

CÃ©lia M Ronconi

List of Publications by Year in descending order

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53
papers

1,612
citations

394421

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53
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Amphotericin-B-loaded polymer-functionalized reduced graphene oxides for Leishmania amazonensis chemo-photothermal therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 209, 112169.	5.0	6
2	Fabrication data of two light-responsive systems to release an antileishmanial drug activated by infrared photothermal heating. <i>Data in Brief</i> , 2022, 41, 107841.	1.0	1
3	Detection of SARS-CoV-2 virus via dynamic light scattering using antibody-gold nanoparticle bioconjugates against viral spike protein. <i>Talanta</i> , 2022, 243, 123355.	5.5	16
4	Influence of particle size on the SARS-CoV-2 spike protein detection using IgG-capped gold nanoparticles and dynamic light scattering. <i>Materials Today Chemistry</i> , 2022, 25, 100924.	3.5	15
5	Sustainable Technologies of CO ₂ Capture: A Brief Review. <i>Revista Virtual De Quimica</i> , 2022, 14, 517-528.	0.4	2
6	Supramolecular dimers drive the reaction between CO ₂ and alkanolamines towards carbonate formation. <i>Journal of CO₂ Utilization</i> , 2022, 61, 102054.	6.8	2
7	Combined theoretical and experimental studies on CO ₂ capture by amine-activated glycerol. <i>Chemical Engineering Journal</i> , 2021, 408, 128002.	12.7	16
8	A Carbocationic Triarylmethane-Based Porous Covalent Organic Network. <i>Chemistry - A European Journal</i> , 2021, 27, 2342-2347.	3.3	10
9	CO ₂ and H ₂ adsorption on 3D nitrogen-doped porous graphene: Experimental and theoretical studies. <i>Journal of CO₂ Utilization</i> , 2021, 48, 101517.	6.8	18
10	Field-induced single-ion magnets exhibiting tri-axial anisotropy in a 1D Co(II) coordination polymer with a rigid ligand 4,4'-((buta-1,3-diyne-1,4-diyl)dibenzoate). <i>Dalton Transactions</i> , 2021, 50, 15003-15014.	3.3	4
11	Reversible single-crystal to single-crystal phase transformation between a new Werner clathrate and its apohost. <i>Dalton Transactions</i> , 2021, 50, 12923-12930.	3.3	4
12	A reversible, switchable pH-driven quaternary ammonium pillar[5]arene nanogate for mesoporous silica nanoparticles. <i>Journal of Materials Chemistry B</i> , 2020, 8, 703-714.	5.8	12
13	Spin-frustration with two quasi-degenerated spin states of a copper(II) heptanuclear complex obtained from an amino acid ligand. <i>Dalton Transactions</i> , 2020, 49, 16359-16367.	3.3	3
14	A 3D interpenetrated Co(II)-glutarate coordination polymer: Synthesis, crystal structure, magnetic and adsorption properties. <i>Inorganica Chimica Acta</i> , 2020, 511, 119791.	2.4	10
15	Reduced graphene oxide as an excellent platform to produce a stable Brønsted acid catalyst for biodiesel production. <i>Fuel</i> , 2019, 256, 115793.	6.4	34
16	A new photoluminescent terbium(III) coordination network constructed from 1,2,4,5-benzenetetracarboxylic acid: Synthesis, structural characterization and application as a potential marker for gunshot residues. <i>Inorganica Chimica Acta</i> , 2019, 495, 118967.	2.4	18
17	Tailored hybrid materials for biodiesel production: Tuning the base type, support and preparation method for the best catalytic performance. <i>Molecular Catalysis</i> , 2018, 458, 240-246.	2.0	14
18	AMF-responsive doxorubicin loaded β ² -cyclodextrin-decorated superparamagnetic nanoparticles. <i>New Journal of Chemistry</i> , 2018, 42, 671-680.	2.8	23

