

Biotechnology

Subject List (select bibliography)

Subject keywords : 'biotechnology', 'biomaterials' and 'biomedical technology' and 'biomedical science'

Year Covered : 2007 – 2009

Resources : Books, Audio Visuals, Journals

Citation Style : APA (American Psychological Association)

BOOKS

1. *Ullmann's biotechnology and biochemical engineering*. (2007). Weinheim: Wiley-VCH.
2. Bancroft, J. D., & Gamble, M. (2008). *Theory and practice of histological techniques* (6th ed.). Edinburgh: Churchill Livingstone.
3. Brooker, R. J. (2008). *Biology*. Boston: McGraw-Hill Higher Education.
4. Brown, S. S. (2007). *Opportunities in biotechnology careers* (Rev. ed.). New York: McGraw Hill.
5. Clark, D. P., & Pazdernik, N. J. (2009). *Biotechnology : applying the genetic revolution*. Amsterdam: Academic Press/Elsevier.
6. Colville, T. P., & Bassert, J. M. (2008). *Clinical anatomy and physiology for veterinary technicians* (2nd ed.). St. Louis, MO: Mosby Elsevier.
7. Cooper, R. A., Ohnabe, H., & Hobson, D. A. (Eds.). (2007). *An introduction to rehabilitation engineering*. Boca Raton, FL: Taylor & Francis.
8. David, K. H., & Thompson, P. B. (Eds.). (2008). *What can nanotechnology learn from biotechnology?: social and ethical lessons for nanoscience from the debate over agrifood biotechnology and GMOs*. Amsterdam: Elsevier/Academic Press.
9. De Grey, A., & Rae, M. (2007). *Ending aging: the rejuvenation breakthroughs that could reverse human aging in our lifetime*. New York: St. Martin's Press.

10. Dickenson, D. (2008). *Body shopping: the economy fuelled by flesh and blood*. Oxford: Oneworld.
11. El-Mansi, M., & Bryce, C. (Eds.). (2007). *Fermentation microbiology and biotechnology* (2nd ed.). Boca Raton, FL: CRC.
12. Feng, D. D. (Ed.). (2008). *Biomedical information technology*. Amsterdam: Academic Press.
13. Fox, S. I. (2009). *Fundamentals of human physiology*. New York: McGraw-Hill.
14. Gad, S. C. (Ed.). (2007). *Handbook of pharmaceutical biotechnology*. Hoboken, NJ: Wiley-Interscience.
15. Garcia-Junceda, E. (Ed.). (2008). *Multi-step enzyme catalysis: biotransformations and chemoenzymatic synthesis*. Weinheim Chichester: John Wiley distributor.
16. Glazer, A. N., & Nikaido, H. (2007). *Microbial biotechnology: fundamentals of applied microbiology* (2nd ed.). Cambridge: Cambridge University Press.
17. Gunn, M. A. (2007). *Welcome to biotech nation: my unexpected odyssey into the land of small molecules, lean genes, and big ideas*. New York: AMACOM.
18. Hammond, B. G. (Ed.). (2008). *Food safety of proteins in agricultural biotechnology*. Boca Raton, FL: CRC Press.
19. Harisha, S. (2007). *Biotechnology procedures and experiments handbook*. Hingham: Infinity Science Press.
20. Havkin-Frenkel, D., & Belanger, F. C. (Eds.). (2008). *Biotechnology in flavor production*. Oxford: Blackwell.
21. Holdrege, C., & Talbott, S. (2008). *Beyond biotechnology: the barren promise of genetic engineering*. Lexington: University Press of Kentucky.
22. Hope, J. (2008). *Biobazaar: the open source revolution and biotechnology*. Cambridge: Harvard University Press.
23. Hou, C. T., & Shaw, J. (Eds.). (2008). *Biocatalysis and bioenergy*. Hoboken, NJ: Wiley.

