

# Fauze JacÃ³ Anaissi

## List of Publications by Year in descending order

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60  
papers

801  
citations

471509

17  
h-index

552781

26  
g-index

60  
all docs

60  
docs citations

60  
times ranked

877  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of Zinc Oxide Nanoparticles by Ecofriendly Routes: Adsorbent for Copper Removal From Wastewater. <i>Frontiers in Chemistry</i> , 2020, 8, 571790.	3.6	82
2	Electrochemical conditioning of vanadium(V) pentoxide xerogel films. <i>Electrochemistry Communications</i> , 1999, 1, 332-335.	4.7	46
3	Iron oxide nanoparticles obtained from steel waste recycling as a green alternative for Congo red dye fast adsorption. <i>Applied Surface Science</i> , 2021, 546, 149126.	6.1	46
4	Electrochemical properties of assembled polypyrrole/V2O5 xerogel films. <i>Electrochimica Acta</i> , 2000, 46, 547-554.	5.2	36
5	Electrochemical and corrosion studies of poly(nickel-tetraaminophthalocyanine) on carbon steel. <i>Electrochimica Acta</i> , 2006, 52, 519-526.	5.2	36
6	Synthesis of green cool pigments (CoxZn1-xO) for application in NIR radiation reflectance. <i>Journal of Alloys and Compounds</i> , 2019, 780, 17-24.	5.5	36
7	Synthesis and characterization of iron oxide pigments through the method of the forced hydrolysis of inorganic salts. <i>Dyes and Pigments</i> , 2015, 120, 271-278.	3.7	34
8	Sustainable innovative method to synthesize different shades of iron oxide pigments. <i>Dyes and Pigments</i> , 2017, 137, 403-409.	3.7	32
9	Iron oxyhydroxide nanostructured in montmorillonite clays: Preparation and characterization. <i>Journal of Colloid and Interface Science</i> , 2010, 349, 49-55.	9.4	29
10	A New Insight on the Preparation of Stabilized Alpha-Nickel Hydroxide Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 3985-3996.	0.9	28
11	Long-term aging of vanadium(V) oxide xerogel precursor solutions: structural and electrochemical implications. <i>Electrochimica Acta</i> , 2001, 47, 441-450.	5.2	24
12	Hybrid polyaniline/bentonite vanadium(V) oxide nanocomposites. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2003, 347, 374-381.	5.6	24
13	Cobalt-modified Brazilian bentonites: Preparation, characterisation, and thermal stability. <i>Applied Clay Science</i> , 2011, 51, 187-191.	5.2	24
14	Modified electrodes based on mixed bentonite vanadium(V) oxide xerogels. <i>Journal of Electroanalytical Chemistry</i> , 1999, 464, 48-53.	3.8	21
15	Influence of alkaline cation on the electrochemical behavior of stabilized alpha-Ni(OH)2. <i>Journal of Solid State Electrochemistry</i> , 2014, 18, 2279-2287.	2.5	21
16	Structural refinement and morphology of synthetic akaganite crystals, [Fe <sup>2+</sup> -FeO(OH)]. <i>Materials Letters</i> , 2013, 104, 17-20.	2.6	20
17	Preparation and characterization of colloidal Ni(OH)2/bentonite composites. <i>Materials Research Bulletin</i> , 2009, 44, 970-976.	5.2	19
18	Synthesis and Characterization of Ag/ZnO Nanoparticles for Bacteria Disinfection in Water. <i>Nanomaterials</i> , 2022, 12, 1764.	4.1	19

