

Рекомендована література

1. Carey F.A., Sundberg R.J. Advanced Organic Chemistry, Part A: Structure and Mechanisms, 5th Edition, Springer, 2008, 1199 p.
2. Smith W.B. Introduction to Theoretical Organic Chemistry and Molecular Modelling, Wiley, 1996, 208 p.
3. Callister W. D. Fundamentals of Material Science and Engineering. 5th Ed. J. Wiley & Sons, Inc.: 2015; 960 p.
4. Fraxedas J.. Molecular Organic Molecules. From Molecules to Crystalline Solids. Cambridge University Press: 2006; 356 p.
5. Smith M. B. March's Advanced Organic Chemistry: Reactions, Mechanisms, and Structure. 7th Ed. Wiley: 2013. 2080 p.
6. Clayden J., Greeves N., Warren S. Organic Chemistry. 2nd Ed. Oxford University Press: 2012. 1261 p.

10. Посилання на інформаційні ресурси в Інтернеті, відео-лекції, інше методичне забезпечення

1. Nanotechnology and Nanosensors: Part 1, 2. Hossam Haick, Technion - Israel Institute of Technology,
<https://www.coursera.org/learn/nanotechnology1/home/welcome>
<https://www.coursera.org/learn/nanotechnology2/home/welcome>
2. Organic Electronic Devices. Bryan Boudouris, Purdue university.
<https://courses.edx.org/courses/course-v1:MITx+3.15x+1T2015/info>
3. Organic Solar Cells - Theory and Practice. Eva Bundgaard, Technical University of Denmark.
<https://www.coursera.org/learn/solar-cell/home/welcome>
4. Electrical, Optical, Magnetic Materials and Devices, Massachusetts Institute of Technology.
<https://courses.edx.org/courses/course-v1:MITx+3.15x+1T2015/course/>