

## Scanning Electron Microscopy / 1981/II



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**Mitosis as discerned in the scanning electron microscope.** - NCBI After 48 hours, cells were fixed with 2% glutaraldehyde in PBS(+), and prepared for SEM as described in Materials and Methods. (A) SEM image of NIH3T3 cell **Very Low Energy Scanning Electron Microscopy - Formatex** M. von Ardenne, (1978): The history of scanning electron microscopy and of the Electron probe analysis employing x-ray spectrography, U.S. Patent 2 418 029. C. W. Oatley, (1981): Detectors for scanning electron microscope, J. Phys. **Biochemical, electron microscopic and - BMC Cell Biology** 1981 Feb 1 88(2): 268273. PMID: PMC2111734. Application of scanning electron microscopy to x-ray analysis of frozen- hydrated sections. II. Analysis of **Scanning Electron Microscopy - J-STAGE Journals** Wells O C 1978 Effect of collector position on type-2 magnetic contrast in the scanning electron microscope **Scanning Electron Microscopy** 1978/1 ed O Johari **Biochemical, electron microscopic and - BMC Cell Biology** examined by scanning electron microscopy with overlying tract contents (1981) referred to general methods for the removal of surface contaminants buffer, pH 7.4, for 1-2 h and stored overnight in 0.1 M sodium cacodylate buffer at 277 K. **A preparation method for observing intracellular structures by** First published: June 1981 Full publication history The second is for the study of one selected specimen by LM, SEM and in ultrathin section by transmission **Camscan Series II Scanning Electron Microscope Users Guide** Chern., 46 (II), 2881 ,2883, 1982 . 2. Scanning Electron Microscope Images of Foams Prepared from OVA **Scanning Electron Microsc.**, 473 (1981 II). **Journal of Microscopy**, Val. 123, Pt 2, August 1981, pp. 147-159. Reziisedpaper accepted 23 March 1981. Scanning electron microscopy in biomedical research **Advanced Scanning Electron Microscopy and X-Ray Microanalysis - Google Books Result** Eur J Cell Biol. 1981 Oct25(2):242-7. Mitosis as discerned in the scanning electron microscope. Heneen WK. Endosperm cells of *Haemaphysalis katherinae* Baker **Comparative light microscopy, scanning electron microscopy and** Zentralbl Bakteriol Mikrobiol Hyg B. 1981173(5):293-9. Microbial colonization of prosthetic devices. II. Scanning electron microscopy of

naturally infected **Specimen coating for high resolution scanning electron microscopy** Tanaka, K. (1981) Demonstration of intracellular structures by high resolution scanning electron microscopy. In: Scanning Electron Microscopy/1981/II (Ed. by **Microbial colonization of prosthetic devices. II. Scanning electron** 19812(2):141-50. Effects of millimeter-wave radiation on monolayer cell cultures. II. Scanning and transmission electron microscopy. Stensaas LJ, Partlow LM, **Application of Scanning Electron Microscopy to X-ray Analysis of** The contribution of scanning electron microscopy in haematology: its role in defining August 1981 Full publication history DOI: 10.1111/01293.x View/save citation Cited by (CrossRef): 2 articles Check for updates. **Low temperature scanning electron microscopy of dog and guinea** J Anat. 1981 Mar 132(Pt 2): 267282. PMID: PMC1233372. Low temperature scanning electron microscopy of dog and guinea-pig hyaline articular cartilage. **Cryotechniques in Biological Electron Microscopy - Google Books Result** 125, Pt 2, February 1982, pp. 193-199. Revised paper accepted . Low temperature scanning electron microscopy of fungal material by A. BECKETT **Scanning Electron Microscopy - Journals - NCBI Detectors for the scanning electron microscope - IOPscience** A scanning electron microscope (SEM) is a type of electron microscope that produces images .. photogrammetry (2 or 3 images from tilted specimen) . up to: Goldstein, G. I. Newbury, D. E. Echlin, P. Joy, D. C. Fiori, C. Lifshin, E. (1981). **Scanning electron microscopy - Wiley Online Library** 123, It 2, Ati,:wsr 1981, pp. 177-!H7. Revised paper accepted 9 April 1981 The first scanning electron microscopy (SEM) studies on human blood cells **Transmission and Scanning Electron Microscope Preparation of** Scanning Electron Microscopy journal page at PubMed Journals. and treated with a hypotonic phosphate buffer solution (150 mOsm) for 1-2 minutes. H Sawada. Scan Electron Microsc 4, 7-15. 1981. Striated muscle cells of frog sartorius **Scanning electron microscope - Wikipedia** (2) The distance between the block face and the SEM objective lens has to . 1981]) and found that we could now get satisfactory images for **Low temperature scanning electron microscopy of fungal material** SEM, AMF OHare, IL 60666, pp 257282 Pfaller W (1979) Freeze drying and Scanning Electron Microsc 1981/II:18 \*Tanford C (1980) The hydrophobic **Examination of mucosal surfaces by scanning electron microscopy** Scanning electron microscopy was used to assess the morphological features of coagulase-negative Zentralbl Bakteriol Mikrobiol Hyg B. 1981173(5):285292. II. Scanning electron microscopy of naturally infected intravenous catheters. **Scanning electron microscopy in biomedical research and routine** 1981). Chapter 2 Electron Optics. Chapter 3 Electron - Specimen Interactions. Chapter The workbook Scanning electron microscopy, X-ray microanalysis, and **Effects of millimeter-wave radiation on monolayer cell cultures. II** (Hodges & Hallows 1979, 1980, Johari 1972-1981, Hayat 1974-1978) and in clinical . Figure 2. a Low magnification SEM of a cluster of cells from a pleural **Serial Block-Face Scanning Electron Microscopy to Reconstruct** Specimen coating for high resolution scanning electron microscopy First published: 1981 Full publication history DOI: 10.1002/sca.4950040402View/save citation produces a 2 mm diameter beam of energetic ions (5 keV) and neutrals. **Scanning Electron Microscopy: Physics of Image Formation and - Google Books Result** SEM 1979/II (SEM Inc., AMF OHare, IL 1979) p.649 M.J. Ingram, F.D. Ingram: Electron Microscopy and X-Ray Microanalysis (Plenum, New York 1981) C.E. **The contribution of scanning electron microscopy in haematology: its** After 48 hours, cells were fixed with 2% glutaraldehyde in PBS(+), and prepared for SEM as described in Materials and Methods. (A) SEM image of NIH3T3 cell **PDF(2853K) - Wiley Online Library** Routine preparation for transmission electron microscopy (TEM) preserves only SEM of cultured cells: preparation procedures. Scan. Electr. Microsc. 1981/II **The early history of the scanning electron microscope: Journal of** Keywords electron optics scanning electron microscopy low energy semiconductors, restricts the escape depth to 1 or 2 nm for conductors and, .. [14] C. Guittard, M. Babout, S. Guittard and M. Bujor, Scanning Electron Microscopy 1981/I,