

Sr. no.	Name of the research paper	Authors	Details	Year
1	Effect of Gamma Irradiation on Kinetics of Ion Exchange of Co (III) on Dowex 50-W-X8 (NH ₄) ⁺ in Mixed Media	V. Kulkarni, S.S.Joshi, R.S.Kamle and A.A. Rathod	Proceedings of Radiochemistry and Radiation Chemistry, Nagpur University	1990
2	Cation Exchange Separation of Thorium and Strontium from Other Elements on Amberlite IR - 120 (NH ₄) ⁺	S.V. Kulkarni, N. V. Andhare and A.A. Rathod	Proceedings of 77th Indian Science Congress, February 1990, Page 51, Cochin	1990
3	Cation Exchange Separation of Thorium and Cadmium from Other Elements on Amberlite IR 120 (NH ₄) ⁺	S.V. Kulkarni, N.V. Andhare and A.A. Rathod	Journal of Shivaji University, (Science Section) Volume 24 Page 71, 1991	1991
4	Anion Exchange Separation of some Metal Ions in Aqueous Acetone - Propionic Acid Media	S.V. Kulkarni and A. A. Rathod	Tenth Annual Conference, Indian Council of Chemists Goa, March 1991	1991
5	Chromatographic Separation of Some metal ions in Water- acetone- n- butyric acid media using Dowex 21 K (Cl-) resin	S.V. Kulkarni and A. A. Rathod	Talanta 23: 534 ,	1991
6	Anion Exchange Separation of some Metal Ions in Aqueous - Acetone - Propionic Acid Media	S. V. Kulkarni and A. A. Rathod	Journal of Indian Council of Chemists Volume VIII, No. 2, Page 6, 1992	1992
7	Anion Exchange Separation of Some Metal Ions in Aqueous-Acetone-Propionic Acid Media	S.V.Kulkarni and A.A.Rathod	Journal of Shivaji University (Science Section) Volme 25, Page 31, 1993	1993
8	Column Chromatographic Separation of Some Metal Ions in Water - Acetone -n Butyric Acid Media.	S. V. Kulkarni and A. A. Rathod	National Academy of Sciences Letters Page 207, No. 17 Volume 11 & 12, 1994	1994
9	Separation of Some Metal Ions in Aqueous - Acetone - - Butyric Acid Media	S. V. Kulkarni and A. A. Rathod	National conference on Solvent Extraction Kolhapur, January 1995	1995
10	Column Chromatographic Separation of Mercury & Lead from other elements by using Amberlite IR 120 resin	S.V.Kulkarni and A.A.Rathod	Journal of Shivaji University (Science Section) Volme 27, Page 38, 1995	1995
11	Absorption behaviour of some metal ions on cation exchange resin Amberlite IR - 120 NH ₄ form in aqueous solution	S.V. Kulkarni and A. A. Rathod	National conference on Solvent Extraction Kolhapur, January 1996	1996
12	Ion Exchange Separation of Some metal ions in aqueous metallic acid medium by using Amberlite IR- 45 resin	S.V. Kulkarni and A. A. Rathod	National conference on Solvent Extraction Kolhapur, January 1996	1996
13	Effect of Gamma Irradiation on Adsorption Behaviour of Cadmium (II) on Dowex 21 K in Mixed Media	S.V.Kulkarni, R.S.Kamble and A.A.Rathod	Journal of Shivaji University (Science Section) Volme 29, Page 154, 1997	1997
14	Separation of Some Toxic Metals like Lead from aqueous-acetone-butyric acid medium using Dowex 21 K Cl- resin	S.V.Kulkarni and A.A.Rathod	National Academy of Sciences Letters Page 42, No. 17 Volume 15& 16, 1997	1997

