

Mustafa YÃœcel

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

1,485
citations

331538

21
h-index

345118

36
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37
all docs

37
docs citations

37
times ranked

2375
citing authors

#	ARTICLE	IF	CITATIONS
1	Differential Behavior of Metal Sulfides in Hydrothermal Plumes and Diffuse Flows. ACS Earth and Space Chemistry, 2022, 6, 1429-1442.	1.2	3
2	Marmara Deniziâ€™nin Geoşirdiâ€™yi Biyojeokimyasal Deâ€™yiâ€™imler Baâ€™ylamâ€™ında 2021 Mâ€™silaj Patlamasâ€™, Gâ€™ncel Basıâ€™lar ve â€™zâ€™m â€™nerileri. , 2021, , 249-268.		2
3	Effect of tectonic processes on biosphereâ€™geosphere feedbacks across a convergent margin. Nature Geoscience, 2021, 14, 301-306.	5.4	32
4	Fe-catalyzed sulfide oxidation in hydrothermal plumes is a source of reactive oxygen species to the ocean. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	14
5	Soluble, Colloidal, and Particulate Iron Across the Hydrothermal Vent Mixing Zones in Broken Spur and Rainbow, Mid-Atlantic Ridge. Frontiers in Microbiology, 2021, 12, 631885.	1.5	7
6	High ³ He/ ⁴ He in central Panama reveals a distal connection to the Galâ€™pagos plume. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	12
7	Challenges for Sustained Observing and Forecasting Systems in the Mediterranean Sea. Frontiers in Marine Science, 2019, 6, .	1.2	47
8	Forearc carbon sink reduces long-term volatile recycling into the mantle. Nature, 2019, 568, 487-492.	13.7	97
9	Iron and sulfide nanoparticle formation and transport in nascent hydrothermal vent plumes. Nature Communications, 2019, 10, 1597.	5.8	40
10	Hydrothermal Energy Transfer and Organic Carbon Production at the Deep Seafloor. Frontiers in Marine Science, 2019, 5, .	1.2	27
11	Turbidite deposition and diagenesis in the southwestern Black Sea: Implications for biogeochemical cycling in an anoxic basin. Marine Chemistry, 2019, 209, 48-61.	0.9	7
12	Ecological Succession of Sulfur-Oxidizing Epsilon- and Gammaproteobacteria During Colonization of a Shallow-Water Gas Vent. Frontiers in Microbiology, 2018, 9, 2970.	1.5	25
13	Major Bottom Water Ventilation Events Do Not Significantly Reduce Basin-Wide Benthic N and P Release in the Eastern Gotland Basin (Baltic Sea). Frontiers in Marine Science, 2017, 4, .	1.2	28
14	Microbial Sulfide Filter along a Benthic Redox Gradient in the Eastern Gotland Basin, Baltic Sea. Frontiers in Microbiology, 2017, 8, 169.	1.5	10
15	Diversity and Distribution of Prokaryotes within a Shallow-Water Pockmark Field. Frontiers in Microbiology, 2016, 7, 941.	1.5	27
16	Bathymodiolus growth dynamics in relation to environmental fluctuations in vent habitats. Deep-Sea Research Part I: Oceanographic Research Papers, 2015, 106, 183-193.	0.6	17
17	Temporal and spatial constraints on community assembly during microbial colonization of wood in seawater. ISME Journal, 2015, 9, 2657-2670.	4.4	35
18	Nitrate and Nitrite Variability at the Seafloor of an Oxygen Minimum Zone Revealed by a Novel Microfluidic In-Situ Chemical Sensor. PLoS ONE, 2015, 10, e0132785.	1.1	28

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19	Ecogeochemical fate of coarse organic particles in sediments of the Rhône River prodelta. <i>Estuarine, Coastal and Shelf Science</i> , 2014, 141, 97-103.	0.9	9
20	Community succession in hydrothermal vent habitats of the Eastern Lau Spreading Center and Valu Fa Ridge, Tonga. <i>Limnology and Oceanography</i> , 2014, 59, 1510-1528.	1.6	38
21	Sulfide production and consumption in degrading wood in the marine environment. <i>Chemosphere</i> , 2013, 90, 403-409.	4.2	38
22	Compact autonomous voltammetric sensor for sulfide monitoring in deep sea vent habitats. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2013, 80, 47-57.	0.6	19
23	Down the thermodynamic ladder: A comparative study of marine redox gradients across diverse sedimentary environments. <i>Estuarine, Coastal and Shelf Science</i> , 2013, 131, 83-92.	0.9	11
24	Eco-geochemical dynamics of a shallow-water hydrothermal vent system at Milos Island, Aegean Sea (Eastern Mediterranean). <i>Chemical Geology</i> , 2013, 356, 11-20.	1.4	41
25	Temporal trends in vent fluid iron and sulfide chemistry following the 2005/2006 eruption at East Pacific Rise, 9°50'N. <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 759-765.	1.0	13
26	Recent sedimentation in the Black Sea: New insights from radionuclide distributions and sulfur isotopes. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2012, 66, 103-113.	0.6	16
27	Chemistry, Temperature, and Faunal Distributions at Diffuse-Flow Hydrothermal Vents: Comparison of Two Geologically Distinct Ridge Systems. <i>Oceanography</i> , 2012, 25, 234-245.	0.5	28
28	Turkey's globally important biodiversity in crisis. <i>Biological Conservation</i> , 2011, 144, 2752-2769.	1.9	254
29	Hydrothermal vents as a kinetically stable source of iron-sulphide-bearing nanoparticles to the ocean. <i>Nature Geoscience</i> , 2011, 4, 367-371.	5.4	210
30	Sulfide Oxidation across Diffuse Flow Zones of Hydrothermal Vents. <i>Aquatic Geochemistry</i> , 2011, 17, 583-601.	1.5	37
31	Earthquake-induced turbidite deposition as a previously unrecognized sink for hydrogen sulfide in the Black Sea sediments. <i>Marine Chemistry</i> , 2010, 121, 176-186.	0.9	24
32	Sulfur speciation in the upper Black Sea sediments. <i>Chemical Geology</i> , 2010, 269, 364-375.	1.4	68
33	Marine Chemical Technology and Sensors for Marine Waters: Potentials and Limits. <i>Annual Review of Marine Science</i> , 2009, 1, 91-115.	5.1	78
34	Formation of Zn- and Fe-sulfides near hydrothermal vents at the Eastern Lau Spreading Center: implications for sulfide bioavailability to chemoautotrophs. <i>Geochemical Transactions</i> , 2008, 9, 6.	1.8	44
35	Voltammetric (Micro)Electrodes for the In Situ Study of Fe ²⁺ Oxidation Kinetics in Hot Springs and S ₂ O ₃ ²⁻ Production at Hydrothermal Vents. <i>Electroanalysis</i> , 2008, 20, 280-290.	1.5	34
36	Hydrothermal Vent Mussel Habitat Chemistry, Pre- and Post-Eruption at 9°50'N on the East Pacific Rise. <i>Journal of Shellfish Research</i> , 2008, 27, 169-175.	0.3	29

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37	Porewater redox species and processes in the Black Sea sediments. Chemical Geology, 2007, 245, 254-274.	1.4	36