

Sergio Yesid Gmez Gonzlez

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

26

papers

417

citations

10

h-index

20

g-index

26

ext. papers

572

ext. citations

5.7

avg, IF

4.42

L-index

#	Paper	IF	Citations
26	Electrospinning of cellulose using ionic liquids: An overview on processing and applications. <i>European Polymer Journal</i> , 2021 , 147, 110283	5.2	10
25	Adsorption and desorption of water-soluble naphthenic acid in simulated offshore oilfield produced water. <i>Chemical Engineering Research and Design</i> , 2021 , 145, 262-272	5.5	15
24	Perovskite-based Ca-Ni-Fe oxides for azo pollutants fast abatement through dark catalysis. <i>Applied Catalysis B: Environmental</i> , 2021 , 284, 119747	21.8	3
23	Treatment of real oilfield produced water by liquid-liquid extraction and efficient phase separation in a mixer-settler based on phase inversion. <i>Chemical Engineering Journal</i> , 2021 , 417, 127926	14.7	1
22	High performance magnetically recoverable Fe ₃ O ₄ nanocatalysts: fast microwave synthesis and photo-fenton catalysis under visible-light. <i>Chemical Engineering and Processing: Process Intensification</i> , 2021 , 166, 108438	3.7	5
21	SiOC and SiCN-based ceramic supports for catalysts and photocatalysts. <i>Microporous and Mesoporous Materials</i> , 2021 , 327, 111435	5.3	0
20	High heating rate sintering and microstructural evolution assessment using the discrete element method. <i>Open Ceramics</i> , 2021 , 8, 100182	3.3	1
19	Electrospun Polycaprolactone Scaffolds Using an Ionic Liquid as Alternative Solvent: Morphometric, Mechanical and Biological Properties. <i>ChemistrySelect</i> , 2020 , 5, 14050-14055	1.8	1
18	Eco-Friendly Manufacturing of Nano-TiO ₂ Coated Cotton Textile with Multifunctional Properties. <i>Fibers and Polymers</i> , 2020 , 21, 90-102	2	6
17	Synergetic effect of photocatalysis and ozonation for enhanced tetracycline degradation using highly macroporous photocatalytic supports. <i>Chemical Engineering and Processing: Process Intensification</i> , 2020 , 149, 107838	3.7	26
16	The use of oilfield gaseous byproducts as extractants of recalcitrant naphthenic acids from synthetic produced water. <i>Separation and Purification Technology</i> , 2020 , 248, 117123	8.3	10
15	Are TiO ₂ nanoparticles safe for photocatalysis in aqueous media?. <i>Nanoscale Advances</i> , 2020 , 2, 4951-4960	9.0	8
14	Low-energy microwave synthesis and cold sintering of nanograined TiO ₂ -Nb ₂ O ₅ . <i>Materials Letters</i> , 2020 , 278, 128418	3.3	2
13	Fast-fired, nanograined titanium niobate (TiNb ₂ O ₇) with enhanced dielectric properties. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2020 , 261, 114650	3.1	3
12	Biopolymer-hydrophobic drug fibers and the delivery mechanisms for sustained release applications. <i>European Polymer Journal</i> , 2019 , 112, 400-410	5.2	10
11	Harsh environment resistant - antibacterial zinc oxide/Polyetherimide electrospun composite scaffolds. <i>Materials Science and Engineering C</i> , 2019 , 103, 109859	8.3	12
10	Fast microwave-assisted hydrothermal synthesis of TiNb ₂ O ₇ nanoparticles. <i>International Journal of Ceramic Engineering & Science</i> , 2019 , 1, 235-240	2	3

9	Predicting powder densification during sintering. <i>Journal of the European Ceramic Society</i> , 2018 , 38, 1736-1741	16	
8	Enhanced LSCF oxygen deficiency through hydrothermal synthesis. <i>Ceramics International</i> , 2018 , 44, 20671-20676	5.1	4
7	Transparent ceramic and glass-ceramic materials for armor applications. <i>Ceramics International</i> , 2017 , 43, 13031-13046	5.1	43
6	Nanocrystalline yttria-doped zirconia sintered by fast firing. <i>Materials Letters</i> , 2016 , 166, 196-200	3.3	24
5	Synthesis and oxygen transport properties of $\text{La}_{2-x}\text{Sr}_x\text{Ni}_{1-x}\text{MoxO}_{4+\delta}$. <i>Solid State Ionics</i> , 2016 , 292, 38-44	3.3	13
4	Current developments in reversible solid oxide fuel cells. <i>Renewable and Sustainable Energy Reviews</i> , 2016 , 61, 155-174	16.2	178
3	Relationship between Rheological Behaviour and Final Structure of Al_2O_3 and YSZ Foams Produced by Replica. <i>Advances in Materials Science and Engineering</i> , 2012 , 2012, 1-9	1.5	11
2	ZrO ₂ foams for porous radiant burners. <i>Journal of Materials Science</i> , 2009 , 44, 3466-3471	4.3	11
1	Ultrafast reaction-sintering of grain size-controlled titanium niobate from TiO ₂ and Nb ₂ O ₅ . <i>International Journal of Ceramic Engineering & Science</i> ,	2	1