatic control of hydrothermal activity along the slow-spreading Central Indian Ridge, 8°S-17°S. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2014</b> , 15, 2011-2020	3.6	20
152	The Anatomy of a Buried Submarine Hydrothermal System, Clark Volcano, Kermadec Arc, New Zealand. <i>Economic Geology</i> , <b>2014</b> , 109, 2261-2292	4.3	28
151	Correlated patterns in hydrothermal plume distribution and apparent magmatic budget along 2500 km of the Southeast Indian Ridge. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2014</b> , 15, 3198-3211	3.6	8
150	Hydrothermal Plumes <b>2014</b> , 1-7		
149	On the Global Distribution of Hydrothermal Vent Fields. <i>Geophysical Monograph Series</i> , <b>2013</b> , 245-266	1.1	66
148	An authoritative global database for active submarine hydrothermal vent fields. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2013</b> , 14, 4892-4905	3.6	133
147	Hydrothermal Plumes Over Spreading-Center Axes: Global Distributions and Geological Inferences. <i>Geophysical Monograph Series</i> , <b>2013</b> , 47-71	1.1	59
146	Geology, Hydrothermal Activity, and Sea-Floor Massive Sulfide Mineralization at the Rumble II West Mafic Caldera. <i>Economic Geology</i> , <b>2012</b> , 107, 1649-1668	4.3	9
145	Hydrothermal plumes over the Carlsberg Ridge, Indian Ocean. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2012</b> , 13, n/a-n/a	3.6	23
144	Flux measurements of explosive degassing using a yearlong hydroacoustic record at an erupting submarine volcano. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2012</b> , 13,	3.6	13
143	Tectonic and magmatic controls on hydrothermal activity in the Woodlark Basin. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2012</b> , 13,	3.6	8

142	Hydrothermal Discharge During Submarine Eruptions: The Importance of Detection, Response, and New Technology. <i>Oceanography</i> , <b>2012</b> , 25, 128-141	2.3	24
141	Volcanic Eruptions in the Deep Sea. <i>Oceanography</i> , <b>2012</b> , 25, 142-157	2.3	76
140	High-Resolution Hydrothermal Mapping of Brothers Caldera, Kermadec Arc. <i>Economic Geology</i> , <b>2012</b> , 107, 1583-1593	4.3	21
139	Submarine Magmatic-Hydrothermal Systems at the Monowai Volcanic Center, Kermadec Arc. <i>Economic Geology</i> , <b>2012</b> , 107, 1669-1694	4.3	22
138	Active hydrothermal discharge on the submarine Aeolian Arc. <i>Journal of Geophysical Research</i> , <b>2011</b> , 116,		20
137	Unique event plumes from a 2008 eruption on the Northeast Lau Spreading Center. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2011</b> , 12, n/a-n/a	3.6	24
136	Active submarine eruption of boninite in the northeastern Lau Basin. <i>Nature Geoscience</i> , <b>2011</b> , 4, 799-806	8.3	115
135	Spotlight: Northwest Rota-1 Seamount. <i>Oceanography</i> , <b>2010</b> , 23, 182-183	2.3	3
134	Hydrothermal cooling along the Eastern Lau Spreading Center: No evidence for discharge beyond the neovolcanic zone. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2010</b> , 11, n/a-n/a	3.6	24
133	Rapid dispersal of a hydrothermal plume by turbulent mixing. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , <b>2010</b> , 57, 931-945	2.5	14
132	Microbial carbon isotope fractionation to produce extraordinarily heavy methane in aging hydrothermal plumes over the southwestern Okinawa Trough. <i>Geochemical Journal</i> , <b>2010</b> , 44, 477-487	0.9	15
131	Relationships between hydrothermal activity and axial magma chamber distribution, depth, and melt content. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2009</b> , 10, n/a-n/a	3.6	29
130	Chemistry of hydrothermal plumes above submarine volcanoes of the Mariana Arc. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2009</b> , 10, n/a-n/a	3.6	41
