Sergio Yesid Gómez González

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9105371/publications.pdf

Version: 2024-02-01

26 papers

722 citations

687335 13 h-index 25 g-index

26 all docs

26 does citations

times ranked

26

954 citing authors

#	Article	IF	CITATIONS
1	Current developments in reversible solid oxide fuel cells. Renewable and Sustainable Energy Reviews, 2016, 61, 155-174.	16.4	260
2	Transparent ceramic and glass-ceramic materials for armor applications. Ceramics International, 2017, 43, 13031-13046.	4.8	89
3	Synergetic effect of photocatalysis and ozonation for enhanced tetracycline degradation using highly macroporous photocatalytic supports. Chemical Engineering and Processing: Process Intensification, 2020, 149, 107838.	3.6	47
4	Nanocrystalline yttria-doped zirconia sintered by fast firing. Materials Letters, 2016, 166, 196-200.	2.6	38
5	Electrospinning of cellulose using ionic liquids: An overview on processing and applications. European Polymer Journal, 2021, 147, 110283.	5.4	31
6	Adsorption and desorption of water-soluble naphthenic acid in simulated offshore oilfield produced water. Chemical Engineering Research and Design, 2021, 145, 262-272.	5.6	30
7	Predicting powder densification during sintering. Journal of the European Ceramic Society, 2018, 38, 1736-1741.	5.7	24
8	High performance magnetically recoverable Fe3O4 nanocatalysts: fast microwave synthesis and photo-fenton catalysis under visible-light. Chemical Engineering and Processing: Process Intensification, 2021, 166, 108438.	3.6	22
9	Synthesis and oxygen transport properties of La2â^'ySryNi1â^'xMoxO4+δ. Solid State Ionics, 2016, 292, 38-44.	2.7	19
10	The use of oilfield gaseous byproducts as extractants of recalcitrant naphthenic acids from synthetic produced water. Separation and Purification Technology, 2020, 248, 117123.	7.9	18
11	xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1"> <mml:mrow><mml:msub><mml:mrow><mml:mtext>Al</mml:mtext></mml:mrow><mml:mn mathvariant="bold">2</mml:mn></mml:msub><mml:msub><mml:mtext>O</mml:mtext><mml:mn mathvariant="bold">3</mml:mn></mml:msub></mml:mrow> and YSZ Foams Produced by	1.8	16
12	Replica. Advances in Materials Science and Engineering, 2012, 2012, 1-9. Harsh environment resistant - antibacterial zinc oxide/Polyetherimide electrospun composite scaffolds. Materials Science and Engineering C, 2019, 103, 109859.	7.3	16
13	Are TiO ₂ nanoparticles safe for photocatalysis in aqueous media?. Nanoscale Advances, 2020, 2, 4951-4960.	4.6	14
14	ZrO2 foams for porous radiant burners. Journal of Materials Science, 2009, 44, 3466-3471.	3.7	13
15	Perovskite-based Ca-Ni-Fe oxides for azo pollutants fast abatement through dark catalysis. Applied Catalysis B: Environmental, 2021, 284, 119747.	20.2	13
16	Eco-Friendly Manufacturing of Nano-TiO2 Coated Cotton Textile with Multifunctional Properties. Fibers and Polymers, 2020, 21, 90-102.	2.1	12
17	Treatment of real oilfield produced water by liquid-liquid extraction and efficient phase separation in a mixer-settler based on phase inversion. Chemical Engineering Journal, 2021, 417, 127926.	12.7	12
18	Biopolymer-hydrophobic drug fibers and the delivery mechanisms for sustained release applications. European Polymer Journal, 2019, 112, 400-410.	5.4	11

#	Article	IF	CITATIONS
19	Enhanced LSCF oxygen deficiency through hydrothermal synthesis. Ceramics International, 2018, 44, 20671-20676.	4.8	8
20	Fast microwaveâ€assisted hydrothermal synthesis of TiNb 2 O 7 nanoparticles. International Journal of Ceramic Engineering & Science, 2019, 1, 235-240.	1.2	6
21	Low-energy microwave synthesis and cold sintering of nanograined TiO2-Nb2O5. Materials Letters, 2020, 278, 128418.	2.6	5
22	Electrospun Polycaprolactone Scaffolds Using an Ionic Liquid as Alternative Solvent: Morphometric, Mechanical and Biological Properties. ChemistrySelect, 2020, 5, 14050-14055.	1.5	5
23	High heating rate sintering and microstructural evolution assessment using the discrete element method. Open Ceramics, 2021, 8, 100182.	2.0	5
24	Fast-fired, nanograined titanium niobate (TiNb2O7) with enhanced dielectric properties. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2020, 261, 114650.	3.5	4
25	SiOC and SiCN-based ceramic supports for catalysts and photocatalysts. Microporous and Mesoporous Materials, 2021, 327, 111435.	4.4	3
26	Ultrafast reactionâ€sintering of grain sizeâ€controlled titanium niobate from TiO 2 and Nb 2 O 5. International Journal of Ceramic Engineering & Science, 0, , .	1,2	1