

# Mustafa Gurhan Yalcin

## List of Publications by Year in descending order

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Version: 2024-02-01

45  
papers

703  
citations

623574

14  
h-index

610775

24  
g-index

46  
all docs

46  
docs citations

46  
times ranked

493  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multivariate analysis of heavy metal contents of sediments from Gumusler creek, Nigde, Turkey. <i>Environmental Geology</i> , 2008, 54, 1155-1163.	1.2	66
2	Evaluation of heavy metal risk potential in Bogacayi River water (Antalya, Turkey). <i>Environmental Monitoring and Assessment</i> , 2017, 189, 248.	1.3	65
3	Application of multivariate statistical approach to identify heavy metal sources in bottom soil of the Seyhan River (Adana), Turkey. <i>Environmental Monitoring and Assessment</i> , 2010, 164, 311-322.	1.3	44
4	Investigation of leakage at Ataturk dam and hydroelectric power plant by means of hydrometric measurements. <i>Engineering Geology</i> , 2007, 93, 45-63.	2.9	38
5	Multivariate Analyses to Determine the Origin of Potentially Harmful Heavy Metals in Beach and Dune Sediments from Kizkalesi Coast (Mersin), Turkey. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2008, 81, 57-68.	1.3	38
6	Heavy mineral distribution as related to environmental conditions for modern beach sediments from the Susanoglu (Atakent, Mersin, Turkey). <i>Environmental Geology</i> , 2009, 58, 119-129.	1.2	30
7	Heavy Metal Contents of the Karasu Creek Sediments, Nigde, Turkey. <i>Environmental Monitoring and Assessment</i> , 2007, 128, 351-357.	1.3	29
8	Statistical assessment of heavy metal distribution and contamination of beach sands of Antalya-Turkey: An approach to the multivariate analysis techniques. <i>Filomat</i> , 2016, 30, 945-952.	0.2	28
9	Heavy metal sources in Sultan Marsh and its neighborhood, Kayseri, Turkey. <i>Environmental Geology</i> , 2007, 53, 399-415.	1.2	25
10	Geomedical, ecological risk, and statistical assessment of hazardous elements in shore sediments of the Iskenderun Gulf, Eastern Mediterranean, Turkey. <i>Environmental Earth Sciences</i> , 2019, 78, 1.	1.3	24
11	Major and trace element geochemistry of Terra Rossa soil in the Kucukkoras region, Karaman, Turkey. <i>Geochemistry International</i> , 2008, 46, 1038-1054.	0.2	23
12	Principal Component Analysis of Integrated Metal Concentrations of Bogacayi Riverbank Sediments in Turkey. <i>Polish Journal of Environmental Studies</i> , 2016, 25, 471-485.	0.6	22
13	Petrography, mineralogy, geochemistry and genesis of the Balaya bauxite deposits in Kindia region, Maritime Guinea, West Africa. <i>Journal of African Earth Sciences</i> , 2019, 149, 348-366.	0.9	21
14	Heavy metal contents and the water quality of Karasu Creek in Nigde, Turkey. <i>Environmental Monitoring and Assessment</i> , 2008, 137, 169-178.	1.3	17
15	Major and Trace Element Geochemistry of Bauxites of Ayranci, Karaman, Central Bolcardag, Turkey. <i>Asian Journal of Chemistry</i> , 2013, 25, 2893-2904.	0.1	17
16	Multivariate Statistics and Heavy Metals Contamination in Beach Sediments from The Sakarya Canyon, Turkey. <i>Asian Journal of Chemistry</i> , 2013, 25, 2059-2066.	0.1	16
17	Use of Multivariate Statistics Methods to Determine Grain Size, Heavy Metal Distribution and Origins of Heavy Metals in Mersin Bay (Eastern Mediterranean) Coastal Sediments. <i>Asian Journal of Chemistry</i> , 2013, 25, 2696-2702.	0.1	15
18	Estimation of Natural Radionuclides <sup>â€™</sup> Concentration of the Plutonic Rocks in the Sakarya Zone, Turkey Using Multivariate Statistical Methods. <i>Symmetry</i> , 2020, 12, 1048.	1.1	14