24. Huopalahti, R. (Ed.). (2007). *Bioactive egg compounds*. Berlin: Springer.
25. Ignacimuthu, S. (2008). *Biotechnology: an introduction*. Oxford: Alpha Science.
26. Kac, E. (2007). *Signs of life: bio art and beyond*. Cambridge: MIT Press.
27. Kayser, O., & Quax, W. J. (Eds.). (2007). *Medicinal plant biotechnology: from basic research to industrial applications*. Weinheim: Wiley-VCH.
28. Khan, I. A. (Ed.). (2007). *Citrus genetics, breeding and biotechnology*. Wallingford, UK: CABI.
29. Kimbrell, A. (2007). *Your right to know: genetic engineering and the secret changes in your food*. San Rafael: Earth Aware.
30. Knopf, G. K., & Bassi, A. S. (Eds.). (2007). *Smart biosensor technology*. Boca Raton, FL: CRC Press.
31. Kreuzer, H., Massey, A., & Kreuzer, H. (2008). *Molecular biology and biotechnology: a guide for students* (3rd ed.). Washington: ASM Press.
32. Kumar, C. S. S. R. (Ed.). (2007). *Nanotechnologies for the life sciences*. Weinheim: Wiley-VCH.
33. Lanza, R. P., Langer, R. S., & Vacanti, J. (Eds.). (2007). *Principles of tissue engineering* (3rd ed.). Amsterdam : Elsevier Academic Press.
34. Logan, B. E. (2008). *Microbial fuel cells*. Hoboken, NJ: Wiley-Interscience.
35. Millennium Research Group. (2007). *Sage sourcebook of modern biomedical devices: business environments in a global market*. Thousand Oaks, CA: Sage Publications.
36. Mine, Y. (Ed.). (2008). *Egg bioscience and biotechnology*. Hoboken, NJ: Wiley-Interscience.
37. Mitchell, C. B. (Ed.). (2007). *Biotechnology and the human good*. Washington: Georgetown University Press.
38. Mousdale, D. M. (2008). *Biofuels: biotechnology, chemistry, and sustainable development*. Boca Raton, FL: CRC Press.
39. Muralitharan, M. (Ed.). (2007). *Biotechnology in Malaysia & Thailand*. Singapore: KH Biotech Services.
40. Nag, A. (Ed.). (2008). *Biofuels refining and performance*. New York: McGraw-Hill.

41. Nair, A. J. (2008). *Introduction to biotechnology and genetic engineering*. Hingham, MA: Infinity Science Press.
42. Nigam, A., & Ayyagari, A. (2007). *Lab manual in biochemistry, immunology and biotechnology*. New Delhi: Tata McGraw-Hill Pub.
43. Palmer, T., & Bonner, P. (2007). *Enzymes: biochemistry, biotechnology and clinical chemistry* (2nd ed.). Chichester, West Sussex: Horwood.
44. Park, J. B., & Lakes, R. S. (2007). *Biomaterials: an introduction* (3rd ed.). New York: Springer.
45. Patel, R. N. (Ed.). (2007). *Biocatalysis in the pharmaceutical and biotechnology industries*. Boca Raton, FL: CRC Press.
46. Rakhorst, G., & Ploeg, R. J. (Eds.). (2008). *Biomaterials in modern medicine: the Groningen perspective*. New Jersey: World Scientific.
47. Rastall, R. (Ed.). (2007). *Novel enzyme technology for food applications*. England: CRC Press.
48. Read, C. Y., Green, R. C., & Smyer, M. A. (Eds.). (2008). *Aging, biotechnology, and the future*. Baltimore: Johns Hopkins University Press.
49. Renneberg, R., & Demain, A. L. (2008). *Biotechnology for beginners*. Amsterdam: Academic Press.
50. Sablani, S. S. (Ed.). (2007). *Handbook of food and bioprocess modeling techniques*. Boca Raton, FL: CRC/Taylor & Francis.
51. Schmidt, S. (2008). *The coming convergence: surprising ways diverse technologies interact to shape our world and change the future*. Amherst, NY: Prometheus Books.
52. Seidman, L. A. (2008). *Basic laboratory calculations for biotechnology*. San Francisco: Pearson Benjamin Cummings.
53. Shargel, L. (Ed.). (2007). *Comprehensive pharmacy review* (6th ed.). Philadelphia: Wolters Kluwer Health/Lippincott Williams & Wilkins.
54. Shetty, K. (Ed.). (2007). *Functional foods and biotechnology*. Boca Raton, FL: CRC Press.
55. Splinter, R., & Hooper, B. A. (2007). *An introduction to biomedical optics*. New York: Taylor & Francis.

