

REFERENCES

- Atkins, P.W., Trapp, C.A. and Paula, J.D. (2010) *Physical Chemistry*. Oxford: Oxford Univ. Press.
- Brady, J.E., Senese, F. and Hyslop, A. (2012). *Chemistry : the study of matter and its changes*. Hoboken, Nj: John Wiley & Sons.
- Hassler, J.W. (1963) *Active carbon by John W. Hassler*. Brooklin, N.Y: Chemical Publ. Co.
- House, J.E. (2019). *Inorganic chemistry*. Amsterdam: Academic Press.
- Huang, D. *et al.* (2019) "Adsorption and desorption of phenanthrene by magnetic graphene nanomaterials from water: Roles of ph, heavy metal ions and natural organic matter," *Chemical Engineering Journal*, 368, pp. 390–399.
- J. F. Byrne and H. Marsh, "Introductory Overview," In: J. W. Patrick, Ed., *Porosity in Carbons: Characterization and Applications*, Edward Arnold, London, 1995, pp. 7-12.
- Li, H. *et al.* (2020) "Facile preparation of zeolite-activated carbon composite from coal gangue with enhanced adsorption performance," *Chemical Engineering Journal*, 390, p. 124513.
- Liang, W. *et al.* (2017) "Asphalt-derived high surface area activated porous carbons for the effective adsorption separation of ethane and ethylene," *Chemical Engineering Science*, 162, pp. 192–202.
- Liu, B. *et al.* (2014) "Microwave-assisted modification on montmorillonite with ester-containing Gemini surfactant and its adsorption behavior for Triclosan," *Journal of Colloid and Interface Science*, 418, pp. 311–316.
- Meyers, R. (2002) *Encyclopedia of Physical Science and Technology*. San Diego: Academic Press.
- Schnoor, J.L. (1996) *Environmental modeling: Fate and trasport of pollutants in water, air, and Soil*. Hoboken, NJ: John Wiley & Sons.
- Wang, W. *et al.* (2011) "Preparation of fluorescent nanofibrous film as a sensing material and adsorbent for Cu^{2+} in aqueous solution via Copolymerization and electrospinning," *Journal of Hazardous Materials*, 194, pp. 185–192.

- Xing, Y., Liu, D. and Zhang, L.-P. (2010) "Enhanced adsorption of methylene blue by EDTAD-modified sugarcane bagasse and photocatalytic regeneration of the adsorbent," *Desalination*, 259(1-3), pp. 187–191.
- Zhao, J. *et al.* (2017) "Synthesis of functionalized mgal-layered double hydroxides via modified mussel inspired chemistry and their application in organic dye adsorption," *Journal of Colloid and Interface Science*, 505, pp. 168–177.
- Zhu, H.Y. *et al.* (2010) "Preparation, characterization, adsorption kinetics and thermodynamics of novel magnetic chitosan enwrapping nanosized γ -Fe₂O₃ and multi-walled carbon nanotubes with enhanced adsorption properties for methyl orange," *Bioresource Technology*, 101(14), pp. 5063–5069.