

References

1. Reddy DHK., Lee S.-M. Application of magnetic chitosan composites for the removal of toxic metal and dyes from aqueous solutions. *Adv. Colloid Inter. Sci.* 2013; 201–202: 68-93.
2. Fu F, Wang Q. Removal of heavy metal ions from wastewaters: A review. *J. Environ. Manage.* 2011; 92: 407-418.
3. Granato MA, Gaspar TM, Alves AF, Ulson de Souza, Selene A A, Ulson de Souza M A G. Reuse of wastewaters on dyeing of polyester fabric with encapsulated disperse dye. *Environ. Technol.* 2017; DOI.org/10.1080/09593330.2017.1393017.
4. Vucurovic V.M., Razmovski R.N., Tekic M.N. Methylene blue (cationic dye) adsorption onto sugar beet pulp: equilibrium isotherm and kinetic studies. *J. Taiwan Inst. Chem. Eng.* 2012; 43:108–111.
5. Yagub MT, Sen TK, Afroze S, Ang HM. Dye and its removal from aqueous solution by adsorption: A review. *Adv. Colloid Inter. Sci.* 2014; 209:172-184.
6. Ristić N, Ristić I. Cationic Modification of Cotton Fabrics and Reactive Dyeing Characteristics. *J. Eng. Fibers Fabrics.* 2012; 7:113-121.
7. Mielicki J. Zarys chemicznej obróbki wyrobów włókienniczych, Warszawa: Wydawnictwo Naukowo-Techniczne; 1991 (in Polish).
8. Lisiak-Kucińska A. Walidacja metod i niepewność wyników w badaniach zawartości metali ciężkich w wyrobach włókienniczych. *Przegląd włókienniczy – Włókno, Odzież, Skóra* 2012; 1: 21-24.
9. Dima JB, Sequeiros C, Zaritzky NE. Hexavalent chromium removal in contaminated water using reticulated chitosan micro/nanoparticles from seafood processing wastes. *Chemosphere* 2015; 14:110-111.
10. Balistrieri LS, Murray JW. The surface chemistry of goethite (α FeOOH) in major ion seawater. *Am. J. Sci.* 1981; 281: 788–806.
11. Kosmulski M. The significance of the difference in the point of zero charge between rutile and anatase. *Adv. Colloid Inter. Sci.* 2002; 99: 255-264.
12. Bouazizi A, Breida M, Achiou B, Ouammou M, Calvo J I, Aaddane A. Removal of dyes by a new nano-TiO₂ ultrafiltration membrane deposited on low-cost support prepared from natural Moroccan bentonite. *App. Clay Sci.* 2017; 149: 127-135.
13. Stöhr C, Horst J, Höll WH. Application of the surface complex formation model to ion exchange equilibria Part V. Adsorption of heavy metal salts onto weakly basic anion exchangers. *React. Funct. Polym.* 2001; 49: 117–132.
14. Harland C.E., Ion Exchange: Theory and Practice, 2nd ed., Cambridge: Royal Society of Chemistry; 1994.
15. Yagub MT, Sen TK, Afroze A, Ang HM. Dye and its removal from aqueous solutions by adsorption: A review. *Adv. Colloid Interface Sci.* 2014; 209: 172-184.
16. Crini G, Badot P-M. Sorption Processes and Pollution: Conventional and Non-conventional Sorbents for pollutant removal from wastewaters, Presses Univ. Franche-Comté; 2010.
17. Wołowicz A, Hubicki Z. The use of the chelating resin of a new generation Lewatit MonoPlus TP-220 with the bis-picolyamine functional groups in the removal of selected metal ions from acidic solutions. *Chem. Eng. J.* 2012; 197: 493-508.
18. Barrera-Díaz CE, Lugo-Lugo V, Bilyeu B. Effect of pH on the removal of Cr(III) and Cr(VI) from aqueous solution by modified polyethyleneimine. *J. Hazard. Mater.* 2012; 223–224: 1-12.
19. Wójcik G, Hubicki Z. Sorption and reduction of chromate(VI) ions on Purolite A 830. *Sep. Sci. Theory and Practice* 2015; 51: 15-16.

20. Bhutani MM, Kumari R, Mitra AK. Feasibility study of aqueous adsorption of Cr(VI) on titanium dioxide. *J. Radioanal. Nucl. Chem.* 1992; 159:343-351.
21. Konstantinou M, Pashalidis I. Competitive sorption of Cu(II), Eu(III) and U(VI) ions on TiO₂ in aqueous solutions – a potentiometric study. *Colloid Surf. A: Physicochem. Eng. Aspects* 2008; 324: 217-221.
22. Wawrzkiewicz M, Wiśniewska M, Gun'ko VM, Zarko V I. Adsorptive removal of acid, reactive and direct dyes from aqueous solutions and wastewater using mixed silica–alumina oxide. *Powder Technol.* 2015; 278: 306–315.
23. Wawrzkiewicz M. Anion-exchange resins for C.I. Direct Blue 71 removal from aqueous solutions and wastewaters: effects of basicity and matrix composition and structure. *Ind. Eng. Chem. Res.* 2014; 53: 11838–11849.
24. Kaušpēdienė D, Kazlauskienė E, Česūnienė R, Gefenienė A, Ragauskas R, Selskiene A. Removal of the phthalocyanine dye from acidic solutions using resins with the polystyrene divinylbenzene matrix. *Chemija* 2013; 24: 171–181.
25. Kaušpēdienė E, Gefenienė A, Kazlauskienė E, Ragauskas R, Selskiene A. Simultaneous Removal of Azo and Phthalocyanine Dyes from Aqueous Solutions Using Weak Base Anion Exchange Resin. *Water Air Soil Poll.* 2013; 224: 1769-1776.
26. Kaušpēdienė D, Kazlauskienė E, Gefenienė A, Binkienė R. Comparison of the efficiency of activated carbon and neutral polymeric adsorbent in removal of chromium complex dye from aqueous solutions. *J. Hazard. Mater.* 2010; 179: 933-939.
27. Wawrzkiewicz M, Hubicki Z. Anion exchange resins as effective sorbents for removal of acid, reactive and direct dyes from textile wastewaters in *Ion Exchange: Studies and Applications* (ed. A. Kilislioglu), Rijeka: InTech Publishers; 2015: 37-72.
28. Wawrzkiewicz M, Hubicki Z, Polska-Adach E. Strongly basic anion exchanger Lewatit MonoPlus SR-7 for acid, reactive, and direct dyes removal from wastewaters. *Sep. Sci. Technol.* (Philadelphia). 2017; 1-11, <http://dx.doi.org/10.1080/01496395.2017.1293098>.
29. <https://www.lenntech.com/Data-sheets/Lewatit-VP-OC-1065-L.pdf>
30. http://msdssearch.dow.com/PublishedLiteratureDOWCOM/dh_02be/0901b803802be230.pdf?filepath=liquidseps/pdfs/noreg/177-02163.pdf