

Orkun Ersoy

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

535
citations

687363

13
h-index

642732

23
g-index

25
all docs

25
docs citations

25
times ranked

688
citing authors

#	ARTICLE	IF	CITATIONS
1	Correlation of ignimbrites in the central Anatolian volcanic province using zircon and plagioclase ages and zircon compositions. <i>Journal of Volcanology and Geothermal Research</i> , 2012, 213-214, 83-97.	2.1	101
2	Preparation and characterization of sepiolite-based phase change material nanocomposites for thermal energy storage. <i>Applied Thermal Engineering</i> , 2016, 107, 575-582.	6.0	78
3	Easy and industrially applicable impregnation process for preparation of diatomite-based phase change material nanocomposites for thermal energy storage. <i>Applied Thermal Engineering</i> , 2015, 91, 759-766.	6.0	49
4	Fabrication and characterization of form-stable phase change material/xeonotlite microcomposites. <i>Solar Energy Materials and Solar Cells</i> , 2017, 168, 130-135.	6.2	35
5	Surface area and volume measurements of volcanic ash particles using micro-computed tomography (micro-CT): A comparison with scanning electron microscope (SEM) stereoscopic imaging and geometric considerations. <i>Journal of Volcanology and Geothermal Research</i> , 2010, 196, 281-286.	2.1	34
6	Quantitative analysis on volcanic ash surfaces: Application of extended depth-of-field (focus) algorithm for light and scanning electron microscopy and 3D reconstruction. <i>Micron</i> , 2008, 39, 128-136.	2.2	30
7	Texture discrimination of volcanic ashes from different fragmentation mechanisms: A case study, Mount Nemrut stratovolcano, eastern Turkey. <i>Computers and Geosciences</i> , 2006, 32, 936-946.	4.2	29
8	Surface area and volume measurements of volcanic ash particles by SEM stereoscopic imaging. <i>Journal of Volcanology and Geothermal Research</i> , 2010, 190, 290-296.	2.1	25
9	Experimental study on preparation of lauric acid/microwave-modified diatomite phase change material composites. <i>Solar Energy Materials and Solar Cells</i> , 2019, 194, 89-94.	6.2	24
10	Volcanological evolution and caldera forming eruptions of Mt. Nemrut (Eastern Turkey). <i>Journal of Volcanology and Geothermal Research</i> , 2012, 245-246, 21-39.	2.1	19
11	Clustering of volcanic ash arising from different fragmentation mechanisms using Kohonen self-organizing maps. <i>Computers and Geosciences</i> , 2007, 33, 821-828.	4.2	16
12	Development of pentadecane/diatomite and pentadecane/sepiolite nanocomposites fabricated by different compounding methods for thermal energy storage. <i>International Journal of Energy Research</i> , 2019, 43, 6510-6520.	4.5	15
13	Chlorine degassing constrained by cosmogenic ³⁶ Cl and radiocarbon dating of early Holocene rhyodacitic lava domes on Erciyes stratovolcano, central Turkey. <i>Journal of Volcanology and Geothermal Research</i> , 2019, 369, 263-275.	2.1	15
14	Comparison of the effect of reactive and nonreactive treatments on the dispersion characteristics of a calcium carbonate (calcite) filler in a polypropylene matrix composite. <i>Polymer Composites</i> , 2020, 41, 3483-3490.	4.6	13
15	The effect of dispersion quality of fillers on soundproofing properties of acrylonitrile butadiene styrene/dense filler composites: Barite vs Magnetite. <i>Polymer Composites</i> , 2020, 41, 1045-1052.	4.6	11
16	Contrasting fragmentation and transportation dynamics during the emplacement of DikkartÄ±n rhyodacitic dome; Erciyes stratovolcano, central Turkey. <i>Mediterranean Geoscience Reviews</i> , 2019, 1, 223-242.	1.2	8
17	Volcanic ash and tsunami record of the Minoan Late Bronze Age Eruption (Santorini) in a distal setting, southwestern Turkey. <i>Journal of Quaternary Science</i> , 2021, 36, 586-597.	2.1	8
18	Effect of Calcium Carbonate Particle Size on the Scratch Resistance of Rapid Alkyd-Based Wood Coatings. <i>Coatings</i> , 2021, 11, 340.	2.6	6

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19	Borate mineral loading into acrylic bone cements to gain cost-effectivity, enhanced antibacterial resistivity, and better cellular integration properties. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2021, 32, 980-993.	3.5	4
20	A Novel Flux That Determines the Physico-Chemical Properties of Calcined Diatomite in Its Industrial Use as a Filler and Filter Aid: Thenardite (Na ₂ SO ₄). <i>Crystals</i> , 2022, 12, 503.	2.2	4
21	Geochemical Evaluation of Suitability of Central Anatolian (Turkey) Volcanic Rocks for Rock Fiber Production. <i>Natural Resources Research</i> , 2021, 30, 1093-1104.	4.7	3
22	Insecticidal Potential of Native Diatomaceous Earth Against <i>Sitophilus granarius</i> (Coleoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622	0.1	3
23	Effects of Grinding Aids Used in Grinding Calcium Carbonate (CaCO ₃) Filler on the Properties of Water-Based Interior Paints. <i>Coatings</i> , 2022, 12, 44.	2.6	3
24	Effect of engraving speeds of CO ₂ laser irradiation on in-ceram alumina roughness: a pilot study. <i>Acta Odontologica Scandinavica</i> , 2015, 73, 280-284.	1.6	2
25	Differentiation Index: A New Proxy for Determining Suitability of Volcanic Rocks for Production of Different Fiber Types. <i>Natural Resources Research</i> , 2022, 31, 117.	4.7	0