

Research Achievement

Peer-reviewed original paper *Corresponding author

145. An initial study of cell separation based on mechanical properties using a sponge-like monolithic polymer, K. Tsuji, T. Tanigawa, Y. Tsutsumi, T. Kubo, N. Kaji*, *Talanta Open*, 2, 100321, 2024
144. Enhanced molecular recognition with longer chain crosslinkers in molecularly imprinted polymers for an efficient separation of TR active substances, T. Kubo*, M. Yagishita, T. Tanigawa, S. K-Yamada, D. Nakajima, *RSC Advances*, in press
143. Fundamental Study for the Development of Stationary Phases Toward the Selective Separation of Antibody-drug Conjugates
K. Kesuke, **T.Kubo**, *BUNSEKI KAGAKU*, 72, 9, 357-361
142. Rapid and Highly-Efficient Purification of Extracellular Vesicles Enabled by TiO₂ hybridized Spongy-like Polymer, E. Kanao, K. Ishida, R. Iizuta, Y. Li, K. Imami, T. Tanigawa, Y. Sasaki, K. Akiyoshi, J. Adachi, K. Otsuka, Y. Ishihama, T. Kubo*, *Anal. Chem.* 95, 14502-14510, 2023
141. Efficient selective adsorption of SARS-CoV-2 via the recognition of spike proteins using an affinity spongy monolith, T. Kubo*, E. Kanao, Koki Ishida, S. Minami, T. Tanigawa, R. Mizuta, Y. Sasaki, K. Otsuka, T. Kobayashi, *Anal. Chem.*, 95, 13185-13190, 2023
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136. Protein Determination by Distance and Color Changing via PEG-based Hydrogels
M. Manmana, T. Kubo*, K. Otsuka, *Chromatography*, 44, 27-32, 2023
135. Development and evaluation of monolithic silica micro-trap columns for LC/MS analysis of intact proteins
K. Kobayashi, H. Wada, T. Kubo, K. Otsuka, *BUNSEKI KAGAKU*, 71, 341-349, 2022
134. Classification of Extracellular Vesicles based on Surface Glycan Structures by Spongy-like Separation Media
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