Sr. no.	Name of the research paper	Authors	Details	Year
15	Separation of Some Metal Ions in Aqueous - Acetone - - Butyric Acid Media	S.V.Kulkarni and A.A.Rathod	Journal of Indian Council of Chemists Volume X, No. 3, Page102,	1999
16	Column Chromatographic Separation of Some Metal Ions in Water - Acetone -n Butyric Acid Media.	S.V.Kulkarni and A.A.Rathod	Journal of Indian Council of Chemists Volume x, No. 3, Page102, 1	2004
17	Column Chromatographic Separations of toxic metals lead and mercury from mixture of metal ions by using water-acetone- propionic acid media	A.A.Rathod	International Conference on Biomedical Engineering and Nanotechnology Page no. 105 P-50	2008
18	Column Chromatographic Separation of Some Metal Ions in Aqueous- Acetone-Propionic Acid Medum by using Dowex 21 K Cl- resin	A.A.Rathod. S.S.Joshi and T.S.Jangam	National Conference on Emerging Trends in Engineering, Technology & Architrcture, January 2011	2011
19	Anion Exchange Separaton of Nickel, Mercury, Copper, Calcium, Aluminium and cobalt from other elements by using Dowex IR - 45 (Cl-)	T.S.Jangam, S.S.Joshi and A.A.Rathod	National Conference on Emerging Trends in Engineering, Technology & Architrcture, January 2011	2011
20	Separation of Some Toxic Metals like Mercury, Aluminium and Lead from aqueous-acetone-isobutyric acid medium using Dowex 21 K Cl- resin	T.S.Jangam, A.A.Rathod and P.B.Patil	onal Conference on Emerging Trends in Engineering, Technolog Architrcture, January 2012	2012
21	Column Chronmatographic Separation of Some Metal Ions in Aqueous-Propioinc acid - Acetone Media	A.A.Rathod	National Conference on Frontiers in Chemical and Material Sciences Jan 16,17 2015	2015
22	Column Chromatographic Separation of Thorium and Strontium from other elements on Amberlite IR- 0 (NH)+ resin	A.A.Rathod, R.G. Benni, T.S.Jangam	National Conference on Emerging Trends in Engineering, Technology & Architrcture, January 2016	2016
23	Column Chromatographic Separation of Cadmium and Mercury from other elements on Dowex 21 K (Cl-) resin	A.A.Rathod	International Conference on Emerging Trends in Engg Technology & Architrcture, March 2017	2017

Sr. no.	Name of the research paper	Authors
1	Column Chromatographic Separation of Some Metal Ions in Aqueous-	A.A.Rathod, S.S.Joshi
	Acetone-Propionic Acid Medium by using Dowex 21 K Cl- resin	and T.S.Jangam
2	Anion Exchange Separation of Nickel, Mercury, Copper, Calcium, Aluminium	T.S.Jangam, S.S.Joshi
	and cobalt from other elements by using Dowex IR - 45 (Cl-)	and A.A.Rathod
3	Separation of Some Toxic Metals like Mercury, Aluminium and Lead from	T.S.Jangam, A.A.Rathod
	aqueous-acetone-isobutyric acid medium using	and P.B.Patil
	Dowex 21 K Cl- resin	
4	Column Chromatographic Separation of Some Metal Ions in Aqueous-Propionic acid - Acetone Media	A.A.Rathod
5	Column Chromatographic Separation of Thorium and Strontium from	A.A.Rathod, R.G. Benni,
	other elements on Amberlite IR- 0 (NH)+ resin	T.S.Jangam
6	Column Chromatographic Separation of Cadmium and Mercury from	A.A.Rathod
	other elements on Dowex 21 K (Cl-) resin	

Details	Year	
National Conference on Emerging Trends in Engineering,	2011	
Technology & Architecture, January 2011		
National Conference on Emerging Trends in Engineering,	2011	
Technology & Architecture, January 2011		
National Conference on Emerging Trends in Engineering, Technology &	2012	
Architecture, January 2012		
National Conference on Frontiers in Chemical	2015	
and Material Sciences		
Jan 16,17 2015		
National Conference on Emerging Trends in Engineering,	2016	
Technology & Architecture, January 2016		
International Conference on Emerging Trends in Engg	2017	
Technology & Architecture, March 2017		