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19	Preparation and properties of polypyrrole/bentonite/vanadium (V) oxide ternary composites. <i>Materials Research Bulletin</i> , 2002, 37, 683-695.	5.2	17
20	Unexpected effect of drying method on the microstructure and electrocatalytic properties of bentonite/alpha-nickel hydroxide nanocomposite. <i>Journal of Power Sources</i> , 2015, 297, 408-412.	7.8	15
21	Citrus pectin as a template for synthesis of colorful aluminates. <i>Dyes and Pigments</i> , 2016, 125, 124-131.	3.7	15
22	Characterization and properties of mixed bentonite-vanadium(V) oxide xerogels. <i>Materials Research Bulletin</i> , 2001, 36, 289-306.	5.2	14
23	Da cor Ă cor inexistente: uma reflexĂo sobre espectros eletrĂnicos e efeitos cromĂticos. <i>Quimica Nova</i> , 2005, 28, 897-900.	0.3	13
24	Effect of Precipitating Agents on the Structural, Morphological, and Colorimetric Characteristics of Nickel Hydroxide Particles. <i>Colloids and Interface Science Communications</i> , 2018, 23, 6-13.	4.1	13
25	Porphyrin doped vanadium pentoxide xerogel as electrode material. <i>Solid State Sciences</i> , 2003, 5, 621-628.	3.2	11
26	Ni/Carbon Hybrid Prepared by Hydrothermal Carbonization and Thermal Treatment as Support for PtRu Nanoparticles for Direct Methanol Fuel Cell. <i>Journal of Materials Science and Technology</i> , 2013, 29, 747-751.	10.7	11
27	Phenol degradation using the mixed material clay/Fe immobilized on glass slides. <i>Environmental Science and Pollution Research</i> , 2015, 22, 894-902.	5.3	10
28	Enhanced Stability and Conductivity of $\text{Ni}(\text{OH})_2/\text{Smectite}$ Clay Composites. <i>Journal of the Electrochemical Society</i> , 2016, 163, A2356-A2361.	2.9	9
29	Study of physico-chemical properties and in vitro antimicrobial activity of hydroxyapatites obtained from bone calcination. <i>Progress in Biomaterials</i> , 2019, 8, 1-9.	4.5	9
30	Smectitic clays enriched with ferric ions for the rapid removal of anionic dyes in aqueous media. <i>Clay Minerals</i> , 2020, 55, 12-23.	0.6	9
31	Colored aluminates pigments obtained from metallic aluminum waste, an opportunity in the circular economy. <i>Cleaner Engineering and Technology</i> , 2021, 5, 100313.	4.0	9
32	Clay and charcoal composites: characterisation and application of factorial design analysis for dye adsorption. <i>Chemical Papers</i> , 2014, 68, .	2.2	8
33	CaracterizaĂo e propriedades do material coloidal nanoestruturado $\hat{\text{I}}^2\text{-FeOOH/bentonita}$ . <i>Quimica Nova</i> , 2009, 32, 2006-2010.	0.3	7
34	Effects of precursor salt on colloidal cobalt oxyhydroxides composition and its application in non-enzymatic glucose. <i>South African Journal of Chemistry</i> , 2017, 70, .	0.6	7
35	Preparation, Characterization of Bentonite Clay/Activated Charcoal Composites and $2^3$ Factorial Design Application in Adsorption Studies of Methylene Blue Dye. <i>Revista Virtual De Quimica</i> , 2014, 6, .	0.4	7
36	Preparation of PtRu/C electrocatalysts by hydrothermal carbonization using different carbon sources. <i>Studies in Surface Science and Catalysis</i> , 2010, , 551-554.	1.5	6

