

# Yuya Hibino

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Applicable Measuring Range of Two-Electrode Type Commercial Electrolytic Conductivity Meter for Accurate Determination of Electrolytic Conductivity. <i>Journal of Chemistry</i> , 2022, 2022, 1-6.	1.9	1
2	Discussion on Direct Electron Transfer-Type Bioelectrocatalysis of Downsized and Axial-Ligand Exchanged Variants of d-Fructose Dehydrogenase. <i>Electrochemistry</i> , 2020, 88, 195-199.	1.4	8
3	The influence of the shape of Au nanoparticles on the catalytic current of fructose dehydrogenase. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 7645-7657.	3.7	21
4	Protein-Engineering Improvement of Direct Electron Transfer-Type Bioelectrocatalytic Properties of d-Fructose Dehydrogenase. <i>Electrochemistry</i> , 2019, 87, 47-51.	1.4	18
5	Ultimate downsizing of d-fructose dehydrogenase for improving the performance of direct electron transfer-type bioelectrocatalysis. <i>Electrochemistry Communications</i> , 2019, 98, 101-105.	4.7	30
6	The influence of pH and divalent/monovalent cations on the internal electron transfer (IET), enzymatic activity, and structure of fructose dehydrogenase. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 3253-3264.	3.7	35
7	Enhanced Direct Electron Transfer of Fructose Dehydrogenase Rationally Immobilized on a 2-Aminoanthracene Diazonium Cation Grafted Single-Walled Carbon Nanotube Based Electrode. <i>ACS Catalysis</i> , 2018, 8, 10279-10289.	11.2	43
8	Highly Sensitive Membraneless Fructose Biosensor Based on Fructose Dehydrogenase Immobilized onto Aryl Thiol Modified Highly Porous Gold Electrode: Characterization and Application in Food Samples. <i>Analytical Chemistry</i> , 2018, 90, 12131-12136.	6.5	58
9	Construction of a protein-engineered variant of d-fructose dehydrogenase for direct electron transfer-type bioelectrocatalysis. <i>Electrochemistry Communications</i> , 2017, 77, 112-115.	4.7	38
10	Mutation of heme c axial ligands in d-fructose dehydrogenase for investigation of electron transfer pathways and reduction of overpotential in direct electron transfer-type bioelectrocatalysis. <i>Electrochemistry Communications</i> , 2016, 67, 43-46.	4.7	34
11	Interaction between d-fructose dehydrogenase and methoxy-substituent-functionalized carbon surface to increase productive orientations. <i>Electrochimica Acta</i> , 2016, 218, 41-46.	5.2	30