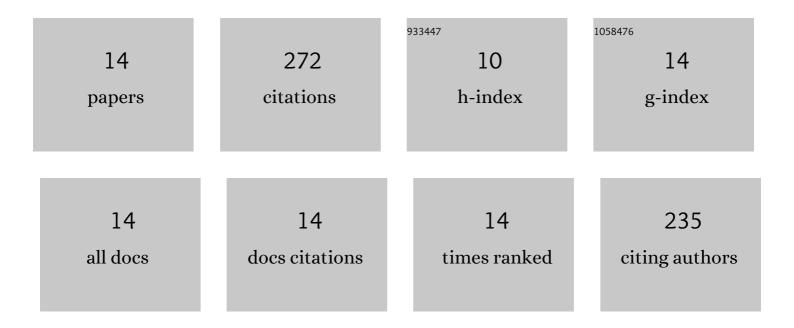
Kengo Ito

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5124539/publications.pdf Version: 2024-02-01



| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Integrated Analysis of Seaweed Components during Seasonal Fluctuation by Data Mining Across Heterogeneous Chemical Measurements with Network Visualization. Analytical Chemistry, 2014, 86, 1098-1105. | 6.5 | 48 |
| 2 | Environmental metabolomics with data science for investigating ecosystem homeostasis. Progress in Nuclear Magnetic Resonance Spectroscopy, 2018, 104, 56-88. | 7.5 | 43 |
| 3 | Pretreatment and Integrated Analysis of Spectral Data Reveal Seaweed Similarities Based on Chemical Diversity. Analytical Chemistry, 2015, 87, 2819-2826. | 6.5 | 39 |
| 4 | NMR-TS: de novo molecule identification from NMR spectra. Science and Technology of Advanced Materials, 2020, 21, 552-561. | 6.1 | 23 |
| 5 | Fragment Assembly Approach Based on Graph/Network Theory with Quantum Chemistry Verifications for Assigning Multidimensional NMR Signals in Metabolite Mixtures. ACS Chemical Biology, 2016, 11, 1030-1038. | 3.4 | 21 |
| 6 | Exploratory machine-learned theoretical chemical shifts can closely predict metabolic mixture signals. Chemical Science, 2018, 9, 8213-8220. | 7.4 | 20 |
| 7 | InterSpin: Integrated Supportive Webtools for Low- and High-Field NMR Analyses Toward Molecular Complexity. ACS Omega, 2019, 4, 3361-3369. | 3.5 | 19 |
| 8 | Bacterial Substrate Transformation Tracked by Stable-Isotope-Guided NMR Metabolomics: Application in a Natural Aquatic Microbial Community. Metabolites, 2017, 7, 52. | 2.9 | 11 |
| 9 | Decomposition Factor Analysis Based on Virtual Experiments throughout Bayesian Optimization for Compost-Degradable Polymers. Applied Sciences (Switzerland), 2021, 11, 2820. | 2.5 | 11 |
| 10 | Fish ecotyping based on machine learning and inferred network analysis of chemical and physical properties. Scientific Reports, 2021, 11, 3766. | 3.3 | 10 |
| 11 | Improved Prediction of Carbonless NMR Spectra by the Machine Learning of Theoretical and Fragment Descriptors for Environmental Mixture Analysis. Analytical Chemistry, 2021, 93, 6901-6906. | 6.5 | 10 |
| 12 | Large-Scale Evaluation of Major Soluble Macromolecular Components of Fish Muscle from a Conventional 1H-NMR Spectral Database. Molecules, 2020, 25, 1966. | 3.8 | 9 |
| 13 | Spatial molecular-dynamically ordered NMR spectroscopy of intact bodies and heterogeneous systems. Communications Chemistry, 2020, 3, . | 4.5 | 4 |
| 14 | Relaxometric learning: a pattern recognition method for T2 relaxation curves based on machine learning supported by an analytical framework. BMC Chemistry, 2021, 15, 13. | 3.8 | 4 |