

# Carolina Belenguer-Sapiñeira

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

417  
citations

759055

12  
h-index

752573

20  
g-index

24  
all docs

24  
docs citations

24  
times ranked

449  
citing authors

#	ARTICLE	IF	CITATIONS
1	Changes in air pollution during COVID-19 lockdown in Spain: A multi-city study. <i>Journal of Environmental Sciences</i> , 2021, 101, 16-26.	3.2	135
2	Study of silica-structured materials as sorbents for organophosphorus pesticides determination in environmental water samples. <i>Talanta</i> , 2018, 189, 560-567.	2.9	39
3	Comparison of the solid-phase extraction efficiency of a bounded and an included cyclodextrin-silica microporous composite for polycyclic aromatic hydrocarbons determination in water samples. <i>Talanta</i> , 2016, 156-157, 95-103.	2.9	30
4	Extraction of aflatoxins by using mesoporous silica (type UVM-7), and their quantitation by HPLC-MS. <i>Mikrochimica Acta</i> , 2019, 186, 792.	2.5	20
5	Bimodal porous silica nanomaterials as sorbents for an efficient and inexpensive determination of aflatoxin M1 in milk and dairy products. <i>Food Chemistry</i> , 2020, 333, 127421.	4.2	18
6	Organo-silica hybrid capillary monolithic column with mesoporous silica particles for separation of small aromatic molecules. <i>Mikrochimica Acta</i> , 2017, 184, 3799-3808.	2.5	17
7	Design, characterization and comparison of materials based on $\hat{I}^2$ and $\hat{I}^3$ cyclodextrin covalently connected to microporous silica for environmental analysis. <i>Journal of Chromatography A</i> , 2018, 1563, 10-19.	1.8	17
8	Determination of phenolic compounds in air by using cyclodextrin-silica hybrid microporous composite samplers. <i>Talanta</i> , 2015, 134, 560-567.	2.9	16
9	A new proposal for the determination of polychlorinated biphenyls in environmental water by using host-guest adsorption. <i>Science of the Total Environment</i> , 2020, 724, 138266.	3.9	13
10	Cyclodextrins as a Key Piece in Nanostructured Materials: Quantitation and Remediation of Pollutants. <i>Nanomaterials</i> , 2021, 11, 7.	1.9	13
11	A poly(glycidyl-co-ethylene dimethacrylate) nanohybrid modified with $\hat{I}^2$ -cyclodextrin as a sorbent for solid-phase extraction of phenolic compounds. <i>Mikrochimica Acta</i> , 2019, 186, 615.	2.5	12
12	Comparison of silica-based materials for organophosphorus pesticides sampling and occupational risk assessment. <i>Analytica Chimica Acta</i> , 2020, 1110, 26-34.	2.6	12
13	Mesoporous silica sorbent with gold nanoparticles for solid-phase extraction of organochlorine pesticides in water samples. <i>Journal of Chromatography A</i> , 2022, 1662, 462729.	1.8	12
14	Enhancing extraction performance of organophosphorus flame retardants in water samples using titanium hierarchical porous silica materials as sorbents. <i>Journal of Chromatography A</i> , 2021, 1639, 461938.	1.8	10
15	Evaluation of a Cyclodextrin-silica Hybrid Microporous Composite for the Solid-phase Extraction of Polycyclic Aromatic Hydrocarbons. <i>Analytical Sciences</i> , 2016, 32, 659-665.	0.8	9
16	Host-guest interactions for extracting antibiotics with a $\hat{I}^3$ -cyclodextrin poly(glycidyl-co-ethylene) Tj ETQq0 0 0 rgBT, Overlock 10 Tf 50 1	2.9	8
17	A city-level analysis of PM2.5 pollution, climate and COVID-19 early spread in Spain. <i>Journal of Environmental Health Science &amp; Engineering</i> , 2022, 20, 395-403.	1.4	8
18	Assessment of migrating endocrine-disrupting chemicals in bottled acidic juice using type UVM-7 mesoporous silica modified with cyclodextrin. <i>Food Chemistry</i> , 2022, 380, 132207.	4.2	7

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19	Do Social Chemophobic Attitudes Influence the Opinions of Secondary School Students?. Journal of Chemical Education, 2021, 98, 2176-2187.	1.1	6
20	Simultaneous determination of third-generation synthetic cannabinoids in oral fluids using cyclodextrin-silica porous sorbents. Microchemical Journal, 2022, 172, 106915.	2.3	6
21	A $\beta$ -cyclodextrin sorbent based on hierarchical mesoporous silica for the determination of endocrine-disrupting chemicals in urine samples. Journal of Chromatography A, 2022, 1671, 463007.	1.8	5
22	A type UVM-7 mesoporous silica with $\beta$ -cyclodextrin for the isolation of three veterinary antibiotics (ofloxacin, norfloxacin, and ciprofloxacin) from different fat-rate milk samples. Journal of Food Composition and Analysis, 2022, 109, 104463.	1.9	3
23	Iron-Doped Bimodal Mesoporous Silica Nanomaterials as Sorbents for Solid-Phase Extraction of Perfluoroalkyl Substances in Environmental Water Samples. Nanomaterials, 2022, 12, 1441.	1.9	0