

# Mert Guney

## List of Publications by Year in descending order

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Version: 2024-02-01

46  
papers

1,233  
citations

394421

19  
h-index

377865

34  
g-index

46  
all docs

46  
docs citations

46  
times ranked

1379  
citing authors

#	ARTICLE	IF	CITATIONS
1	Exposure assessment and risk characterization from trace elements following soil ingestion by children exposed to playgrounds, parks and picnic areas. <i>Journal of Hazardous Materials</i> , 2010, 182, 656-664.	12.4	188
2	How is COVID-19 Experience Transforming Sustainability Requirements of Residential Buildings? A Review. <i>Sustainability</i> , 2020, 12, 8732.	3.2	102
3	Heavy Metals in Toys and Low-Cost Jewelry: Critical Review of U.S. and Canadian Legislations and Recommendations for Testing. <i>Environmental Science &amp; Technology</i> , 2012, 46, 4265-4274.	10.0	82
4	Impact of overland traffic on heavy metal levels in highway dust and soils of Istanbul, Turkey. <i>Environmental Monitoring and Assessment</i> , 2010, 164, 101-110.	2.7	80
5	Contamination by Ten Harmful Elements in Toys and Children's Jewelry Bought on the North American Market. <i>Environmental Science &amp; Technology</i> , 2013, 47, 5921-5930.	10.0	67
6	Lung bioaccessibility of As, Cu, Fe, Mn, Ni, Pb, and Zn in fine fraction (<math> < 20 \mu\text{m}</math>) from contaminated soils and mine tailings. <i>Science of the Total Environment</i> , 2017, 579, 378-386.	8.0	59
7	Lung bioaccessibility of contaminants in particulate matter of geological origin. <i>Environmental Science and Pollution Research</i> , 2016, 23, 24422-24434.	5.3	53
8	A Comprehensive Construction and Demolition Waste Management Model using PESTEL and 3R for Construction Companies Operating in Central Asia. <i>Sustainability</i> , 2019, 11, 1593.	3.2	53
9	In vitro dermal bioaccessibility of selected metals in contaminated soil and mine tailings and human health risk characterization. <i>Chemosphere</i> , 2018, 197, 42-49.	8.2	36
10	Soil Contamination in Areas Impacted by Military Activities: A Critical Review. <i>Sustainability</i> , 2020, 12, 9002.	3.2	36
11	Children's exposure to harmful elements in toys and low-cost jewelry: Characterizing risks and developing a comprehensive approach. <i>Journal of Hazardous Materials</i> , 2014, 271, 321-330.	12.4	35
12	Bioaccessibility of As, Cd, Cu, Ni, Pb, and Sb in Toys and Low-Cost Jewelry. <i>Environmental Science &amp; Technology</i> , 2014, 48, 1238-1246.	10.0	33
13	Readiness Assessment of Green Building Certification Systems for Residential Buildings during Pandemics. <i>Sustainability</i> , 2021, 13, 460.	3.2	32
14	Children's Exposure to Mercury-Contaminated Soils: Exposure Assessment and Risk Characterization. <i>Archives of Environmental Contamination and Toxicology</i> , 2013, 65, 345-355.	4.1	28
15	Detailed municipal solid waste composition analysis for Nur-Sultan City, Kazakhstan with implications for sustainable waste management in Central Asia. <i>Environmental Science and Pollution Research</i> , 2021, 28, 24406-24418.	5.3	25
16	A new stakeholder opinion-based rapid sustainability assessment method (RSAM) for existing residential buildings. <i>Sustainable Cities and Society</i> , 2020, 60, 102155.	10.4	25
17	Bioaccessibility and other key parameters in assessing oral exposure to PAH-contaminated soils and dust: A critical review. <i>Human and Ecological Risk Assessment (HERA)</i> , 2016, 22, 1396-1417.	3.4	23
18	Potentially toxic elements in toys and children's jewelry: A critical review of recent advances in legislation and in scientific research. <i>Environmental Pollution</i> , 2020, 264, 114627.	7.5	21

