

CÃ©lia M Ronconi

List of Publications by Year in descending order

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53
papers

1,612
citations

394421

19
h-index

302126

39
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53
all docs

53
docs citations

53
times ranked

2523
citing authors

#	ARTICLE	IF	CITATIONS
1	Amine-modified MCM-41 mesoporous silica for carbon dioxide capture. <i>Microporous and Mesoporous Materials</i> , 2011, 143, 174-179.	4.4	289
2	Operating Molecular Elevators. <i>Journal of the American Chemical Society</i> , 2006, 128, 1489-1499.	13.7	280
3	Heterogeneous basic catalysts for biodiesel production. <i>Catalysis Science and Technology</i> , 2016, 6, 2877-2891.	4.1	127
4	Adsorption of CO ₂ on amine-functionalised MCM-41: experimental and theoretical studies. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 11095-11102.	2.8	93
5	Polyviologen Dendrimers as Hosts and Charge-Storage Devices. <i>Chemistry - A European Journal</i> , 2008, 14, 8365-8373.	3.3	53
6	Pseudorotaxanes and Rotaxanes Formed by Viologen Derivatives. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 1857-1866.	2.4	52
7	Synthesis of amine-functionalized mesoporous silica basic catalysts for biodiesel production. <i>Catalysis Today</i> , 2014, 226, 210-216.	4.4	52
8	Guanidine-functionalized Fe ₃ O ₄ magnetic nanoparticles as basic recyclable catalysts for biodiesel production. <i>RSC Advances</i> , 2015, 5, 48031-48038.	3.6	50
9	Multifunctional System Polyaniline-Decorated ZIF-8 Nanoparticles as a New Chemo-Photothermal Platform for Cancer Therapy. <i>ACS Omega</i> , 2018, 3, 12147-12157.	3.5	42
10	Degradation of magnetic nanoparticles mimicking lysosomal conditions followed by AC susceptibility. <i>Biomedizinische Technik</i> , 2015, 60, 417-25.	0.8	41
11	Nanoreservoir operated by ferrocenyl linker oxidation with molecular oxygen. <i>Journal of Materials Chemistry</i> , 2011, 21, 6034.	6.7	38
12	Adsorption in a Fixed-Bed Column and Stability of the Antibiotic Oxytetracycline Supported on Zn(II)-[2-Methylimidazolate] Frameworks in Aqueous Media. <i>PLoS ONE</i> , 2015, 10, e0128436.	2.5	38
13	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
14	Insights into the interactions of CO ₂ with amines: a DFT benchmark study. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 17213-17219.	2.8	29
15	Self-assembled 3D mesoporous graphene oxides (MEGOs) as adsorbents and recyclable solids for CO ₂ and CH ₄ capture. <i>Journal of CO₂ Utilization</i> , 2017, 20, 292-300.	6.8	29
16	Redox-responsive nanoreservoirs: The effect of different types of mesoporous silica on the controlled release of doxorubicin in solution and in vitro. <i>Microporous and Mesoporous Materials</i> , 2015, 206, 226-233.	4.4	26
17	Insights for phase control in TiO ₂ nanoparticles from polymeric precursors method. <i>Journal of Alloys and Compounds</i> , 2008, 466, 435-438.	5.5	23
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	Modified silica nanoparticles with an Aminonaphthoquinone. <i>Journal of the Brazilian Chemical Society</i> , 2011, 22, 961-967.	0.6	20
20	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
21	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
22	Combined theoretical and experimental studies on CO ₂ capture by amine-activated glycerol. <i>Chemical Engineering Journal</i> , 2021, 408, 128002.	12.7	16
23	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
24	Decomposição de precursores metalorgânicos: uma técnica química de obtenção de filmes finos. <i>Quimica Nova</i> , 2002, 25, 69-77.	0.3	15
25	Sonoelectrochemical synthesis of metal-organic frameworks. <i>Synthetic Metals</i> , 2016, 220, 369-373.	3.9	15
26	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
27	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
28	Structural evolution and optical properties of Cd ₂ Nb ₂ O ₇ films prepared by metallo-organic decomposition. <i>Thin Solid Films</i> , 2003, 441, 121-129.	1.8	12
29	A series of coordination networks constructed from the rigid ligand 4,4'-ethynylendibenzoate: topological diversity, entanglement, supramolecular interactions and photophysical properties. <i>CrystEngComm</i> , 2017, 19, 3103-3116.	2.6	12
30	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
31	The effect of the molecular structures of dicyanomethylene compounds on their supramolecular assembly, photophysical and electrochemical properties. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 13013.	2.8	10
32	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
33	A Carbocationic Triarylmethane-Based Porous Covalent Organic Network. <i>Chemistry - A European Journal</i> , 2021, 27, 2342-2347.	3.3	10
34	Tuning Photoluminescent Properties of Silver(I)-Based Coordination Networks through their Supramolecular Interactions. <i>Crystal Growth and Design</i> , 2017, 17, 5965-5974.	3.0	9
35	6-Aminocoumarin-Naphthoquinone Conjugates: Design, Synthesis, Photophysical and Electrochemical Properties and DFT Calculations. <i>Journal of the Brazilian Chemical Society</i> , 2013, , .	0.6	8
36	Factorial design preparation of transparent conducting oxide thin films. <i>Thin Solid Films</i> , 2009, 517, 2886-2891.	1.8	7

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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. <i>Journal of the Brazilian Chemical Society</i> , 2013, , .	0.6	6
38	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
39	Preparation and characterization of Cd ₂ Nb ₂ O ₇ thin films on Si substrates. <i>Journal of Physics and Chemistry of Solids</i> , 2009, 70, 234-237.	4.0	5
40	Supramolecular assembly of (Z)-ethyl 2-cyano-3-((4-fluorophenyl)amino) acrylate, crystal structure, Hirshfeld surface analysis and DFT studies. <i>Journal of Molecular Structure</i> , 2016, 1120, 333-340.	3.6	5
41	A Self-Assembled AMF-Responsive Nanoplatfrom Based on Pillar[5]arene and Superparamagnetic Nanoparticles for Controlled Release of Doxorubicin. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	5
42	Kinetic and mechanistic aspects for the tartaric acid oxidation by vanadium(V) in sulfuric acid medium. <i>International Journal of Chemical Kinetics</i> , 1998, 30, 55-61.	1.6	4
43	The relationship between the structure and electrocatalytic properties of TiO ₂ electrodes doped with CeO ₂ . <i>Journal of Applied Electrochemistry</i> , 2004, 34, 1229-1233.	2.9	4
44	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
45	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
46	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
47	Artificial molecular machines. <i>Revista Virtual De Quimica</i> , 2009, 1, .	0.4	2
48	CO ₂ Capture in Hybrid Materials. <i>Revista Virtual De Quimica</i> , 2014, 6, .	0.4	2
49	Sustainable Technologies of CO ₂ Capture: A Brief Review. <i>Revista Virtual De Quimica</i> , 2022, 14, 517-528.	0.4	2
50	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
51	1,5-Bis(2-formylphenoxy)-3-oxapentane. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o546-o546.	0.2	1
52	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
53	Coordination Networks: Design, Synthesis, Topology and Photophysical Properties. <i>Revista Virtual De Quimica</i> , 2017, 9, 1318-1341.	0.4	0