

Esther EnrÃquez

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

468
citations

687363

13
h-index

752698

20
g-index

32
all docs

32
docs citations

32
times ranked

540
citing authors

#	ARTICLE	IF	CITATIONS
1	Alkali-activated and hybrid materials: Alternative to Portland cement as a storage media for solar thermal energy. <i>Boletín De La Sociedad Espanola De Ceramica Y Vidrio</i> , 2023, 62, 160-173.	1.9	5
2	Engineered feldspar-based ceramics: A review of their potential in ceramic industry. <i>Journal of the European Ceramic Society</i> , 2022, 42, 307-326.	5.7	21
3	Transparent high conductive Titanium oxynitride nanofilms obtained by nucleation control for sustainable optoelectronics. <i>Applied Surface Science</i> , 2022, 574, 151631.	6.1	7
4	Evaluation of the interaction of solar radiation with colored glasses and its thermal behavior. <i>Journal of Non-Crystalline Solids</i> , 2022, 579, 121376.	3.1	6
5	The challenge of antimicrobial glazed ceramic surfaces. <i>Ceramics International</i> , 2022, 48, 7393-7404.	4.8	13
6	Improvement of thermal efficiency in cement mortars by using synthetic feldspars. <i>Construction and Building Materials</i> , 2021, 269, 121279.	7.2	8
7	Towards more sustainable building based on modified Portland cements through partial substitution by engineered feldspars. <i>Construction and Building Materials</i> , 2021, 269, 121334.	7.2	13
8	Chloride binding capacity of metakaolin and nanosilica supplementary pozzolanic cementitious materials in aqueous phase. <i>Construction and Building Materials</i> , 2021, 298, 123903.	7.2	7
9	Ceramic Injection Moulding of engineered glass-ceramics: Boosting the rare-earth free photoluminescence. <i>Ceramics International</i> , 2020, 46, 9334-9341.	4.8	11
10	Tailoring dielectric properties of cordierite-mullite ceramics through Ceramic Injection Moulding. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2020, 262, 114783.	3.5	7
11	Nanostructured Au(111)/Oxide Epitaxial Heterostructures with Tailoring Plasmonic Response by a One-Step Strategy. <i>Journal of Physical Chemistry C</i> , 2019, 123, 25294-25302.	3.1	7
12	Study of the crystallization in fast sintered Na-rich plagioclase glass-ceramic. <i>Ceramics International</i> , 2019, 45, 8899-8907.	4.8	14
13	Absence of surface flaking in hierarchical glass-ceramic coating: High impact resistant ceramic tiles. <i>Journal of the European Ceramic Society</i> , 2019, 39, 4450-4456.	5.7	11
14	Enhanced wear resistance of engineered glass-ceramic by nanostructured self-lubrication. <i>Materials and Design</i> , 2019, 168, 107623.	7.0	23
15	Tunable UV/blue luminescence in rare-earth free glass-ceramic phosphor. <i>Journal of the European Ceramic Society</i> , 2019, 39, 3221-3228.	5.7	12
16	Structural insights of hierarchically engineered feldspars by confocal Raman microscopy. <i>Journal of Raman Spectroscopy</i> , 2019, 50, 741-754.	2.5	8
17	Microstructural study of dielectric breakdown in glass-ceramics insulators. <i>Journal of the European Ceramic Society</i> , 2019, 39, 376-383.	5.7	14
18	Enhanced luminescence in rare-earth-free fast-sintering glass-ceramic. <i>Optica</i> , 2019, 6, 668.	9.3	16

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19	Hierarchical micro-nanostructured albite-based glass-ceramic for high dielectric strength insulators. <i>Journal of the European Ceramic Society</i> , 2018, 38, 2759-2766.	5.7	31
20	Model to evaluate the thermal comfort factor: Dynamic measurement of heat flow in building materials. <i>Journal of Building Engineering</i> , 2018, 20, 344-352.	3.4	2
21	ZnO Nanoporous Spheres with Broad-Spectrum Antimicrobial Activity by Physicochemical Interactions. <i>ACS Applied Nano Materials</i> , 2018, 1, 3214-3225.	5.0	39
22	Multifunctional ZnO/Fe-O and graphene oxide nanocomposites: Enhancement of optical and magnetic properties. <i>Journal of the European Ceramic Society</i> , 2017, 37, 3747-3758.	5.7	8
23	New strategy to mitigate urban heat island effect: Energy saving by combining high albedo and low thermal diffusivity in glass ceramic materials. <i>Solar Energy</i> , 2017, 149, 114-124.	6.1	44
24	Effective Spray Deposition of Thin Films Obtained by Sol-Gel Process onto Complex Pieces of Sanitary Ware. <i>Journal of the American Ceramic Society</i> , 2016, 99, 72-78.	3.8	5
25	Efficient encapsulation of low dimensional particles in thin films to obtain functional coatings. <i>Materials and Design</i> , 2016, 104, 87-94.	7.0	2
26	Tailoring of the electrical properties of carbon black-silica coatings for de-icing applications. <i>Ceramics International</i> , 2015, 41, 2735-2743.	4.8	17
27	A low-energy milling approach to reduce particle size maintains the luminescence of strontium aluminates. <i>RSC Advances</i> , 2015, 5, 42559-42567.	3.6	30
28	Conductive coatings with low carbon-black content by adding carbon nanofibers. <i>Composites Science and Technology</i> , 2014, 93, 9-16.	7.8	26
29	Characterization of Carbon Nanoparticles in Thin-Film Nanocomposites by Confocal Raman Microscopy. <i>Journal of Physical Chemistry C</i> , 2014, 118, 10488-10494.	3.1	16
30	Determination of effective electrode configuration for electrical measurements of carbon thin conductive coatings. <i>Materials Science in Semiconductor Processing</i> , 2014, 23, 110-114.	4.0	2
31	Quinine doped hybrid sol-gel coatings for wave guiding and optical applications. <i>Journal of Sol-Gel Science and Technology</i> , 2012, 62, 324-332.	2.4	2
32	Highly conductive coatings of carbon black/silica composites obtained by a sol-gel process. <i>Carbon</i> , 2012, 50, 4409-4417.	10.3	41