129	Eruption-fed particle plumes and volcanoclastic deposits at a submarine volcano: NW Rota-1, Mariana Arc. <i>Journal of Geophysical Research</i> , <b>2008</b> , 113,		30
128	Ocean current and temperature time series at Brothers volcano. <i>Journal of Geophysical Research</i> , <b>2008</b> , 113,		4
127	High-resolution surveys along the hot spot-affected Galapagos Spreading Center: 1. Distribution of hydrothermal activity. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2008</b> , 9, n/a-n/a	3.6	19
126	High-resolution surveys along the hot spot-affected Galapagos Spreading Center: 3. Black smoker discoveries and the implications for geological controls on hydrothermal activity. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2008</b> , 9, n/a-n/a	3.6	18
125	Hydrothermal activity and volcano distribution along the Mariana arc. <i>Journal of Geophysical Research</i> , <b>2008</b> , 113,		84

124	High-resolution surveys along the hot spot-affected Galapagos Spreading Center: 2. Influence of magma supply on volcanic morphology. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2008</b> , 9, n/a-n/a	3.6	27
123	Submarine hydrothermal activity along the mid-Kermadec Arc, New Zealand: Large-scale effects on venting. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2007</b> , 8, n/a-n/a	3.6	67
122	Volcanic eruptions at East Pacific Rise near 9°50'N. <i>Eos</i> , <b>2007</b> , 88, 81	1.5	35
121	Multiple hydrothermal sources along the south Tonga arc and Valu Fa Ridge. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2007</b> , 8, n/a-n/a	3.6	32
120	Exploring the Submarine Ring of Fire: Mariana Arc - Western Pacific. <i>Oceanography</i> , <b>2007</b> , 20, 68-79	2.3	63
119	Ridge-Hotspot Interactions: What Mid-Ocean Ridges Tell Us About Deep Earth Processes. <i>Oceanography</i> , <b>2007</b> , 20, 102-115	2.3	48
118	Hunting for Hydrothermal Vents Along the Galapagos Spreading Center. <i>Oceanography</i> , <b>2007</b> , 20, 100-107	2.3	1
117	Venting of Acid-Sulfate Fluids in a High-Sulfidation Setting at NW Rota-1 Submarine Volcano on the Mariana Arc. <i>Economic Geology</i> , <b>2007</b> , 102, 1047-1061	4.3	56
116	Hydrothermal cooling of midocean ridge axes: Do measured and modeled heat fluxes agree?. <i>Earth and Planetary Science Letters</i> , <b>2007</b> , 263, 140-150	5.3	51
115	A sea-floor spreading event captured by seismometers. <i>Science</i> , <b>2006</b> , 314, 1920-2	33.3	146
114	Vailulu'u Seamount, Samoa: Life and death on an active submarine volcano. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 6448-53	11.5	70
113	Methane seepage and its relation to slumping and gas hydrate at the Hikurangi margin, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , <b>2006</b> , 49, 503-516	1.6	47
112	Submarine venting of liquid carbon dioxide on a Mariana Arc volcano. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2006</b> , 7, n/a-n/a	3.6	113
111	Abundant hydrothermal venting along melt-rich and melt-free ridge segments in the Lau back-arc basin. <i>Geophysical Research Letters</i> , <b>2006</b> , 33,	4.9	33
110	Hydrothermal exploration of the Fonualei Rift and Spreading Center and the Northeast Lau Spreading Center. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2006</b> , 7, n/a-n/a	3.6	27
109	Detection of an unusually large hydrothermal event plume above the slow-spreading Carlsberg Ridge: NW Indian Ocean. <i>Geophysical Research Letters</i> , <b>2006</b> , 33, n/a-n/a	4.9	30
108	Opposing trends in crustal thickness and spreading rate along the back-arc Eastern Lau Spreading Center: Implications for controls on ridge morphology, faulting, and hydrothermal activity. <i>Earth and Planetary Science Letters</i> , <b>2006</b> , 245, 655-672	5.3	84
