

Susana Yáñez-Vilar

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

560
citations

623188

14
h-index

642321

23
g-index

25
all docs

25
docs citations

25
times ranked

951
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of Temperature and Pressure on the Multisensitive Multiferroic Dicyanamide Framework [TPrA] [Mn(dca) ₃] with Perovskite-like Structure. <i>Inorganic Chemistry</i> , 2015, 54, 11680-11687.	1.9	70
2	Development of Superparamagnetic Nanoparticles Coated with Polyacrylic Acid and Aluminum Hydroxide as an Efficient Contrast Agent for Multimodal Imaging. <i>Nanomaterials</i> , 2019, 9, 1626.	1.9	59
3	Coexistence of Three Ferroic Orders in the Multiferroic Compound [(CH ₃) ₃ CH ₂ N][Mn(N ₃) ₃] with Perovskite-Like Structure. <i>Chemistry - A European Journal</i> , 2016, 22, 7863-7870.	1.7	54
4	Giant barocaloric tunability in [(CH ₃) ₃ CH ₂ CH ₂ CH ₂) ₄ N]Cd[N(CN) ₂] ₃ hybrid perovskite. <i>Journal of Materials Chemistry C</i> , 2018, 6, 9867-9874.	2.7	50
5	Cubic Anisotropic Co- and Zn-Substituted Ferrite Nanoparticles as Multimodal Magnetic Agents. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 9017-9031.	4.0	34
6	Detoxification agents based on magnetic nanostructured particles as a novel strategy for mycotoxin mitigation in food. <i>Food Chemistry</i> , 2019, 294, 60-66.	4.2	32
7	Hybrid Nanostructured Magnetite Nanoparticles: From Bio-Detection and Theragnostics to Regenerative Medicine. <i>Magnetochemistry</i> , 2020, 6, 4.	1.0	32
8	Tribological Behavior of Nanolubricants Based on Coated Magnetic Nanoparticles and Trimethylolpropane Trioleate Base Oil. <i>Nanomaterials</i> , 2020, 10, 683.	1.9	32
9	Multicatalysis Combining 3D-Printed Devices and Magnetic Nanoparticles in One-Pot Reactions: Steps Forward in Compartmentation and Recyclability of Catalysts. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 25283-25294.	4.0	30
10	Spin-phonon coupling in multiferroic Y ₂ CoMnO ₆ . <i>Journal of Alloys and Compounds</i> , 2017, 690, 909-915.	2.8	25
11	Novel Magnetic Nanostructured Beads for Cadmium(II) Removal. <i>Nanomaterials</i> , 2019, 9, 356.	1.9	24
12	Carbon-Coated Superparamagnetic Nanoflowers for Biosensors Based on Lateral Flow Immunoassays. <i>Biosensors</i> , 2020, 10, 80.	2.3	22
13	Integrating Reactors and Catalysts through Three-Dimensional Printing: Efficiency and Reusability of an Impregnated Palladium on Silica Monolith in Sonogashira and Suzuki Reactions. <i>ChemCatChem</i> , 2020, 12, 1762-1771.	1.8	21
14	Magnetization dynamics and frustration in the multiferroic double perovskite $\text{LuMn}_2\text{MnO}_6$. <i>Physical Review B</i> , 2016, 93, .		
15	Magnetic nanostructures for marine and freshwater toxins removal. <i>Chemosphere</i> , 2020, 256, 127019.	4.2	14
16	A simple in situ synthesis of magnetic M@CNTs by thermolysis of the hybrid perovskite [TPrA] [M(dca) ₃]. <i>New Journal of Chemistry</i> , 2017, 41, 3124-3133.	1.4	10
17	Electrodecoration and Characterization of Superparamagnetic Iron Oxide Nanoparticles with Bioactive Synergistic Nanocopper: Magnetic Hyperthermia-Induced Ionic Release for Anti-Biofilm Action. <i>Antibiotics</i> , 2021, 10, 119.	1.5	8
18	Excess molar enthalpies of the binary systems: (Dibutyl ether+isomers of pentanol) at T=(298.15 and) Tj ETQq0 0 0,rgBT /Overlock 10 T	1.8	7

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19	A Facile Synthesis of Co ₃ O ₄ Hollow Microtubes by Decomposition of a Cobalt Metal-Organic Framework. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 4463-4469.	1.0	6
20	Efficient Separation of Heavy Metals by Magnetic Nanostructured Beads. <i>Inorganics</i> , 2020, 8, 40.	1.2	5
21	Dielectric Properties of the Charge Ordered Oxyborate Fe ₂ O ₃ . <i>IEEE Transactions on Magnetics</i> , 2008, 44, 2989-2992.	1.2	4
22	Controlling the structure and photocatalytic properties of three-dimensional aerogels obtained by simultaneous reduction and self-assembly of BiOI/GO aqueous colloidal dispersions. <i>Nano Express</i> , 2021, 2, 020015.	1.2	3
23	Versatile Mesoporous Nanoparticles for Cell Applications. <i>Journal of Nanoscience and Nanotechnology</i> , 2021, 21, 2824-2833.	0.9	2
24	Hybrid mesoporous nanostructured scaffolds as dielectric biosimilar restorative materials. <i>Bio-Medical Materials and Engineering</i> , 2021, 32, 1-13.	0.4	1
25	Effect of mesoporous silica and its combination with hydroxyapatite on the regeneration of rabbit's bone defects: A pilot study. <i>Bio-Medical Materials and Engineering</i> , 2021, 32, 281-294.	0.4	0