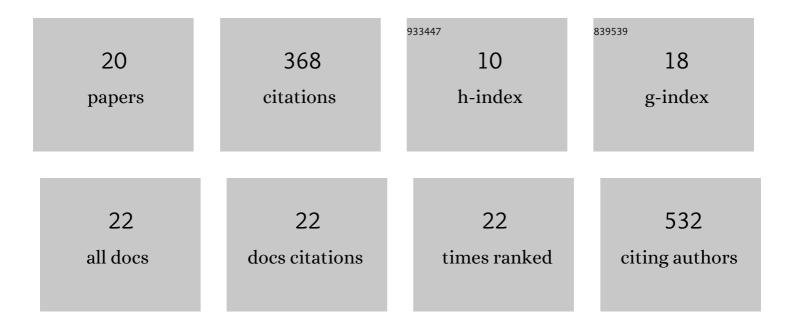
Manuela Kim

List of Publications by Year in descending order

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MANUELA KIM

| # | 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. Bioengineering, 2018, 5, 14. | 3.5 | 54 |
| 2 | Cellulose meets reticular chemistry: interactions between cellulosic substrates and metal–organic frameworks. Cellulose, 2019, 26, 123-137. | 4.9 | 54 |
| 3 | A panchromatic modification of the light absorption spectra of metal–organic frameworks. Chemical Communications, 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. Spectrochimica Acta, Part B: Atomic Spectroscopy, 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. Talanta, 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. Cellulose, 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. Talanta, 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. Talanta, 2010, 82, 923-930. | 5.5 | 17 |
| 9 | A metallic furnace atomizer in hydride generation atomic absorption spectrometry: Determination of bismuth and selenium. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2008, 63, 850-855. | 2.9 | 16 |
| 10 | Open-Source Portable Device for the Determination of Fluoride in Drinking Water. ACS Sensors, 2021, 6, 259-266. | 7.8 | 15 |
| 11 | Non-chromatographic determination of ultratraces of V(V) and V(IV) based on a double column solid phase extraction flow injection system coupled to electrothermal atomic absorption spectrometry. Talanta, 2009, 79, 940-946. | 5.5 | 10 |
| 12 | Effect of the Ethanol/BTC Ratio on the Methane Uptake of Mechanochemically Synthesized MOFâ€199. Chemistry - an Asian Journal, 2021, 16, 1086-1091. | 3.3 | 10 |
| 13 | The Long and Bright Path of a Lanthanide MOF: From Basics towards the Application. Chemistry - A European Journal, 2021, 27, 7376-7382. | 3.3 | 10 |
| 14 | Structural characterization and EXAFS wavelet analysis of Yb doped ZnO by wet chemistry route. Journal of Alloys and Compounds, 2015, 622, 115-120. | 5.5 | 9 |
| 15 | Grain-size/(t ″ or c)-phase relationship in dense ZrO 2 ceramics. Journal of the European Ceramic Society, 2016, 36, 2043-2049. | 5.7 | 9 |
| 16 | All-Organic Electroactive Shape-Changing Knitted Textiles Using Thermoprogrammed Shape-Memory Fibers Spun by 3D Printing. ACS Applied Polymer Materials, 2022, 4, 2355-2364. | 4.4 | 8 |
| 17 | Conformal Functionalization of Cotton Fibers via Isoreticular Expansion of UiO-66 Metal-Organic Frameworks. Coatings, 2020, 10, 1172. | 2.6 | 6 |
| 18 | Versatile Covalent Postsynthetic Modification of Metal Organic Frameworks via Thermal Condensation for Fluoride Sensing in Waters. Bioengineering, 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 |