Tsuyoshi Yaita

List of Publications by Year
in descending order

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26 papers	5,681 citations	218677 26 h-index	552781 26 g-index
26 all docs	26 docs citations	26 times ranked	2848 citing authors

#	Article	IF	Citations
1	Radioactive cesium removal from nuclear wastewater by novel inorganic and conjugate adsorbents. Chemical Engineering Journal, 2014, 242, 127-135.	12.7	351
2	pH dependent Cu(II) and Pd(II) ions detection and removal from aqueous media by an efficient mesoporous adsorbent. Chemical Engineering Journal, 2014, 236, 100-109.	12.7	349
3	Selective cesium removal from radioactive liquid waste by crown ether immobilized new class conjugate adsorbent. Journal of Hazardous Materials, 2014, 278, 227-235.	12.4	323
4	Trace copper(II) ions detection and removal from water using novel ligand modified composite adsorbent. Chemical Engineering Journal, 2013, 222, 67-76.	12.7	312
5	Copper(II) ions capturing from water using ligand modified a new type mesoporous adsorbent. Chemical Engineering Journal, 2013, 221, 322-330.	12.7	304
6	Investigation of ligand immobilized nano-composite adsorbent for efficient cerium(III) detection and recovery. Chemical Engineering Journal, 2015, 265, 210-218.	12.7	271
7	Design a novel optical adsorbent for simultaneous ultra-trace cerium(III) detection, sorption and recovery. Chemical Engineering Journal, 2013, 228, 327-335.	12.7	259
8	Ultimate selenium(IV) monitoring and removal from water using a new class of organic ligand based composite adsorbent. Journal of Hazardous Materials, 2015, 291, 111-119.	12.4	250
9	Schiff based ligand containing nano-composite adsorbent for optical copper(II) ions removal from aqueous solutions. Chemical Engineering Journal, 2015, 279, 639-647.	12.7	246
10	Encapsulation of cesium from contaminated water with highly selective facial organicâ€“inorganic mesoporous hybrid adsorbent. Chemical Engineering Journal, 2016, 291, 128-137.	12.7	234
11	Efficient arsenic(V) removal from water by ligand exchange fibrous adsorbent. Water Research, 2012, 46, 5541-5550.	11.3	213
12	Evaluation of lanthanide sorption and their coordination mechanism by EXAFS measurement using novel hybrid adsorbent. Chemical Engineering Journal, 2013, 225, 558-566.	12.7	199
13	Ultra-trace copper(II) detection and removal from wastewater using novel meso-adsorbent. Journal of Industrial and Engineering Chemistry, 2014, 20, 2332-2340.	5.8	191
14	A sensitive ligand embedded nano-conjugate adsorbent for effective cobalt(II) ions capturing from contaminated water. Chemical Engineering Journal, 2015, 276, 1-10.	12.7	187
15	Mesoporous silica based novel conjugate adsorbent for efficient selenium(IV) detection and removal from water. Microporous and Mesoporous Materials, 2014, 197, 331-338.	4.4	185
16	Improving cesium removal to clean-up the contaminated water using modified conjugate material. Journal of Environmental Chemical Engineering, 2020, 8, 103684.	6.7	181
17	A novel ligand based dual conjugate adsorbent for cobalt(II) and copper(II) ions capturing from water. Sensors and Actuators B: Chemical, 2014, 203, 71-80.	7.8	178
18	A Reliable Hybrid Adsorbent for Efficient Radioactive Cesium Accumulation from Contaminated Wastewater. Scientific Reports, 2016, 6, 19937.	3.3	177

#	Article	IF	Citations
19	Evaluating of arsenic(V) removal from water by weak-base anion exchange adsorbents. Environmental Science and Pollution Research, 2013, 20, 421-430.	5.3	175
20	Selective lanthanide sorption and mechanism using novel hybrid Lewis base (N-methyl-N-phenyl-1,10-phenanthroline-2-carboxamide) ligand modified adsorbent. Journal of Hazardous Materials, 2013, 252-253, 313-320.	12.4	166
21	Investigation of palladium(II) detection and recovery using ligand modified conjugate adsorbent. Chemical Engineering Journal, 2013, 222, 172-179.	12.7	161
22	Preparation of new class composite adsorbent for enhanced palladium(II) detection and recovery. Sensors and Actuators B: Chemical, 2015, 209, 790-797.	7.8	159
23	Preparing of novel fibrous ligand exchange adsorbent for rapid column-mode trace phosphate removal from water. Journal of Industrial and Engineering Chemistry, 2014, 20, 2840-2847.	5.8	158
24	Efficient detection and extraction of cobalt(II) from lithium ion batteries and wastewater by novel composite adsorbent. Sensors and Actuators B: Chemical, 2014, 191, 9-18.	7.8	155
25	Rapid sensing and recovery of palladium(II) using N,N-bis(salicylidene)1,2-bis(2-aminophenylthio)ethane modified sensor ensemble adsorbent. Sensors and Actuators B: Chemical, 2013, 183, 332-341.	7.8	150
26	Rapid recognition and recovery of gold(III) with functional ligand immobilized novel mesoporous adsorbent. Microchemical Journal, 2013, 110, 591-598.	4.5	147