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37	Ecofriendly synthesis of Zn-abietate complex derived from Pinus elliottii resin and its application as an antibacterial pigment against S. aureus and E. coli. Dyes and Pigments, 2022, 197, 109946.	3.7	6
38	Structural characterization and thermal behavior of lanthanide(III)-vanadium(V)-oxide xerogels. Materials Research Bulletin, 1998, 33, 1783-1792.	5.2	5
39	Catechol incorporation and detection using bentonite-vanadium(V) oxide xerogels. Sensors and Actuators B: Chemical, 2005, 110, 175-180.	7.8	5
40	Experimental data for green synthesis of Zn-abietate complex from natural resin. Data in Brief, 2022, 40, 107776.	1.0	3
41	Carbon Ceramic Electrodes Modified with Alpha-Nickel Hydroxide Applied to the Electro-Oxidation of Methanol in Alkaline Medium. ECS Transactions, 2014, 61, 319-330.	0.5	2
42	Facile Synthesis Strategy to Create Mesoporous Magnetic Iron Oxides Using Pectin-Based Precursors. Journal of the Brazilian Chemical Society, 0, , .	0.6	2
43	Decolorization kinetics of the direct red 23 diazo dye from zinc/cobalt mixed oxide semiconductor using oxalate as a precursor. Reaction Kinetics, Mechanisms and Catalysis, 2016, 117, 815-827.	1.7	2
44	Compreendendo as propriedades (estrutural, espectroscópica, colorimétrica e térmica) de sais de nÁquel. Revista Materia, 2018, 23, .	0.2	2
45	Purification and Characterization of Colophony Extracted of Pinus elliottii (Engelm, var. elliottii). Orbital, 2018, 10, .	0.3	2
46	Flavonoides presentes nos extratos da campomanesia xanthocarpa Berg. Brazilian Journal of Development, 2019, 5, 8983-8991.	0.1	2
47	Preparation of Ni/Carbon Hybrids by Hydrothermal Carbonization and Thermal Treatment for Application as Supports for PtRu/C Electrocatalysts. ECS Transactions, 2012, 43, 305-312.	0.5	1
48	Zirconium Oxide and Iron Zirconate Obtained from Citrus Pectin and Nitrates Applied in the Photo-fenton-like Process. Orbital, 2018, 10, .	0.3	1
49	Transformação de alumínio metálico em hidróxido de alumínio (Al(OH)3) Uma ação para o desenvolvimento sustentável. Brazilian Journal of Development, 2020, 6, 34178-34190.	0.1	1
50	Synthesis, Characterization and Study of the Photocatalytic Activity of the Ti/Fe Mixed Oxide. Journal of Advanced Oxidation Technologies, 2014, 17, .	0.5	0
51	Study of the Addition Effect of Fe <sub>2</sub> O <sub>3</sub> and Al <sub>2</sub> O <sub>3</sub> Originated from Pectin Citrus in the Glassy Phase on the Microstructural Development and in the Mechanical Characteristics of the Triaxial Ceramics. Materials Science Forum, 2018, 912, 60-64.	0.3	0
52	Clay Effect in the Electrochemical Stabilization of Colloidal CoO(OH) Applied as a Modified Electrode. Orbital, 2016, 8, .	0.3	0
53	Influence of the Calcination Temperature on the Colorimetric Properties of Co, Fe and Ni Aluminates in Solid State Reactions Aided by Citrus Pectin. Orbital, 2018, 10, .	0.3	0
54	7th Journey of Postgraduate Chemistry. Orbital, 2018, 10, .	0.3	0

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55	Avaliação teórica do uso do oxihidróxido de vanádio trivalente na detecção eletroquímica de nandrolona. Revista Colombiana De Ciencias Químico Farmacéuticas, 2018, 47, 400-409.	0.1	0
56	Structural and Morphological Behaviour and Study of the Colorimetric and Reflective Properties of Commercial Inorganic Pigments. South African Journal of Chemistry, 2019, 72, 215-221.	0.6	0
57	Síntese e caracterização de híbridos PtRu/Carbono com diferentes cargas metálicas pelo método da carbonização hidrotérmica. Ciência E Natura, 0, 42, e3.	0.0	0
58	Design, Synthesis, and Application of Colored Cobalt Pigments (Pink, Blue, Green). Journal of the Brazilian Chemical Society, 0, , .	0.6	0
59	Influência da fonte de carbono nas propriedades de híbridos Ni/Carbono preparados por carbonização hidrotérmica e tratamento térmico e utilizados como suportes para eletrocatalisadores PtRu/C. Revista Materia, 2020, 25, .	0.2	0
60	Adsorptive removal of Congo red by macroporous ZnO obtained from citrus pectin gelation and reuse as a hybrid pigment. Particulate Science and Technology, 0, , 1-11.	2.1	0