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19	Multifunctional System Polyaniline-Decorated ZIF-8 Nanoparticles as a New Chemo-Photothermal Platform for Cancer Therapy. ACS Omega, 2018, 3, 12147-12157.	3.5	42
20	Self-assembled 3D mesoporous graphene oxides (MEGOs) as adsorbents and recyclable solids for CO ₂ and CH ₄ capture. Journal of CO ₂ Utilization, 2017, 20, 292-300.	6.8	29
21	A series of coordination networks constructed from the rigid ligand 4,4'-ethynylated dibenzoate: topological diversity, entanglement, supramolecular interactions and photophysical properties. CrystEngComm, 2017, 19, 3103-3116.	2.6	12
22	Tuning Photoluminescent Properties of Silver(I)-Based Coordination Networks through their Supramolecular Interactions. Crystal Growth and Design, 2017, 17, 5965-5974.	3.0	9
23	Coordination Networks: Design, Synthesis, Topology and Photophysical Properties. Revista Virtual De Quimica, 2017, 9, 1318-1341.	0.4	0
24	Supramolecular assembly of (Z)-ethyl 2-cyano-3-((4-fluorophenyl)amino) acrylate, crystal structure, Hirshfeld surface analysis and DFT studies. Journal of Molecular Structure, 2016, 1120, 333-340.	3.6	5
25	Sonoelectrochemical synthesis of metal-organic frameworks. Synthetic Metals, 2016, 220, 369-373.	3.9	15
26	Heterogeneous basic catalysts for biodiesel production. Catalysis Science and Technology, 2016, 6, 2877-2891.	4.1	127
27	Adsorption in a Fixed-Bed Column and Stability of the Antibiotic Oxytetracycline Supported on Zn(II)-[2-Methylimidazolate] Frameworks in Aqueous Media. PLoS ONE, 2015, 10, e0128436.	2.5	38
28	Guanidine-functionalized Fe ₃ O ₄ magnetic nanoparticles as basic recyclable catalysts for biodiesel production. RSC Advances, 2015, 5, 48031-48038.	3.6	50
29	Degradation of magnetic nanoparticles mimicking lysosomal conditions followed by AC susceptibility. Biomedizinische Technik, 2015, 60, 417-25.	0.8	41
30	Redox-responsive nanoreservoirs: The effect of different types of mesoporous silica on the controlled release of doxorubicin in solution and in vitro. Microporous and Mesoporous Materials, 2015, 206, 226-233.	4.4	26
31	Adsorption of CO ₂ on amine-functionalised MCM-41: experimental and theoretical studies. Physical Chemistry Chemical Physics, 2015, 17, 11095-11102.	2.8	93
32	Synthesis of amine-functionalized mesoporous silica basic catalysts for biodiesel production. Catalysis Today, 2014, 226, 210-216.	4.4	52
33	Insights into the interactions of CO ₂ with amines: a DFT benchmark study. Physical Chemistry Chemical Physics, 2014, 16, 17213-17219.	2.8	29
34	CO ₂ Capture in Hybrid Materials. Revista Virtual De Quimica, 2014, 6, .	0.4	2
35	The effect of the molecular structures of dicyanomethylene compounds on their supramolecular assembly, photophysical and electrochemical properties. Physical Chemistry Chemical Physics, 2013, 15, 13013.	2.8	10
36	6-Aminocoumarin-Naphthoquinone Conjugates: Design, Synthesis, Photophysical and Electrochemical Properties and DFT Calculations. Journal of the Brazilian Chemical Society, 2013, , .	0.6	8

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37	Modeling Controlled Potassium Release from Phlogopite in Solution: Exploring the Viability of using Crushed Phlogopite Rock as an Alternative Potassium Source in Brazilian Soil. Journal of the Brazilian Chemical Society, 2013, , .	0.6	6
38	Nanoreservoir operated by ferrocenyl linker oxidation with molecular oxygen. Journal of Materials Chemistry, 2011, 21, 6034.	6.7	38
39	Modified silica nanoparticles with an Aminonaphthoquinone. Journal of the Brazilian Chemical Society, 2011, 22, 961-967.	0.6	20
40	Amine-modified MCM-41 mesoporous silica for carbon dioxide capture. Microporous and Mesoporous Materials, 2011, 143, 174-179.	4.4	289
41	Factorial design preparation of transparent conducting oxide thin films. Thin Solid Films, 2009, 517, 2886-2891.	1.8	7
42	Preparation and characterization of Cd ₂ Nb ₂ O ₇ thin films on Si substrates. Journal of Physics and Chemistry of Solids, 2009, 70, 234-237.	4.0	5
43	Artificial molecular machines. Revista Virtual De Quimica, 2009, 1, .	0.4	2
44	Polyviologen Dendrimers as Hosts and Charge-Storage Devices. Chemistry - A European Journal, 2008, 14, 8365-8373.	3.3	53
45	Insights for phase control in TiO ₂ nanoparticles from polymeric precursors method. Journal of Alloys and Compounds, 2008, 466, 435-438.	5.5	23
46	1,5-Bis(2-formylphenoxy)-3-oxapentane. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o546-o546.	0.2	1
47	Operating Molecular Elevators. Journal of the American Chemical Society, 2006, 128, 1489-1499.	13.7	280
48	Pseudorotaxanes and Rotaxanes Formed by Viologen Derivatives. European Journal of Organic Chemistry, 2006, 2006, 1857-1866.	2.4	52
49	The relationship between the structure and electrocatalytic properties of TiO ₂ electrodes doped with CeO ₂ . Journal of Applied Electrochemistry, 2004, 34, 1229-1233.	2.9	4
50	Structural evolution and optical properties of Cd ₂ Nb ₂ O ₇ films prepared by metallo-organic decomposition. Thin Solid Films, 2003, 441, 121-129.	1.8	12
51	Decomposição de precursores metalorgânicos: uma técnica química de obtenção de filmes finos. Quimica Nova, 2002, 25, 69-77.	0.3	15
52	Kinetic and mechanistic aspects for the tartaric acid oxidation by vanadium(V) in sulfuric acid medium. International Journal of Chemical Kinetics, 1998, 30, 55-61.	1.6	4
53	A Self-Assembled AMF-Responsive Nanoplatform Based on Pillar[5]arene and Superparamagnetic Nanoparticles for Controlled Release of Doxorubicin. Journal of the Brazilian Chemical Society, 0, , .	0.6	5