

# Yuji Ueki

## List of Publications by Year in descending order

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38  
papers

591  
citations

687220

13  
h-index

610775

24  
g-index

38  
all docs

38  
docs citations

38  
times ranked

426  
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation and Application of Methacrylate-Based Cation-Exchange Monolithic Columns for Capillary Ion Chromatography. <i>Analytical Chemistry</i> , 2004, 76, 7007-7012.	3.2	120
2	Preparation of low flow-resistant methacrylate-based monolithic stationary phases of different hydrophobicity and the application to rapid reversed-phase liquid chromatographic separation of alkylbenzenes at high flow rate and elevated temperature. <i>Journal of Chromatography A</i> , 2006, 1106, 106-111.	1.8	73
3	Preparation and characterization of methacrylate-based semi-micro monoliths for high-throughput bioanalysis. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 386, 566-571.	1.9	45
4	Hybrid grafted ion exchanger for decontamination of radioactive cesium in Fukushima Prefecture and other contaminated areas. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2012, 293, 703-709.	0.7	39
5	Abaca/polyester nonwoven fabric functionalization for metal ion adsorbent synthesis via electron beam-induced emulsion grafting. <i>Radiation Physics and Chemistry</i> , 2013, 90, 104-110.	1.4	29
6	Synthesis of Graft Adsorbent with N-Methyl-D-glucamine for Boron Adsorption. <i>Journal of Ion Exchange</i> , 2007, 18, 236-239.	0.1	23
7	Biodiesel fuel production from waste cooking oil using radiation-grafted fibrous catalysts. <i>Radiation Physics and Chemistry</i> , 2018, 143, 41-46.	1.4	18
8	Chromium(VI) adsorption and reduction using a fibrous amidoxime-grafted adsorbent. <i>Separation and Purification Technology</i> , 2021, 277, 119536.	3.9	18
9	Tailoring Elution of Tetraalkylammonium Ions. Ideal Electrostatic Selectivity Elution Order on a Polymeric Ion Exchanger. <i>Analytical Chemistry</i> , 2007, 79, 769-772.	3.2	17
10	Multicomponent-Reaction-Ready Biomass-Sourced Organic Hybrids Fabricated via the Surface Immobilization of Polymers with Lignin-Based Compounds. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 7795-7803.	3.2	17
11	Study and Optimization on graft polymerization under normal pressure and air atmospheric conditions, and its application to metal adsorbent. <i>Radiation Physics and Chemistry</i> , 2012, 81, 889-898.	1.4	15
12	Development of a water purifier for radioactive cesium removal from contaminated natural water by radiation-induced graft polymerization. <i>Radiation Physics and Chemistry</i> , 2018, 143, 33-37.	1.4	15
13	Development of a Simplified Radiation-Induced Emulsion Graft Polymerization Method and Its Application to the Fabrication of a Heavy Metal Adsorbent. <i>Polymers</i> , 2019, 11, 1373.	2.0	15
14	Synthesis of Fibrous Metal Adsorbent with a Piperazinyl-Dithiocarbamate Group by Radiation-Induced Grafting and Its Performance. <i>ACS Omega</i> , 2020, 5, 2947-2956.	1.6	15
15	Rapid Biodiesel Fuel Production Using Novel Fibrous Catalyst Synthesized by Radiation-Induced Graft Polymerization. <i>International Journal of Organic Chemistry</i> , 2011, 01, 20-25.	0.3	15
16	Effect of partial delignification of kenaf bast fibers for radiation graft copolymerization. <i>Journal of Applied Polymer Science</i> , 2013, 127, 2891-2895.	1.3	13
17	Palm oil-based biodiesel synthesis by radiation-induced kenaf catalyst packed in a continuous flow system. <i>Industrial Crops and Products</i> , 2019, 136, 102-109.	2.5	12
18	RAFT-mediated graft polymerization of glycidyl methacrylate in emulsion from polyethylene/polypropylene initiated with $^{60}\text{Co}$ radiation. <i>Journal of Applied Polymer Science</i> , 2017, 134, 45270.	1.3	11

