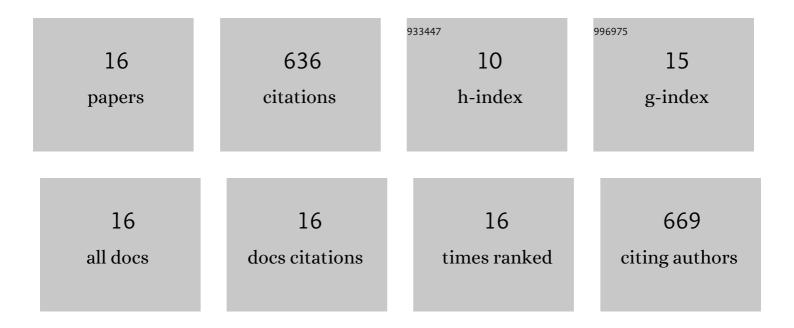
## Yukihiro Shintani

List of Publications by Year in descending order

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VIIVINIDO SHINTANI

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