

Manuela Kim

List of Publications by Year in descending order

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papers

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citations

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532
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#	ARTICLE	IF	CITATIONS
1	Decoration of Cotton Fibers with a Water-Stable Metal-Organic Framework (UiO-66) for the Decomposition and Enhanced Adsorption of Micropollutants in Water. <i>Bioengineering</i> , 2018, 5, 14.	3.5	54
2	Cellulose meets reticular chemistry: interactions between cellulosic substrates and metal-organic frameworks. <i>Cellulose</i> , 2019, 26, 123-137.	4.9	54
3	A panchromatic modification of the light absorption spectra of metal-organic frameworks. <i>Chemical Communications</i> , 2016, 52, 6665-6668.	4.1	44
4	Flow injection solid phase extraction electrothermal atomic absorption spectrometry for the determination of Cr(VI) by selective separation and preconcentration on a lab-made hybrid mesoporous solid microcolumn. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2009, 64, 500-505.	2.9	30
5	A simplified approach to the determination of N-nitroso glyphosate in technical glyphosate using HPLC with post-derivatization and colorimetric detection. <i>Talanta</i> , 2007, 72, 1054-1058.	5.5	26
6	Synthesis of a zinc-imidazole metal-organic framework (ZIF-8) using ZnO rods grown on cotton fabrics as precursors: arsenate absorption studies. <i>Cellulose</i> , 2020, 27, 6399-6410.	4.9	25
7	Hybrid mesoporous materials for on-line preconcentration of Cr(VI) followed by one-step scheme for elution and colorimetric determination at ultratrace levels. <i>Talanta</i> , 2009, 77, 1068-1074.	5.5	20
8	Evaluation of performance of three different hybrid mesoporous solids based on silica for preconcentration purposes in analytical chemistry: From the study of sorption features to the determination of elements of group IB. <i>Talanta</i> , 2010, 82, 923-930.	5.5	17
9	A metallic furnace atomizer in hydride generation atomic absorption spectrometry: Determination of bismuth and selenium. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2008, 63, 850-855.	2.9	16
10	Open-Source Portable Device for the Determination of Fluoride in Drinking Water. <i>ACS Sensors</i> , 2021, 6, 259-266.	7.8	15
11	Non-chromatographic determination of ultratrace levels of V(V) and V(IV) based on a double column solid phase extraction flow injection system coupled to electrothermal atomic absorption spectrometry. <i>Talanta</i> , 2009, 79, 940-946.	5.5	10
12	Effect of the Ethanol/BTC Ratio on the Methane Uptake of Mechanochemically Synthesized MOFs. <i>Chemistry - an Asian Journal</i> , 2021, 16, 1086-1091.	3.3	10
13	The Long and Bright Path of a Lanthanide MOF: From Basics towards the Application. <i>Chemistry - A European Journal</i> , 2021, 27, 7376-7382.	3.3	10
14	Structural characterization and EXAFS wavelet analysis of Yb doped ZnO by wet chemistry route. <i>Journal of Alloys and Compounds</i> , 2015, 622, 115-120.	5.5	9
15	Grain-size/(t^3 or c)-phase relationship in dense ZrO ₂ ceramics. <i>Journal of the European Ceramic Society</i> , 2016, 36, 2043-2049.	5.7	9
16	All-Organic Electroactive Shape-Changing Knitted Textiles Using Thermoprogrammed Shape-Memory Fibers Spun by 3D Printing. <i>ACS Applied Polymer Materials</i> , 2022, 4, 2355-2364.	4.4	8
17	Conformal Functionalization of Cotton Fibers via Isorecticular Expansion of UiO-66 Metal-Organic Frameworks. <i>Coatings</i> , 2020, 10, 1172.	2.6	6
18	Versatile Covalent Postsynthetic Modification of Metal Organic Frameworks via Thermal Condensation for Fluoride Sensing in Waters. <i>Bioengineering</i> , 2021, 8, 196.	3.5	4

#	ARTICLE	IF	CITATIONS
19	Fluoride Detection and Quantification, an Overview from Traditional to Innovative Material-Based Methods. , 0, , .		1
20	A Solid-State Pathway towards the Tunable Carboxylation of Cellulosic Fabrics: Controlling the Surface's Acidity. Membranes, 2021, 11, 514.	3.0	0