107	Long-term eruptive activity at a submarine arc volcano. <i>Nature</i> , <b>2006</b> , 441, 494-7	50.4	101

106	Methane dynamics in hydrothermal plumes over a superfast spreading center: East Pacific Rise, 27.5°B2.3°S. <i>Journal of Geophysical Research</i> , <b>2005</b> , 110,		14
105	Hydrothermal activity on near-arc sections of back-arc ridges: Results from the Mariana Trough and Lau Basin. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2005</b> , 6, n/a-n/a	3.6	40
104	Evolution of a Submarine Magmatic-Hydrothermal System: Brothers Volcano, Southern Kermadec Arc, New Zealand. <i>Economic Geology</i> , <b>2005</b> , 100, 1097-1133	4.3	162
103	Detection of and Response to Mid-Ocean Ridge Magmatic Events: Implications for the Subsurface Biosphere. <i>Geophysical Monograph Series</i> , <b>2004</b> , 227-243	1.1	13
102	Biological and physical processes in and around Astoria submarine Canyon, Oregon, USA. <i>Journal of Marine Systems</i> , <b>2004</b> , 50, 21-37	2.7	85
101	Hydrothermal venting at VailuluSi Seamount: The smoking end of the Samoan chain. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2004</b> , 5, n/a-n/a	3.6	22
100	Decay of hydrothermal output following the 1998 seafloor eruption at Axial Volcano: Observations and models. <i>Journal of Geophysical Research</i> , <b>2004</b> , 109,		19
99	Heat flow through a basaltic outcrop on a sedimented young ridge flank. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2004</b> , 5, n/a-n/a	3.6	48
98	Tectonic/volcanic segmentation and controls on hydrothermal venting along Earth's fastest seafloor spreading system, EPR 27°B2°S. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2004</b> , 5, n/a-n/a	3.6	18
97	Short-term variations in the distribution of hydrothermal plumes along a superfast spreading center, East Pacific Rise, 27°30'B2°20'S. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2004</b> , 5, n/a-n/a	3.6	13
96	Explorations of Mariana Arc volcanoes reveal new hydrothermal systems. <i>Eos</i> , <b>2004</b> , 85, 37	1.5	47
95	Hydrothermal venting in magma deserts: The ultraslow-spreading Gakkel and Southwest Indian Ridges. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2004</b> , 5,	3.6	81
94	Chemically rich and diverse submarine hydrothermal plumes of the southern Kermadec volcanic arc (New Zealand). <i>Geological Society Special Publication</i> , <b>2003</b> , 219, 119-139	1.7	17
93	Discovery of abundant hydrothermal venting on the ultraslow-spreading Gakkel ridge in the Arctic Ocean. <i>Nature</i> , <b>2003</b> , 421, 252-6	50.4	171
92	Ocean currents at Axial Volcano, a northeastern Pacific seamount. <i>Journal of Geophysical Research</i> , <b>2003</b> , 108, n/a-n/a		12
91	Submarine hydrothermal venting on the southern Kermadec volcanic arc front (offshore New Zealand): location and extent of particle plume signatures. <i>Geological Society Special Publication</i> , <b>2003</b> , 219, 141-161	1.7	12
90	Observations and sampling of an ongoing subsurface eruption of Kavachi volcano, Solomon Islands, May 2000. <i>Geology</i> , <b>2002</b> , 30, 975	5	32
89	Hydrothermal venting along Earth's fastest spreading center: East Pacific Rise, 27.5°B2.3°. <i>Journal of Geophysical Research</i> , <b>2002</b> , 107, EPM 2-1-EPM 2-14		35

88	Discovery of ancient and active hydrothermal systems along the ultra-slow spreading Southwest Indian Ridge 10°16'E. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2002</b> , 3, 1-14	3.6	98
87	Prospecting for Hydrothermal Vents Using Moored Current and Temperature Data: Axial Volcano on the Juan de Fuca Ridge, Northeast Pacific*. <i>Journal of Physical Oceanography</i> , <b>2001</b> , 31, 827-838	2.4	9
