

Zu Jianhua

List of Publications by Year in descending order

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papers

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1040056

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#	ARTICLE	IF	CITATIONS
1	Efficient removal of ^{110}mAg nanoparticles (^{110}mAg Nps) in nuclear wastewater by Amines-containing anionic adsorbent PP-g-GMA@EDA. Separation and Purification Technology, 2022, 297, 121450.	7.9	4
2	Synthesis of diamide-based resin for selective separation of ^{99}Tc . Journal of Radioanalytical and Nuclear Chemistry, 2021, 328, 481-490.	1.5	5
3	Synthesis of novel sulfhydryl-functionalized chelating adsorbent and its application for selective adsorption of Ag(I) under high acid. Separation and Purification Technology, 2021, 271, 118778.	7.9	33
4	A highly hydrophilic cation exchange nonwoven with a further modifiable epoxy group prepared by radiation-induced graft polymerization. Polymer Chemistry, 2021, 12, 5803-5814.	3.9	3
5	An adsorption study of ^{99}Tc using nanoscale zero-valent iron supported on D001 resin. Frontiers in Energy, 2020, 14, 11-17.	2.3	11
6	The preparation of oxidative resin loaded with Fe^{3+} and their removal performance for ^{110}mAg in colloidal form. Journal of Radioanalytical and Nuclear Chemistry, 2020, 326, 1343-1349.	1.5	1
7	Synthesis and characterization of pyridyl anion exchange resin for ^{99}Tc removal. Journal of Radioanalytical and Nuclear Chemistry, 2019, 321, 235-242.	1.5	10
8	Effect of gamma irradiation on ammonium ion production and ion exchange capacity of pyridinium-type anion exchange resin. Journal of Radioanalytical and Nuclear Chemistry, 2019, 322, 2043-2048.	1.5	1
9	Facile synthesis and properties of a cation exchange membrane with bifunctional groups prepared by pre-irradiation graft copolymerization. RSC Advances, 2018, 8, 25966-25973.	3.6	7
10	Synthesis and characterization of porous 4VP-based adsorbent for Re adsorption as analogue to ^{99}Tc . Nuclear Science and Techniques/Hewuli, 2017, 28, 1.	3.4	12
11	Feasibility studies on the selective separation of fission palladium(II) by $\text{Hex-BTP/SiO}_2\text{-P}$ adsorbent from HLLW. Journal of Nuclear Science and Technology, 2017, 54, 899-907.	1.3	14
12	Study the radiation effects on 4-vinylpyridine-based porous resins in ^{99}Tc adsorption. Journal of Radioanalytical and Nuclear Chemistry, 2017, 311, 301-306.	1.5	7
13	Gamma radiolysis of anion exchange resins based on 4-vinylpyridine in aqueous solution. Journal of Radioanalytical and Nuclear Chemistry, 2017, 311, 1619-1625.	1.5	3
14	Pulse radiolysis investigation of $\hat{\text{A}}\cdot\text{OH}$ and $\hat{\text{A}}\cdot\text{H}$ radicals initiated degradation reaction of sulfonated aromatics as model compounds for proton exchange membrane. Research on Chemical Intermediates, 2016, 42, 2883-2898.	2.7	6
15	Adsorption of Re and ^{99}Tc by means of radiation-grafted weak basic anion exchange resin. Journal of Radioanalytical and Nuclear Chemistry, 2016, 310, 229-237.	1.5	18
16	Design of a strong-base anion exchanger and its adsorption and elution behavior for rhenium(VII). RSC Advances, 2016, 6, 18868-18873.	3.6	31
17	Preparation of anion exchange resin by recycling of waste printed circuit boards. RSC Advances, 2015, 5, 106680-106687.	3.6	2
18	Recycling of waste printed circuit boards into ion exchange resin. RSC Advances, 2015, 5, 2080-2087.	3.6	6

#	ARTICLE	IF	CITATIONS
19	Amination of glycidyl methacrylate-grafted polystyrene particles and their adsorption capacity for Nd ³⁺ and Cd ²⁺ . Iranian Polymer Journal (English Edition), 2013, 22, 259-265.	2.4	8
20	The effect of additives on radiation-induced grafting of AA and SSS onto HDPE. Journal of Radioanalytical and Nuclear Chemistry, 2007, 273, 479-484.	1.5	13
21	Radiation-induced grafting of acrylic acid and sodium styrene sulfonate onto high-density polyethylene membranes. I. Effect of grafting conditions. Journal of Applied Polymer Science, 2006, 99, 3401-3405.	2.6	16
22	Radiation-induced grafting of acrylic acid and sodium styrene sulfonate onto high-density polyethylene membranes. II. Thermal and chemical properties. Journal of Applied Polymer Science, 2006, 99, 3396-3400.	2.6	6