

6. Kupper, F.C., Kloareg, B., Guern, J., Potin, P., Oligoguluronates elicit an oxidative burst in the brown algal kelp *Laminaria digitata*. *Plant Physiol.*, 125, 278–291, 2001.
7. Smidsrød, O. and Skjak-Bræk, G., Alginate as immobilization matrix for cells. *Trends Biotechnol.*, 8, 71–78, 1990.
8. Nedovic, V., Wallaert, R., (Eds.), *Fundamentals of Cell Immobilisation Biotechnology*, Kluwer Academic, Dordrecht, 2004.
9. Clare, K., Algin, in: *Industrial Gums: Polysaccharides and Their Derivatives*, R.L. Whister, J.N. BeMiller (Eds.), pp. 105–143, Academic Press, Toronto, 1993.
10. Donati, I. and Paoletti, S., Material properties of alginates, in: *Alginates: Biology and Applications*, B.H.A. Rehm (Ed.), Springer-Verlag, Berlin, 2009.
11. Haug, A., Affinity of some divalent metals to different types of alginates. *Acta Chemic. Scand.*, 15, 1794–1795, 1961.
12. Haug, A. and Smidsrod, O., Effect of divalent metals on properties of alginate solutions. II. Comparison of different metal ions. *Acta Chemic. Scand.*, 19, 341–351, 1965.
13. Jang, L.K., Lopez, S.L., Eastman, S.L., Pryfogle, P., Recovery of copper and cobalt by biopolymer gels. *Biotechnol. Bioeng.*, 37, 266–273, 1991.
14. Gombotz, W.R. and Wee, S.F., Protein release from alginate matrices. *Adv. Drug Deliv. Rev.*, 31, 267–285, 1998.
15. Yang, C.H., Wang, M.X., Haider, H., Yang, J.H., Sun, J.Y., Chen, Y.M., Zhou, J., Suo, Z., Strengthening alginate/polyacrylamide hydrogels using various multivalent cations. *ACS Appl. Mat. Interf.*, 5, 10418–10422, 2013.
16. Szekalska, M., PuciBowska, A., Szymańska, E., Ciosek, P., Winnicka, K., Alginate: Current use and future perspectives in pharmaceutical and biomedical applications. *Int. J. Polym. Sci.*, 2016, 1–17, 2016.
17. Kashima, K. and Masanao, I., Advanced membrane material from marine biological polymer and sensitive molecular-size recognition for promising separation technology, in: *Advancing Desalination*, R.Y. Ning (Ed.), pp. 3–36, InTech, 2012.
18. Draget, K.I., Alginates, in: *Handbook of Hydrocolloids*, G.O. Phillips, P.A. Williams (Eds.), pp. 807–828, Woodhead Publishing, Cambridge, 2009.
19. Draget, K.I., Skjak-Braek, G., Stokke, B.T., Similarities and differences between alginic acid gels and ionically cross-linked alginate gels. *Food Hydrocoll.*, 20, 170–175, 2006.
20. Smith, A.M. and Miri, T., Alginates in foods, in: *Practical Food Rheology*, I.T. Norton, F. Spyropoulos, P. Cox (Eds.), pp. 113–132, Wiley-Blackwell, Oxford, 2011.
21. Lee, K.Y. and Mooney, D.J., Alginate: Properties and biomedical applications. *Prog. Polym. Sci.*, 37, 106–126, 2012.
22. Hay, I.D., Rehman, Z.U., Ghafoor, A., Rehm, B.H.A., Bacterial biosynthesis of alginates. *J. Chem. Technol. Biotechnol.*, 85, 752–759, 2010.
23. Leroux, M.A., Guilak, F., Setton, L.A., Compressive and shear properties of alginate gels: Effects of sodium ions and alginate concentration. *J. Biomed. Mater. Res.*, 47, 46–53, 1999.