56. Stanley, S. A. (2008). *Cell biology for biotechnologists*. Oxford: Alpha Science International.
57. Stephenson, F. H., & Boyer, H. W. (2007). *DNA: how the biotech revolution is changing the way we fight disease*. Amherst, NY: Prometheus Books.
58. Stewart, C. N. (Ed.). (2008). *Plant biotechnology and genetics: principles, techniques, and applications*. Hoboken, NJ: Wiley.
59. Street, L. J. (2008). *Introduction to biomedical engineering technology*. Boca Raton, FL: CRC Press.
60. Talaro, K. P. (2008). *Foundations in microbiology* (6th ed.). Boston: McGraw-Hill Higher Education.
61. Temenoff, J. S., & Mikos, A. G. (2008). *Biomaterials: the intersection of biology and materials science*. Upper Saddle River, NJ: Pearson/Prentice Hall.
62. Teng, P. S. (2008). *Bioscience entrepreneurship in Asia: creating value with biology*. Singapore: World Scientific.
63. Thieman, W. J., & Palladino, M. A. (2009). *Introduction to biotechnology* (2nd ed.). San Francisco, CA: Pearson/Benjamin Cummings.
64. Urster, J. P. (Ed.). (2008). *Research trends in nutrition for the middle aged and elderly*. New York: Nova Science Publishers.
65. Vo-Dinh, T. (Ed.). (2007). *Nanotechnology in biology and medicine: methods, devices, and applications*. Boca Raton, FL: CRC Press.
66. Walker, S. (2007). *Biotechnology demystified*. New York: McGraw-Hill.
67. Walsh, G. (2007). *Pharmaceutical biotechnology: concepts and applications*. Chichester, West Sussex: John Wiley & Sons.
68. Weirich, P. (Ed.). (2007). *Labeling genetically modified food: the philosophical and legal debate*. Oxford: Oxford University Press.
69. Wnek, G. E., & Bowlin, G. L. (Eds.). (2008). *Encyclopedia of biomaterials and biomedical engineering* (2nd ed.). New York: Informa Healthcare.
70. Wong, J. Y., & Bronzino, J. D. (Eds.). (2007). *Biomaterials*. Boca Raton, FL: CRC Press.
71. Wu-Pong, S., & Rojanasakul, Y. (Eds.). (2008). *Biopharmaceutical drug design and development* (2nd ed.). Totowa, NJ: Humana Press.

72. Yih, T. C., & Talpasanu, I. (Eds.). (2008). *Micro and nano manipulations for biomedical applications*. Boston, MA: Artech House.

73. Zhang, M., Nelson, B. J., & Felder, R. (Eds.). (2007). *Life science automation: fundamentals and applications*. Norwood, MA: Artech House.

AUDIO-VISUAL MATERIALS

1. Finitzo, M. (Director). (2008). *Mapping stem cell research: terra incognita*. [Motion picture]. Chicago: Kartemquin Educational Films.
2. Lacques, A. (Director). (2008). *Modern marvels. Environmental tech*. [Motion picture] Actuality New York : A&E Television Networks.
3. Micay, J. (Director). (2006). *The seeds of a new era*. [Motion picture]. Princeton, NJ: a MediCinema Ltd. in association with the Agency for Instructional Technology (AIT).
4. Stonebarger, B. (Scripter writer). (2005). *Stem cells* [Motion picture]. Madison, WI: Hawkhill Associates.
5. Meridian Education Corporation. *Overview of biotechnology*. (2004). [Motion picture]. Charleston, WV : Author.
6. Stonebarger, B. (Writer & Producer). (2004). *The gene* [Motion picture]. Madison, WI: Hawkhill Associates.
7. Slaight, J. (Writer). Allegro Productions. (2003) *Biotechnology: plants animals & people* [Motion picture]. Rochester, NY: Neo/Sci.
8. Knappenberger, B. (Writer & Producer). (2002). *Into the body*. [Motion picture]. New York, NY: Ambrose Video.
9. Sacerdote, A. (Director). (2002). *Fed up: genetic engineering, industrial agriculture, and sustainable alternatives*. [Motion picture]. San Francisco, CA: Wholesome Goodness Productions.
10. Schrank, J. (Writer). (2002). *Brave new foods: the biotech revolution*. [Motion picture]. Lake Zurich, IL: Learning Seed.

PERIODICALS/JOURNALS

1. *Asia-Pacific biotech news*. (1997-). Singapore : KH Biotech Services.
2. *Bioinformatics in Japan*. (2007). Singapore: KH Biotech Services.
3. *Biotechnology techniques*. (1992-) Kew, Surrey, England: Science & Technology Letters.
4. *Foodinfo : your newsletter from the publishers of FSTA*. (1992-) Shinfield, Reading: IFIS.
5. *Membrane technology*. (1991-) Oxford, England : Elsevier Advanced Technology.
6. *Trends in food science & technology*. (1990-). Cambridge, UK: Elsevier Trends Journals.
7. *Trends in biotechnology*. (1983-) Amsterdam, Netherlands: Elsevier Science Publishers B.V.
8. *Journal of biomechanical engineering*. (1977-) New York, NY: American Society of Mechanical Engineers.
9. *IEEE engineering in medicine and biology magazine*. (1982 -) New York, NY: The Society,

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