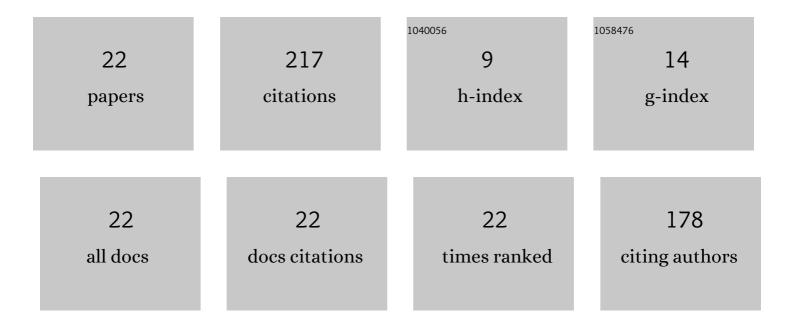
## Zu Jianhua

List of Publications by Year in descending order

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711 ΙΙΔΝΗΠΑ

#	Article	IF	CITATIONS
1	Synthesis of novel sulfydryl-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( <scp>VII</scp> ). RSC Advances, 2016, 6, 18868-18873.	3.6	31
3	Adsorption of Re and 99Tc 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 <i>iso</i> Hex-BTP/SiO <sub>2</sub> -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 99Tc. Nuclear Science and Techniques/Hewuli, 2017, 28, 1.	3.4	12
8	An adsorption study of 99Tc 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 99Tc 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 Nd3+ and Cd2+. Iranian Polymer Journal (English Edition), 2013, 22, 259-265.	2.4	8
11	Study the radiation effects on 4-vinylpyridine-based porous resins in 99Tc 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 99Tc. Journal of Radioanalytical and Nuclear Chemistry, 2021, 328, 481-490.	1.5	5
17	Efficient removal of 110mAg nanoparticles (110mAg 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

Zu Jianhua

#	Article	IF	CITATIONS
19	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
20	Preparation of anion exchange resin by recycling of waste printed circuit boards. RSC Advances, 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. Journal of Radioanalytical and Nuclear Chemistry, 2019, 322, 2043-2048.	1.5	1
22	The preparation of oxidative resin loaded with Fe3+ and their removal performance for 110 mAg in colloidal form. Journal of Radioanalytical and Nuclear Chemistry, 2020, 326, 1343-1349.	1.5	1