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## The Net Advance of Physics: **MICROSCOPY**

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### ; MICROSCOPY:

- Type: CRYO-ELECTRON:
  - [Cryoelectron Microscopy as a Functional Instrument for Systems Biology, Structural Analysis & Experimental Manipulations with Living Cells](#) by Oleg V. Gradov and Margaret A. Gradova [*Problems of Cryobiology and Cryomedicine* 24, 193 (2014)]
- Type: OPTICAL:
  - [Light Microscopy: An ongoing contemporary revolution](#) by Siegfried Weisenburger and Vahid Sandoghdar [2014/12]
  - [Reinventing Pocket Microscopy](#) by T. Kamal et al. [*Proceedings of the Royal Microscopical Society* 37, 41 (2015)]
- Type: PROBE:
  - [Pauli's Principle in Probe Microscopy](#) by Samuel Jarvis et al. [2014/08]
  - [Advanced scanning probe lithography](#) by Ricardo Garcia et al. [*Nature Nanotechnology* 9, 577 (2014)]
- Type: SCANNING TUNNELING:
  - [Theory of Scanning Tunneling Microscopy](#) by Samir Lounis [2014/04]

ArXiv to

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