

Zu Jianhua

List of Publications by Year in descending order

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papers

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178
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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | Recycling of waste printed circuit boards into ion exchange resin. RSC Advances, 2015, 5, 2080-2087. | 3.6 | 6 |
| 15 | Pulse radiolysis investigation of OH and 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 |
| 16 | Synthesis of diamide-based resin for selective separation of ^{99}Tc . Journal of Radioanalytical and Nuclear Chemistry, 2021, 328, 481-490. | 1.5 | 5 |
| 17 | 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 |
| 18 | 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 |

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| 19 | A highly hydrophilic cation exchange nonwoven with a further modifiable epoxy group prepared by radiation-induced graft polymerization. <i>Polymer Chemistry</i> , 2021, 12, 5803-5814. | 3.9 | 3 |
| 20 | Preparation of anion exchange resin by recycling of waste printed circuit boards. <i>RSC Advances</i> , 2015, 5, 106680-106687. | 3.6 | 2 |
| 21 | Effect of gamma irradiation on ammonium ion production and ion exchange capacity of pyridinium-type anion exchange resin. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2019, 322, 2043-2048. | 1.5 | 1 |
| 22 | The preparation of oxidative resin loaded with Fe ³⁺ and their removal performance for 110â€‰%mAg in colloidal form. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2020, 326, 1343-1349. | 1.5 | 1 |