86	Hydrothermal plumes along segments of contrasting magmatic influence, 15°20'18"30"N, East Pacific Rise: Influence of axial faulting. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2001</b> , 2, n/a-n/a	3.6	31
85	Ascending and descending particle flux from hydrothermal plumes at Endeavour Segment, Juan de Fuca Ridge. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , <b>2001</b> , 48, 1093-1120	2.5	39
84	Intra-oceanic subduction-related hydrothermal venting, Kermadec volcanic arc, New Zealand. <i>Earth and Planetary Science Letters</i> , <b>2001</b> , 193, 359-369	5.3	136
83	Vailulu'u undersea volcano: The New Samoa. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2000</b> , 1, n/a-n/a	3.6	31
82	Helium, heat, and the generation of hydrothermal event plumes at mid-ocean ridges. <i>Earth and Planetary Science Letters</i> , <b>1999</b> , 171, 343-350	5.3	49
81	Sources and fluxes of hydrothermal heat, chemicals and biology within a segment of the Mid-Atlantic Ridge. <i>Earth and Planetary Science Letters</i> , <b>1999</b> , 171, 301-317	5.3	34
80	Interdisciplinary group explores seafloor eruption with remotely operated vehicle. <i>Eos</i> , <b>1999</b> , 80, 213-222.5		18
79	Evidence for iron and sulfur enrichments in hydrothermal plumes at Axial Volcano following the January-February 1998 eruption. <i>Geophysical Research Letters</i> , <b>1999</b> , 26, 3649-3652	4.9	17
78	Anomalous helium and heat signatures associated with the 1998 Axial Volcano Event, Juan de Fuca Ridge. <i>Geophysical Research Letters</i> , <b>1999</b> , 26, 3449-3452	4.9	12
77	In situ observations of the onset of hydrothermal discharge during the 1998 Submarine Eruption of Axial Volcano, Juan de Fuca Ridge. <i>Geophysical Research Letters</i> , <b>1999</b> , 26, 3445-3448	4.9	37
76	Microbial biomass in the hydrothermal plumes associated with the 1998 Axial Volcano Eruption. <i>Geophysical Research Letters</i> , <b>1999</b> , 26, 3637-3640	4.9	16
75	The water-column chemical signature after the 1998 Eruption of Axial Volcano. <i>Geophysical Research Letters</i> , <b>1999</b> , 26, 3645-3648	4.9	18
74	Variations in hydrothermal methane and hydrogen concentrations following the 1998 eruption at Axial Volcano. <i>Geophysical Research Letters</i> , <b>1999</b> , 26, 3453-3456	4.9	21
73	Hydrothermal activity along the southwest Indian ridge. <i>Nature</i> , <b>1998</b> , 395, 490-493	50.4	123
72	Patterns of event and chronic hydrothermal venting following a magmatic intrusion: new perspectives from the 1996 Gorda Ridge eruption. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , <b>1998</b> , 45, 2599-2618	2.3	38
71	Manganese and iron in hydrothermal plumes resulting from the 1996 Gorda Ridge Event. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , <b>1998</b> , 45, 2683-2712	2.3	46

70	Geomicrobial transformation of manganese in Gorda Ridge event plumes. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , <b>1998</b> , 45, 2713-2737	2.3	27
69	Bacterial and viral abundances in hydrothermal event plumes over northern Gorda Ridge. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , <b>1998</b> , 45, 2739-2749	2.3	31
68	Detection of hydrothermal plumes along the Southeast Indian Ridge near the Amsterdam-St. Paul Plateau. <i>Geophysical Research Letters</i> , <b>1998</b> , 25, 97-100	4.9	41
67	The rise and fall of the Coaxial hydrothermal site, 1993-1996. <i>Journal of Geophysical Research</i> , <b>1998</b> , 103, 9791-9806		33
66	Tracking the evolution of a hydrothermal event plume with a RAFOS neutrally buoyant drifter. <i>Science</i> , <b>1998</b> , 280, 1052-5	33.3	30
65	Thermal fluxes associated with the 1993 dike event on the CoAxial segment, Juan de Fuca Ridge: A model for the convective cooling of a dike. <i>Journal of Geophysical Research</i> , <b>1997</b> , 102, 24887-24902		46