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19	Surface, Subsurface and Tribological Properties of Ti6Al4V Alloy Shot Peened under Different Parameters. <i>Materials</i> , 2020, 13, 4363.	2.9	19
20	Comparison of five artificial skin surface film liquids for assessing dermal bioaccessibility of metals in certified reference soils. <i>Science of the Total Environment</i> , 2019, 692, 595-601.	8.0	17
21	Destinations frequently impacted by dust storms originating from southwest Iran. <i>Atmospheric Research</i> , 2021, 248, 105264.	4.1	17
22	Impact of deforestation on soil carbon stock and its spatial distribution in the Western Black Sea Region of Turkey. <i>Journal of Environmental Management</i> , 2015, 147, 227-235.	7.8	16
23	Toxic Chemicals in Toys and Children's Products. <i>Environmental Science &amp; Technology</i> , 2011, 45, 3819-3819.	10.0	15
24	Estimating children's exposure to toxic elements in contaminated toys and children's jewelry via saliva mobilization. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2014, 49, 1218-1227.	1.7	15
25	Stakeholder based weights of new sustainability indicators providing pandemic resilience for residential buildings. <i>Sustainable Cities and Society</i> , 2021, 75, 103300.	10.4	15
26	Effects of the residential built environment on remote work productivity and satisfaction during COVID-19 lockdowns: An analysis of workers' perceptions. <i>Building and Environment</i> , 2022, 219, 109234.	6.9	15
27	Mercury (Hg) Contaminated Sites in Kazakhstan: Review of Current Cases and Site Remediation Responses. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8936.	2.6	14
28	Which qualities should built environment possess to ensure satisfaction of higher-education students with remote education during pandemics?. <i>Building and Environment</i> , 2022, 207, 108567.	6.9	13
29	Contamination by As, Hg, and Sb in a region with geogenic As anomaly and subsequent human health risk characterization. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 50.	2.7	12
30	Modification of Surface and Subsurface Properties of AA1050 Alloy by Shot Peening. <i>Materials</i> , 2021, 14, 6575.	2.9	11
31	Household Water and Energy Consumption Changes during COVID-19 Pandemic Lockdowns: Cases of the Kazakhstani Cities of Almaty, Shymkent, and Atyrau. <i>Buildings</i> , 2021, 11, 663.	3.1	11
32	Valorization of a treated soil via amendments: fractionation and oral bioaccessibility of Cu, Ni, Pb, and Zn. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 222.	2.7	9
33	The impact of hazelnuts in land-use changes on soil carbon and in situ soil respiration dynamics. <i>Journal of Environmental Management</i> , 2013, 129, 341-349.	7.8	8
34	Contamination by eleven harmful elements in children's jewelry and toys from Central Asian market. <i>Environmental Science and Pollution Research</i> , 2020, 27, 21071-21083.	5.3	8
35	Indicator rating methodology for Rapid Sustainability Assessment Method (RSAM) for existing residential buildings using opinions of residents. <i>MethodsX</i> , 2020, 7, 101105.	1.6	7
36	Distribution of potentially toxic soil elements along a transect across Kazakhstan. <i>Geoderma Regional</i> , 2020, 21, e00281.	2.1	6

#	ARTICLE	IF	CITATIONS
37	Environmental Partitioning, Spatial Distribution, and Transport of Atmospheric Mercury (Hg) Originating from a Site of Former Chlor-Alkali Plant. Atmosphere, 2021, 12, 275.	2.3	6
38	Effect of Lean4.0 on Sustainability Performance: A Review. Procedia CIRP, 2021, 103, 73-78.	1.9	5
39	Assessment of Distribution of Potentially Toxic Elements in Different Environmental Media Impacted by a Former Chlor-Alkali Plant. Sustainability, 2021, 13, 13829.	3.2	5
40	Potential Human Exposure to Mercury (Hg) in a Chlor-Alkali Plant Impacted Zone: Risk Characterization Using Updated Site Assessment Data. Sustainability, 2021, 13, 13816.	3.2	4
41	Assessment method for new sustainability indicators providing pandemic resilience for residential buildings. MethodsX, 2021, 8, 101577.	1.6	3
42	Public health risk assessment following exposure to PAH-contaminated soils - Specific considerations for bioaccessibility and other exposure parameters. Science of the Total Environment, 2019, 656, 1043-1045.	8.0	2
43	TAILORING SURFACE MORPHOLOGY AND TOPOGRAPHY OF SHOT-PEENED Ti6Al4V VIA GRIT BLASTING. Materiali in Tehnologije, 2021, 55, .	0.5	1
44	Effect of micro blasting process parameters on <sc>3D</sc> surface topography and surface properties of zirconia (<sc>Yâ€”TZP</sc>) ceramics. Engineering Reports, 2021, 3, e12358.	1.7	1
45	Discussion on: Dahab AA, Elhag DEA, Ahmed AB, Al-Obaid HA. Determination of elemental toxicity migration limits, bioaccessibility and risk assessment of essential childcare products. Environmental science and pollution research, 2016, 23, 3406â€”3413. Environmental Science and Pollution Research, 2016, 23, 18942-18944.	5.3	0
46	DiMIZA : A dispersion modeling based impact zone assessment of mercury (Hg) emissions from coalâ€”fired power plants and risk evaluation for inhalation exposure. Engineering Reports, 2021, 3, e12357.	1.7	0