

Yukihiro Shintani

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Fluorine-Terminated Polycrystalline Diamond Solution-Gate Field-Effect Transistor Sensor with Smaller Amount of Unexpectedly Generated Fluorocarbon Film Fabricated by Fluorine Gas Treatment. <i>Materials</i> , 2022, 15, 2966.	2.9	0
2	Deoxyribonucleic-acid-sensitive Polycrystalline Diamond Solution-gate Field-effect Transistor with a Carboxyl-terminated Boron-doped Channel. <i>Analytical Sciences</i> , 2019, 35, 923-927.	1.6	3
3	Role of Carboxyl and Amine Termination on a Boron-Doped Diamond Solution Gate Field Effect Transistor (SGFET) for pH Sensing. <i>Sensors</i> , 2018, 18, 2178.	3.8	13
4	Threshold voltage control of electrolyte solution gate field-effect transistor by electrochemical oxidation. <i>Applied Physics Letters</i> , 2017, 111, .	3.3	7
5	Polycrystalline Boron-doped Diamond Electrolyte-solution-gate Field-effect Transistor Applied to the Measurement of Water Percentage in Ethanol. <i>Analytical Sciences</i> , 2017, 33, 1193-1196.	1.6	4
6	An All-Solid-State pH Sensor Employing Fluorine-Terminated Polycrystalline Boron-Doped Diamond as a pH-Insensitive Solution-Gate Field-Effect Transistor. <i>Sensors</i> , 2017, 17, 1040.	3.8	7
7	High voltage breakdown (1.8â€‰kV) of hydrogenated black diamond field effect transistor. <i>Applied Physics Letters</i> , 2016, 109, .	3.3	30
8	Polycrystalline boron-doped diamond with an oxygen-terminated surface channel as an electrolyte-solution-gate field-effect transistor for pH sensing. <i>Electrochimica Acta</i> , 2016, 212, 10-15.	5.2	15
9	High-throughput protein digestion by trypsin-immobilized monolithic silica with pipette-tip formula. <i>Journal of Proteomics</i> , 2007, 70, 57-62.	2.4	60
10	Development of miniaturized multi-channel high-performance liquid chromatography for high-throughput analysis. <i>Journal of Chromatography A</i> , 2005, 1073, 17-23.	3.7	14
11	Titania-coated monolithic silica as separation medium for high performance liquid chromatography of phosphorus-containing compounds. <i>Journal of Separation Science</i> , 2005, 28, 39-44.	2.5	48
12	Development of a monolithic silica extraction tip for the analysis of proteins. <i>Journal of Chromatography A</i> , 2004, 1043, 19-25.	3.7	96
13	Simple and Comprehensive Two-Dimensional Reversed-Phase HPLC Using Monolithic Silica Columns. <i>Analytical Chemistry</i> , 2004, 76, 1273-1281.	6.5	139
14	Phosphopeptide-selective Column-switching RP-HPLC with a Titania Precolumn. <i>Analytical Sciences</i> , 2004, 20, 1313-1319.	1.6	100
15	Polydimethylsiloxane Connection for Quartz Microchips in a High-Pressure System. <i>Analytical Sciences</i> , 2004, 20, 1721-1723.	1.6	6
16	Monolithic silica column for in-tube solid-phase microextraction coupled to high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2003, 985, 351-357.	3.7	94