64	Hydrothermal methane and manganese variation in the plume over the superfast-spreading southern East Pacific Rise. <i>Geochimica Et Cosmochimica Acta</i> , <b>1997</b> , 61, 485-500	5.5	34
63	Chemical plumes from low-temperature hydrothermal venting on the eastern flank of the Juan de Fuca Ridge. <i>Journal of Geophysical Research</i> , <b>1997</b> , 102, 15433-15446		20
62	The relationship between near-axis hydrothermal cooling and the spreading rate of mid-ocean ridges. <i>Earth and Planetary Science Letters</i> , <b>1996</b> , 142, 137-145	5.3	110
61	Extensive distribution of hydrothermal plumes along the superfast spreading East Pacific Rise, 13°30'N-18°40'S. <i>Journal of Geophysical Research</i> , <b>1996</b> , 101, 8685-8695		41
60	Geological indexes of hydrothermal venting. <i>Journal of Geophysical Research</i> , <b>1996</b> , 101, 13741-13753		13
59	Larvae of benthic invertebrates in hydrothermal vent plumes over Juan de Fuca Ridge. <i>Marine Biology</i> , <b>1995</b> , 122, 585-596	2.5	52
58	Characteristics of hydrothermal discharge following a magmatic intrusion. <i>Geological Society Special Publication</i> , <b>1995</b> , 87, 65-76	1.7	11
57	Regional setting of hydrothermal activity. <i>Geological Society Special Publication</i> , <b>1995</b> , 87, 3-15	1.7	11
56	Initial results of the rapid response to the 1993 CoAxial event: Relationships between hydrothermal and volcanic processes. <i>Geophysical Research Letters</i> , <b>1995</b> , 22, 143-146	4.9	106
55	Hydrothermal event plumes from the coaxial seafloor eruption site, Juan de Fuca Ridge. <i>Geophysical Research Letters</i> , <b>1995</b> , 22, 147-150	4.9	75
54	Observations of manganese and iron at the CoAxial Seafloor Eruption Site, Juan de Fuca Ridge. <i>Geophysical Research Letters</i> , <b>1995</b> , 22, 151-154	4.9	32
53	Variations in water-column $\delta$ He/heat ratios associated with the 1993 CoAxial event, Juan de Fuca Ridge. <i>Geophysical Research Letters</i> , <b>1995</b> , 22, 155-158	4.9	31



52	Manganese and methane in hydrothermal plumes along the East Pacific Rise, 8°40' to 11°50'N. <i>Geochimica Et Cosmochimica Acta</i> , <b>1995</b> , 59, 4147-4165	5.5	55
51	The effect of magmatic activity on hydrothermal venting along the superfast-spreading East Pacific rise. <i>Science</i> , <b>1995</b> , 269, 1092-5	33.3	68
50	A 6-year time series of hydrothermal plumes over the Cleft segment of the Juan de Fuca Ridge. <i>Journal of Geophysical Research</i> , <b>1994</b> , 99, 4889-4904		68
49	In situ observations of dissolved iron and manganese in hydrothermal vent plumes, Juan de Fuca Ridge. <i>Journal of Geophysical Research</i> , <b>1994</b> , 99, 4969-4984		55
48	Composition and sedimentation of hydrothermal plume particles from North Cleft segment, Juan de Fuca Ridge. <i>Journal of Geophysical Research</i> , <b>1994</b> , 99, 4985-5006		95
47	Temporal and spatial variability of hydrothermal manganese and iron at Cleft segment, Juan de Fuca Ridge. <i>Journal of Geophysical Research</i> , <b>1994</b> , 99, 4905-4923		71
46	Excess <sup>222</sup> Rn above the Cleft segment of the Juan de Fuca Ridge. <i>Journal of Geophysical Research</i> , <b>1994</b> , 99, 5007-5015		22
45	A numerical study of local convection in the benthic ocean induced by episodic hydrothermal discharges. <i>Journal of Geophysical Research</i> , <b>1994</b> , 99, 16065		15
44	Structure of two hydrothermal megaplumes. <i>Journal of Geophysical Research</i> , <b>1994</b> , 99, 20361		17
43	A method for quantitatively estimating diffuse and discrete hydrothermal discharge. <i>Earth and Planetary Science Letters</i> , <b>1993</b> , 118, 235-249	5.3	74
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