

Supplementary Materials

Article

Cation Exchange of Natural Zeolites: Worldwide Research

Table S1. Top 15 of the most cited documents.

Rank	Authors	Year	Title of documents	TC	References
1	Wang S. and Peng Y.	2010	Natural zeolites as effective adsorbents in water and wastewater treatment	1147	[8]
2	Erdem E., Karapinar N. and Donat R.	2004	The removal of heavy metal cations by natural zeolites	1065	[5]
3	Haggerty G.M. and Bowman R.S.	1994	Sorption of Chromate and Other Inorganic Anions by Organo-Zeolite	407	[6]
4	Bissen M. and Frimmel F.H.	2003	Arsenic - A review. Part II: Oxidation of arsenic and its removal in water treatment	400	[115]
5	Perić J., Trgo M. and Vukojević Medvidović N.	2004	Removal of zinc, copper and lead by natural zeolite - A comparison of adsorption isotherms	395	[116]
6	Vaca M., López R., Gehr R., Jiménez B., Alvarez P.	2001	Heavy metal removal with mexican clinoptilolite: Multi-component ionic exchange	294	[7]
7	Ćurković L., Cerjan-Stefanović S. and Filipan T.	1997	Metal ion exchange by natural and modified zeolites	287	[14]
8	Saltali K., Sari A. and Aydin M.	2007	Removal of ammonium ion from aqueous solution by natural Turkish (Yıldızeli) zeolite for environmental quality	287	[111]
9	Wang S. and Zhu Z.H.	2006	Characterisation and environmental application of an Australian natural zeolite for basic dye removal from aqueous solution	284	[45]
10	Jorgensen T.C. and Weatherley L.R.	2003	Ammonia removal from wastewater by ion exchange in the presence of organic contaminants	275	[106]
11	Matheickal J.T. and Yu Q.	1999	Biosorption of lead(II) and copper(II) from aqueous solutions by pre-treated biomass of Australian marine algae	259	[108]
12	Wingenfelder U., Hansen C., Furrer G. and Schulin R.	2005	Removal of heavy metals from mine waters by natural zeolites	240	[117]
13	Ouki S.K. and Kavannagh M.	1997	Performance of natural zeolites for the treatment of mixed metal- contaminated effluents	234	[118]

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| 14 | Misaelides P. | 2011 | Application of natural zeolites in environmental remediation: A short review | 230 | [11] |
| 15 | Kesraoui-Ouki S.,
Cheeseman C.R. and
Perry R. | 1994 | Natural zeolite utilisation in pollution control: A review of applications to metals' effluents | 224 | [27] |

Abbreviations: TC= Total number of citations received for document.