

Carmen Coll

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,655
citations

394390

19
h-index

434170

31
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all docs

32
docs citations

32
times ranked

2091
citing authors

#	ARTICLE	IF	CITATIONS
1	pH-Dependent Molecular Gate Mesoporous Microparticles for Biological Control of Giardia intestinalis. <i>Pharmaceutics</i> , 2021, 13, 94.	4.5	3
2	Full inhibition of enzymatic browning in the presence of thiol-functionalised silica nanomaterial. <i>Food Chemistry</i> , 2018, 241, 199-205.	8.2	23
3	Functional Magnetic Mesoporous Silica Microparticles Capped with an Azo-Derivative: A Promising Colon Drug Delivery Device. <i>Molecules</i> , 2018, 23, 375.	3.8	11
4	Selective Fluorogenic Sensing of As(III) Using Aptamer-Capped Nanomaterials. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 11332-11336.	8.0	64
5	Gated Mesoporous Silica Nanocarriers for a "Two-Step" Targeted System to Colonic Tissue. <i>Molecular Pharmaceutics</i> , 2017, 14, 4442-4453.	4.6	18
6	Self-Regulated Glucose-Sensitive Neoglycoenzyme-Capped Mesoporous Silica Nanoparticles for Insulin Delivery. <i>Chemistry - A European Journal</i> , 2017, 23, 1353-1360.	3.3	55
7	Surface Enhanced Raman Scattering and Gated Materials for Sensing Applications: The Ultrasensitive Detection of <i>Mycoplasma</i> and Cocaine. <i>Chemistry - A European Journal</i> , 2016, 22, 13488-13495.	3.3	17
8	Study of the Dependency of the Specific Power Absorption Rate on Several Characteristics of the Excitation Magnetic Signal when Irradiating a SPION-containing Ferrofluid. <i>Journal of Magnetism</i> , 2016, 21, 460-467.	0.4	4
9	Caspase 3 Targeted Cargo Delivery in Apoptotic Cells Using Capped Mesoporous Silica Nanoparticles. <i>Chemistry - A European Journal</i> , 2015, 21, 15506-15510.	3.3	14
10	Gated Mesoporous Silica Nanoparticles Using a Double-Role Circular Peptide for the Controlled and Target-Preferential Release of Doxorubicin in CXCR4-Expressing Lymphoma Cells. <i>Advanced Functional Materials</i> , 2015, 25, 687-695.	14.9	54
11	Modulation of folic acid bioaccessibility by encapsulation in pH-responsive gated mesoporous silica particles. <i>Microporous and Mesoporous Materials</i> , 2015, 202, 124-132.	4.4	24
12	Cathepsin-B Induced Controlled Release from Peptide-Capped Mesoporous Silica Nanoparticles. <i>Chemistry - A European Journal</i> , 2014, 20, 15309-15314.	3.3	50
13	Gated Silica Mesoporous Supports for Controlled Release and Signaling Applications. <i>Accounts of Chemical Research</i> , 2013, 46, 339-349.	15.6	234
14	An aptamer-gated silica mesoporous material for thrombin detection. <i>Chemical Communications</i> , 2013, 49, 5480.	4.1	89
15	Design of Enzyme-Mediated Controlled Release Systems Based on Silica Mesoporous Supports Capped with Ester-Glycol Groups. <i>Langmuir</i> , 2012, 28, 14766-14776.	3.5	43
16	Dual Enzyme-Triggered Controlled Release on Capped Nanometric Silica Mesoporous Supports. <i>ChemistryOpen</i> , 2012, 1, 17-20.	1.9	59
17	Enzyme-Mediated Controlled Release Systems by Anchoring Peptide Sequences on Mesoporous Silica Supports. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 2138-2140.	13.8	197
18	Fatty Acid Carboxylate- and Anionic Surfactant-Controlled Delivery Systems That Use Mesoporous Silica Supports. <i>Chemistry - A European Journal</i> , 2010, 16, 10048-10061.	3.3	15

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19	A new approach for the selective and sensitive colorimetric detection of ionic surfactants in water. <i>Journal of Materials Chemistry</i> , 2010, 20, 1442-1451.	6.7	20
20	Borate-Driven Gate-like Scaffolding Using Mesoporous Materials Functionalised with Saccharides. <i>Chemistry - A European Journal</i> , 2009, 15, 6877-6888.	3.3	78
21	Efficient Removal of Anionic Surfactants Using Mesoporous Functionalised Hybrid Materials. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 3770-3777.	2.0	15
22	A Mesoporous 3D Hybrid Material with Dual Functionality for Hg ²⁺ Detection and Adsorption. <i>Chemistry - A European Journal</i> , 2008, 14, 8267-8278.	3.3	123
23	A model for the assessment of interfering processes in Faradic electrodes. <i>Sensors and Actuators A: Physical</i> , 2008, 142, 56-60.	4.1	17
24	Controlled release of vitamin B2 using mesoporous materials functionalized with amine-bearing gate-like scaffoldings. <i>Journal of Controlled Release</i> , 2008, 131, 181-189.	9.9	101
25	Nanosopic hybrid systems with a polarity-controlled gate-like scaffolding for the colorimetric signalling of long-chain carboxylates. <i>Chemical Communications</i> , 2007, , 1957-1959.	4.1	80
26	A Simple Approach for the Selective and Sensitive Colorimetric Detection of Anionic Surfactants in Water. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 1675-1678.	13.8	106
27	An electrochemical characterization of thick-film electrodes based on RuO ₂ -containing resistive pastes. <i>Journal of Electroanalytical Chemistry</i> , 2007, 611, 175-180.	3.8	19
28	Introduction of a model for describing the redox potential in faradic electrodes. <i>Journal of Electroanalytical Chemistry</i> , 2006, 594, 96-104.	3.8	13
29	Ionic liquids promote selective responses towards the highly hydrophilic anion sulfate in PVC membrane ion-selective electrodes. <i>Chemical Communications</i> , 2005, , 3033.	4.1	64