

Referência bibliográfica

Allinson, R. **High Polymers.** v. XI. Interscience Publishers, Inc., New York 1996.

Basset, D. C. **Mechanical properties of polymers based on nanostructure and morphology.** Edited by G. H. Michler & F. J. Baltá-Calleja. Part I: Structural and Morphological Characterization. Chapter 1: The morphology of crystalline polymers. 2005.

Becker, W. **Treatment of small defects adjacent to oral implants with various biomaterials.** Periodontology 2000, 2003; 33: 26-35.

Buser, D.; Dahlin, C.; Schenk, R. K. **Guided Bone Regeneration in Implant Dentistry.** Edited: Lori A. Bateman. Quintessence Publishing Co, Inc. Chicago. Quintessence books, 1994. p.31-234.

Cahn, R. W.; Haasen, P.; Kramer, E. J. **Materials Science and Technology: A Comprehensive Treatment.** Edited: Edwin L. Thomas. 1. ed. v. 12 Structure and Properties of Polymers. 1993.

Callister, W. D. **Ciência e Engenharia de Materiais: uma introdução.** 5. ed. Livros técnicos e científicos editora S.A., 2002. p.327-353.

Canullo, L.; Malagnino, V. A. **Vertical ridge augmentation around implants by e-PTFE titanium-reinforced membrane and bovine bone matrix: a 24-to 54-month study of 10 consecutive cases.** International Journal Oral Maxillofacial Implants, 2008; v.23: 858-866.

Chapiro, A.; Seidler, P. **Preparation et propriétés de quelques membranes semi-permeables obtenues par greffage de films de polytetrafluoroéthylène dans leur masse.** European Polymer Journal, 1965; v.1: p. 189-205.

De Marco, A. C.; Jardini, M. A. N.; Lima, L. A. P. A. **Revascularization of autogenous block grafts with or without a e-PTFE membrane.** International Journal Oral Maxillofacial Implants, 2005; 20: 867-874.

Dekker, M. **HANDBOOK of Polyolefins.** 2. ed. revised and expanded; edited by Cornelia Vasile – Romanian Academy “P. Poni” Institute of Macromolecular Chemistry Iasi, Romania. 2000.

Dupoirieux, L.; Pourquier, D.; Picot, M. C.; Never, M. **Comparative study of three different membranes for guided bone regeneration of rat cranial defects.** International Journal Oral Maxillofacial Surg, 2001; 30: 58-62.

Friel, J. J. Measurements. In: **ASM International. Practical Guide to Image Analysis.** Materials Park (OH,USA), 2000. p. 101-128.

Goldstein, J. I.; Newbury, D. E.; Echil, P.; Joy, D. C.; Romig Jr, A. D.; Lyman, C. E.; Fiori, C.; Lifshin, E. **Scanning electron microscopy and X-ray microanalysis.** New York: Plenum Press; 1992.

Gonzalez, R. C.; Woods, R. E. **Digital Image Processing.** 2. ed. Upper Saddle River (NJ, USA): Prentice-Hall, 2002.

Gore, R. W. **United States Patent 3953566,** 27 April, 1976.

Gottlow, J.; Nyman, S.; Karring, T.; Lindhe, T. **New attachement formation as the result of controlled tissue regeneration.** Journal of Clinical Periodontology, 1984; 11: 494-503.

Hemminger, W. **Calorimetry and Thermal Analysis of Polymers.** Mathot, M. B. F. ed. Hanser: Munique, 1994, p. 18-45.

Huang, J.; Lee, Y. H. **Evaluation of uni-axially expanded PTFE as a gasket material for fluid sealing applications.** Materials Chemistry and Physics, 2001; 70: 197-207.

Huang, J.; Zhang J.; Hao, X.; Guo, Y. **Study of a new novel process for preparing and co-stretching PTFE membrane and its properties.** European Polymer Journal, 2004; 40: 667-671.

Huang, L. T.; Hsu, P. S.; Kuo, C. Y.; Chen, S. C.; Lai, J. Y. **Pore size control of PTFE membranes by stretch operation with asymmetric heating system.** Desalination, 2008; 233: 64-72.

Imbronito, A. V.; Todescan, J. H.; Carvalho, C. V.; Arana-Chaves, V. E. **Healing of alveolar boné in resorbable and non-resorbable membrane-protected defects. A histologic pilot study in dog.** Biomaterials, 2002; 23: 4079-4086.

Jung, R. E.; Hä默le, C. H. F.; Kokovic, V.; Weber, F. E. **Bone regeneration using a synthetic matrix containing a parathyroid hormone peptide combined with a grafting material.** International Journal Oral Maxillofacial Implants, 2007; 22: 258-266.

Kestenbach, H. J.; Bota Filho, W. J. **Microscopia eletrônica transmissão e varredura.** São Paulo: ABM, 1994.