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19	Geochemical and mineralogical characteristics of beach sediments along the coast between Alanya and Silifke (southern Turkey). <i>Clay Minerals</i> , 2015, 50, 233-248.	0.2	13
20	Chemical and statistical characterization of beach sand sediments: implication for natural and anthropogenic origin and paleo-environment. <i>International Journal of Environmental Science and Technology</i> , 2022, 19, 1335-1356.	1.8	12
21	Statistical analysis and source rock of the Minim-Martap plateau bauxite, Cameroon. <i>Arabian Journal of Geosciences</i> , 2017, 10, 1.	0.6	11
22	Correlation of chemical contents of Sutlegen (Antalya) bauxites and regression analysis. <i>AIP Conference Proceedings</i> , 2020, , .	0.3	11
23	Investigation of suitability of marbles to standards with inequality expressions and statistical approach using some physical and mechanical properties. <i>Journal of Inequalities and Applications</i> , 2020, 2020, .	0.5	11
24	Statistical evaluation of the geochemical content of beach sand along the Sarisu - Kemer coastline of Antalya, Turkey. <i>AIP Conference Proceedings</i> , 2019, , .	0.3	10
25	Investigation of the Effect of Hydrothermal Waters on Radionuclide Activity Concentrations in Natural Marble with Multivariate Statistical Analysis. <i>Symmetry</i> , 2020, 12, 1219.	1.1	10
26	Determination of radiological hazard parameters and radioactivity concentrations in bauxite samples: the case of the Sutlegen Mine Region (Antalya, Turkey). <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2021, 329, 701-715.	0.7	9
27	Geochemical characterization of the Sutlegen bauxite deposit, SW Antalya. <i>Mining of Mineral Deposits</i> , 2021, 15, 108-121.	1.2	9
28	Regression analysis and statistical examination of Knoop Hardness on abrasion resistance in Lyca Beige Marbles. <i>Filomat</i> , 2020, 34, 609-614.	0.2	9
29	The 2001 Adana landslide and its destructive effects, Turkey. <i>Environmental Geology</i> , 2008, 54, 1489-1500.	1.2	8
30	Natural radioactivity levels and associated radiation hazards in ophiolites around Tekirova, Kemer, and Kumluca Touristic Regions in Antalya, Turkey. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 316, 321-330.	0.7	8
31	Alteration, Chemical Processes, and Parent Rocks of Halâ©o-Danielle Plateau Bauxite, Adamawaâ€“Cameroon. <i>Lithology and Mineral Resources</i> , 2020, 55, 231-243.	0.3	7
32	Computation of gamma radioactivity of natural rocks in the vicinity of Antalya province and its effect on health. <i>Kerntechnik</i> , 2018, 83, 112-120.	0.2	6
33	Natural radioactive risk assessment in top soil and possible health effect in Minim and Martap villages, Cameroon: using radioactive risk index and statistical analysis. <i>Kerntechnik</i> , 2019, 84, 115-122.	0.2	6
34	Cluster analysis approach to identify metal sources in bottom sediments of Sultan Marsh canals, Turkey. <i>International Journal of Environment and Health</i> , 2009, 3, 106.	0.3	5
35	Origin of barite deposits in dolomite-limestone units, Gazipasa, Eastern of Antalya: geology, geochemistry, statistics, sulfur isotope composition. <i>Mining of Mineral Deposits</i> , 2020, 14, 62-71.	1.2	5
36	Advances in the Elemental Composition Analysis of Propolis Samples from Different Regions of Turkey by X-Ray Fluorescence Spectrometry. <i>Biological Trace Element Research</i> , 2023, 201, 435-443.	1.9	4

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37	Component Analysis and Determination of Heavy Metal Accumulation in Euphorbia macroclada Boiss (Nigde, Turkey). Asian Journal of Chemistry, 2013, 25, 8545-8548.	0.1	3
38	THE CONTRIBUTION OF WEST MEDITERRANEAN CITIES (ANTALYA, ISPARTA AND BURDUR) TO TURKEY'S NATURAL STONES-MARBLE EXPORT. , 2016, , .		3
39	TAÄZLÜ KLORÜR (MERSİN) SAHİL SEDİMANLARINDA AĞIR METAL KÜÇÜK MİKTARLI JEOKİMYASAL VE ÇOK DEĞERLI İSTATİSTİK YAKLAŞIMLARLA İNCELENMESİ. Mühendislik Bilimleri Ve Tasarım Dergisi, 2020, 8, 1113-1125.	0.1	3
40	Explanation of the Sutlegen Bauxites to Some REE Contents by Statistical Approach and Inequality Expressions. Gazi University Journal of Science Part A:engineering and Innovation, 2021, 8, 391-401.	0.2	2
41	STATISTICAL ASSESSMENT OF RARE EARTH ELEMENTS OF BAUXITE DEPOSITS OF MINIM-MARTAP PLATEAU, CAMEROON. , 2016, , .		2
42	USE OF GRADED EXTRACTION METHOD TO DETERMINE THE SOURCE OF HEAVY METALS (ZN and FE) IN		