

# Mert Guney

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9375654/publications.pdf>

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	Which qualities should built environment possess to ensure satisfaction of higher-education students with remote education during pandemics?. Building and Environment, 2022, 207, 108567.	6.9	13
2	Effects of the residential built environment on remote work productivity and satisfaction during COVID-19 lockdowns: An analysis of workersâ€™ perceptions. Building and Environment, 2022, 219, 109234.	6.9	15
3	Detailed municipal solid waste composition analysis for Nur-Sultan City, Kazakhstan with implications for sustainable waste management in Central Asia. Environmental Science and Pollution Research, 2021, 28, 24406-24418.	5.3	25
4	Destinations frequently impacted by dust storms originating from southwest Iran. Atmospheric Research, 2021, 248, 105264.	4.1	17
5	Readiness Assessment of Green Building Certification Systems for Residential Buildings during Pandemics. Sustainability, 2021, 13, 460.	3.2	32
6	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
7	TAILORING SURFACE MORPHOLOGY AND TOPOGRAPHY OF SHOT-PEENED Ti6Al4V VIA GRIT BLASTING. Materiali in Tehnologije, 2021, 55, .	0.5	1
8	Stakeholder based weights of new sustainability indicators providing pandemic resilience for residential buildings. Sustainable Cities and Society, 2021, 75, 103300.	10.4	15
9	Effect of Lean4.0 on Sustainability Performance: A Review. Procedia CIRP, 2021, 103, 73-78.	1.9	5
10	Modification of Surface and Subsurface Properties of AA1050 Alloy by Shot Peening. Materials, 2021, 14, 6575.	2.9	11
11	Effect of micro blasting process parameters on <sc>3D</sc> surface topography and surface properties of zirconia (<sc>Yâ€™ZP</sc>) ceramics. Engineering Reports, 2021, 3, e12358.	1.7	1
12	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
13	Assessment method for new sustainability indicators providing pandemic resilience for residential buildings. MethodsX, 2021, 8, 101577.	1.6	3
14	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
15	Household Water and Energy Consumption Changes during COVID-19 Pandemic Lockdowns: Cases of the Kazakhstani Cities of Almaty, Shymkent, and Atyrau. Buildings, 2021, 11, 663.	3.1	11
16	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
17	Contamination by As, Hg, and Sb in a region with geogenic As anomaly and subsequent human health risk characterization. Environmental Monitoring and Assessment, 2020, 192, 50.	2.7	12
18	Surface, Subsurface and Tribological Properties of Ti6Al4V Alloy Shot Peened under Different Parameters. Materials, 2020, 13, 4363.	2.9	19

#	ARTICLE	IF	CITATIONS
19	How is COVID-19 Experience Transforming Sustainability Requirements of Residential Buildings? A Review. <i>Sustainability</i> , 2020, 12, 8732.	3.2	102
20	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
21	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
22	Soil Contamination in Areas Impacted by Military Activities: A Critical Review. <i>Sustainability</i> , 2020, 12, 9002.	3.2	36
23	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
24	Distribution of potentially toxic soil elements along a transect across Kazakhstan. <i>Geoderma Regional</i> , 2020, 21, e00281.	2.1	6
25	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
26	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
27	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
28	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
29	Public health risk assessment following exposure to PAH-contaminated soils - Specific considerations for bioaccessibility and other exposure parameters. <i>Science of the Total Environment</i> , 2019, 656, 1043-1045.	8.0	2
30	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
31	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
32	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
33	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. <i>Environmental science and pollution research</i> , 2016, 23, 3406-3413. <i>Environmental Science and Pollution Research</i> , 2016, 23, 18942-18944.	5.3	0
34	Lung bioaccessibility of contaminants in particulate matter of geological origin. <i>Environmental Science and Pollution Research</i> , 2016, 23, 24422-24434.	5.3	53
35	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
36	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

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37	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
38	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
39	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
40	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
41	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
42	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
43	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
44	Toxic Chemicals in Toys and Children's Products. <i>Environmental Science &amp; Technology</i> , 2011, 45, 3819-3819.	10.0	15
45	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
46	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