Kuramada, K.; Kitamura, T.; Fukumoto, N.; Oshima, M.; Tanigaki, M.; Kanazawa, S. **Structure generation in PTFE porous membrane induced by**

the uniaxial and biaxial stretching operations. Journal Membrane Sci, 1998; 149: 51-57.

Lin, H. L.; Yu, T. L.; Chang, W. K.; Cheng, C. P.; Hu, C. R.; Jung, G. B. **Preparation of a low proton resistance PBI/PTFE composite membrane.** Journal of Power Sources, 2007; 164: 481-487.

Lindhe, J.; Karring, T.; Lang, N. P. **Tratado de Periodontia Clínica e Implantologia Oral.** 3. ed. Editora Guanabara Koogan S.A., 1999. p.441-458.

Mano, E. B.; Mendes, L. C. **Introdução a polímero.** 2. ed. São Paulo: Editora Blücher, 1999.

Marouf, H. A.; El-Guindi, H. M. **Efficacy of high-density versus semipermeable PTFE membranes in an elderly experimental model.** Oral Surg Oral Med Oral Pathol Oral Radiol Endod, 2000; 89: 164-170.

Nyman, S.; Lindhe, J.; Karring, T.; Rylander, H. **New attachment following surgical treatment of human periodontal disease.** Journal of Clinical Periodontology, 1982; 9: 290-296.

Otsu, N. A. **Threshold Selection Method from Gray-Level Histograms.** IEEE Transactions on Systems, Man, and Cybernetics, v. SMC-9, n. 1, p. 62-66, 1979.

Paciornik, S. **Microscopia Quantitativa. MET 2433. Notas de aula.** DCMM/PUC-Rio. Disponível em: <http://www.dcmm.puc-rio.br/cursos/ipdi/>. Acesso em: 20 mar. 2010.

Paciornik, S.; Maurício, M. H. P. **Digital Imaging.** In: Vander-Voort, G. F. (Ed.). ASM Handbook, Volume 9: Metallography and Microstructures. Materials Park (OH, USA): ASM International, 2004. p. 368-402.

Plummer, C. J. G. **Microdeformation and Fracture in semicrystalline polymers.** Structural and Morphological Characterization. 2005.

Pun, T. **Entropic thresholding, a new approach.** Computer Graphics and Image Processing, v. 16. n. 3, p. 210-239, 1981.

Russ, J. C. **Computer-Assisted Microscopy: The Measurement and Analysis of Images.** New York (NY, USA): Plenum Publishing Corporation, 1990.

Russ, J. C. **The image Processing Handbook.** 3. ed. Boca Raton (FL, USA): CRC Press, 1998.

Schildknecht, C. E.; Skeist, I. **High Polymers.** v. XXIX. Polymerization Processes. Copyright© 1977.

Serra, J. **Image Analysis and Mathematical Morphology.** Volume 2. London (UK): Academic Press, 1988.

Tu C. Y.; Wang, Y. C.; Li, C. L.; Lee, K. R.; Huang, J.; Lai, J.Y. **Expanded poly(tetrafluoroethylene) membrane surface modification using acetylene/nitrogen plasma treatment.** European Polymer Journal, 2005; 41: 2343-2353.

von Arx, T.; Broggini, N.; Jensen, S. S.; Bornstein, M. M.; Schenk, R. K. Buser, D. **Membrane durability and tissue response of different bioresorbable barrier membranes: A histologic study in the rabbit calvarium.** Int J Oral Maxillofac Implants, 2005; 20: 843-853.

Wall, L. A. **High Polymers.** v. XXV. Fluoropolymers. Copyright© 1972.

Weeks, A. R., Jr. **Fundamentals of Electronic Image Processing.** Bellingham (WA, USA): SPIE Optical Engineering Press, 1996.

Xu, J. B.; Lange, S.; Bartley, J. P.; Johnson, R. A. **Alginate-coated microporous PTFE membranes for use in the osmotic distillation of orly feeds.** Journal of Membrane Science, 2004; 240: 81-89.

Zellin, G.; Linde, A. **Effects of different osteopromotive membrane porosities on experimental bone neogenesis in rats.** Biomaterials, 1996; 17: 695-702.

Zhang, Y.; Zhang, H.; Zhu, X.; Gang, L. B. C.; Liang, Y. **Fabrication and characterization of a PTFE-reinforced integral composite membrane for self-humidifying PEMFC.** Journal of Power Sources, 2007; 165: 786-792.

Zhao, S.; Pinholt, E. M.; Madsen, J. E.; Donath, K. **Histological evaluation of different biodegradable and non-biodegradable membranes implanted subcutaneously in rats.** Journal of Cranio Maxillofacial Surgery, 2000; 28: 116-122.