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19	Emulsion graft polymerization of 4-chloromethylstyrene on kenaf fiber by pre-irradiation method. <i>Radiation Physics and Chemistry</i> , 2013, 82, 63-68.	1.4	10
20	Evaluation of a cesium adsorbent grafted with ammonium 12-molybdophosphate. <i>Radiation Physics and Chemistry</i> , 2016, 119, 247-252.	1.4	10
21	Optimization of Grafted Fibrous Polymer as a Solid Basic Catalyst for Biodiesel Fuel Production. <i>International Journal of Organic Chemistry</i> , 2014, 04, 91-105.	0.3	9
22	Metal adsorbent for alkaline etching aqua solutions of Si wafer. <i>Radiation Physics and Chemistry</i> , 2012, 81, 971-974.	1.4	6
23	Surface Engineering of Fluoropolymer Films via the Attachment of Crown Ether Derivatives Based on the Combination of Radiation-Induced Graft Polymerization and the Kabachnikâ€Fields Reaction. <i>Polymers</i> , 2019, 11, 1337.	2.0	6
24	Machine learning approach for prediction of the grafting yield in radiation-induced graft polymerization. <i>Applied Materials Today</i> , 2021, 25, 101158.	2.3	6
25	Evaluation of an ODS Column Modified with Zwitterionic/Nonionic Mixed Surfactants and Its Application to Direct Injection Determination of Inorganic Anions. <i>Analytical Sciences</i> , 2005, 21, 913-916.	0.8	5
26	Preparation of Polylactic Acid Nonwoven Fabric-based Metal Adsorbent by Radiation-induced Graft Polymerization. <i>Journal of Ion Exchange</i> , 2007, 18, 214-219.	0.1	5
27	Enhanced amination and adsorption performance of functional copolymer synthesized via RAFT-mediated radiation grafting in emulsion. <i>Journal of Polymer Research</i> , 2018, 25, 1.	1.2	4
28	Synthesis of Highly-Selective Fibrous Adsorbent by Introducing 2-Ethylhexyl Hydrogen-2-Ethylhexylphosphonate for Scandium Adsorption. <i>International Journal of Organic Chemistry</i> , 2014, 04, 195-200.	0.3	4
29	Development of an Adsorbent for Cs Removal Synthesized by Radiation-Induced Graft Polymerization. <i>Journal of Ion Exchange</i> , 2015, 26, 9-14.	0.1	4
30	Development of High-Throughput Analysis System Using Highly-Functional Organic Polymer Monoliths. <i>Bunseki Kagaku</i> , 2008, 57, 517-529.	0.1	3
31	Evaluation of Antibacterial Effect by Using a Fibrous Grafted Material Loaded Ag Ligand. <i>International Journal of Organic Chemistry</i> , 2015, 05, 100-107.	0.3	3
32	Rapid Reversed-phase Separation Using Methacrylate-based C18 Monolithic Capillary Columns at High Flow Rates and Elevated Temperatures. <i>Chemistry Letters</i> , 2005, 34, 1198-1199.	0.7	2
33	Bleed-out suppression of silicone rubber by electron beam crosslinking. <i>Radiation Physics and Chemistry</i> , 2022, 193, 110002.	1.4	2
34	Preparation of Graft Adsorbent Having Amine Groups and Its Au(III) Adsorption Performance. <i>Journal of Ion Exchange</i> , 2007, 18, 232-235.	0.1	1
35	The Volume Reduction Method of Radioactively-Contaminated Plant Waste through Extraction and Removal of Radioactive Cesium. <i>Journal of Ion Exchange</i> , 2014, 25, 170-175.	0.1	1
36	Investigations to Increase the Efficiency of Fluorine and Boron Removal from Groundwater Using Radiation-Induced Graft Polymerization Adsorbent. <i>Transactions of the Atomic Energy Society of Japan</i> , 2010, 9, 330-338.	0.2	0

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37	Removal of Fluorine and Boron From Groundwater Using Radiation-Induced Graft Polymerization Adsorbent at Mizunami Underground Research Laboratory. , 2010, , .		0
38	Adsorption Properties of Styrenesulfonate-Grafted Fibrous Metal Adsorbent. Journal of Ion Exchange, 2014, 25, 99-104.	0.1	0