

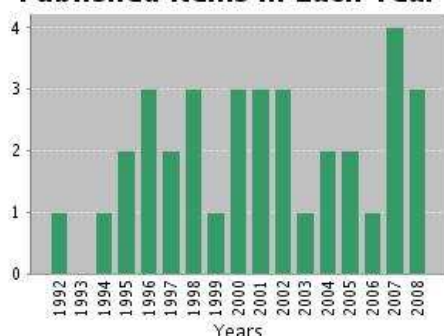


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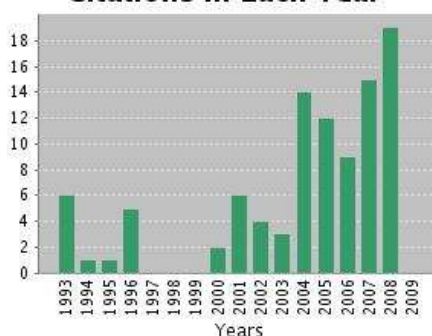
**RESEARCH RECORD: Linda C. Prinsloo**

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### PUBLICATIONS IN REFEREED JOURNALS (33)

- 2008:** Linda C Prinsloo, Werner Barnard, Ian Meiklejohn and Kevin Hall. The first Raman spectroscopic study of San rock art in the Ukhahlamba Drakensberg Park, South Africa. *Journal of Raman Spectroscopy*, 39 (5): 646-654.
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- 2008:** Brink DJ, van der Berg NG and Prinsloo LC, The role of interface effects on the reflection of circularly polarised light from the thin-film structure of scarabus beetles, *Surface and Interface Analysis*, 40, 769-771.
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- 2005:** H.W. Kunert, T. Maurice, J. Barnas, J. Malherbe, D.J. Brink, L. Prinsloo, Raman and photoluminescence study from n- and p-type 6H-SiC alpha-particle irradiated. *Vacuum*, 78, 503-508.
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## ORAL CONTRIBUTIONS

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- 2007:** Linda C Prinsloo\*, Werner Barnard, Ian Meiklejohn and Kevin Hall The first Raman spectroscopic study of San rock art in the uKhahlamba Drakensberg Park, South Africa. *4th International Conference on the Application of Raman Spectroscopy in Art and Archaeology*, Modena, 3 – 7 Sept. 2007.
- 2003:** Maggi Loubser\*, Johan PR de Villiers, Sabine Verryyn, Linda Prinsloo and Danita de Waal. Characterisation of XRF Fluxes using X-ray Diffraction and Raman Spectroscopy *CSI XXXIII*, 7-12 September 2003, Granada Spain.
- 2002:** L. C. Prinsloo\*, A. Bumby, I. Meiklejohn and A. Meyer, A holistic Raman spectroscopic investigation of an archaeological site in Africa, *XVII<sup>th</sup> International Conference on Raman Spectroscopy*, Budapest, Hungary, 20-25 August 2002.

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- 1997:** L. C Prinsloo\*, Practical applications of Raman spectroscopy, **4<sup>th</sup> International Symposium on Applied Bioinorganic Chemistry including The Carman National Physical Chemistry Conference**, Cape Town, South Africa.

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- 2003:** W. du Plooy\*, L. Prinsloo, C. van der Merwe and L. Korsten, Spatial identification (using SEM) and characterisation (using Raman & FTIR) of mango epicuticular wax. **43<sup>rd</sup> Annual Conference of the Microscopy Society of Southern Africa**, Cape Town, South Africa, 3-5 Desember 2003.
- 2001:** L. C. Prinsloo\*, Surface Raman Spectroscopy, **Mini-Symposium on analytical methods presented by the UP/CSIR Capital Equipment Coordination group**, 27<sup>th</sup> February 2001, Pretoria (UP).
- 1997:** L. C. Prinsloo\* and P. J. van der Vyver, Spectroscopic evidence of resin-reinforced dentine by a Raman microprobe technique, **First Joint Congress of the South African Division and the East and Southern Africa Section (IADR XXXI)**, Cape Town, South Africa.
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**I was the winner of the Hugo Retief award for best presentation.**

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- 2007:** Linda C Prinsloo, Philippe Colombari and Aurelie Tournie, The unique "Garden Roller" beads excavated in the Limpopo valley, South Africa. **4<sup>th</sup> International Conference on the Application of Raman Spectroscopy in Art and Archaeology**, Modena, 3 – 7 Sept. 2007.

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- 2000:** H. W. Kunert, T. Maurice, D. J. Brink, L. C. Prinsloo, T. Hauser, J. B. Malherbe, J. Camassel, Effect of hydrogen implantation and annealing on the Vibrational properties of 6H-Si, *3<sup>rd</sup> European Conference on SiC and Related Materials (ECSCRM 2000)*, 03-09 September 2000, Erlangen, Germany.
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- 2000:** H. W. Kunert , T. P. Maurice and L. C. Prinsloo, Raman spectra from as-grown and alpha particle irradiated n-GaAs:Si, **45<sup>th</sup> Annual Conference. Including: 35<sup>th</sup> Annual Theoretical Seminar Solid State Physics and Materials Science Specialist Group Winter School**, Johannesburg, South Africa, 4-7 July 2000.
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- 2000:** I. I. Eyenga, W. W. Focke, L. C. Prinsloo and A. T. Tolmay, Photodegradation: A solution for the shopping bag pollution problem? **Plastex 2000**, Expo Centre NASREC, South Africa, 24-27 May 2000.
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- 1999:** M. E. Lee and L. C. Prinsloo, Laser irradiation damage of Cadmium Telluride, South African Institute of Physics. **44<sup>th</sup> Annual Conference. Including: 34<sup>th</sup> Annual Theoretical Seminar Solid State Physics and Materials Science Specialist Group Winter School**, Port Elizabeth, South Africa, 6-9 July 1999.
- 1999:** M. E. Lee and L. C. Prinsloo, Laser threshold intensity for non-destructive Raman analysis of (001) CdTe, South African Institute of Physics. **44<sup>th</sup> Annual Conference. Including: 34<sup>th</sup> Annual Theoretical Seminar Solid State Physics and Materials Science Specialist Group Winter School**, Port Elizabeth, South Africa, 6-9 July 1999.
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- 1999:** H. W. Kunert, J. B. Malherbe, D. J. Brink, L. C. Prinsloo, R Q Odendaal, J. Camasel, J. Allegre, K. Zeaiter and C. Llinares, Optical properties of as-grown and N<sub>2</sub><sup>+</sup>, Ar<sup>+</sup> and alpha particle implanted GaAs superlattices., South African Institute of Physics. **44<sup>th</sup> Annual Conference. Including: 34<sup>th</sup> Annual Theoretical Seminar Solid State Physics and Materials Science Specialist Group Winter School**, Port Elizabeth, South Africa, 6-9 July 1999.
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- 1996:** L. C. Prinsloo and A. M. Heyns, An infrared study of the I-II phase transition in  $\text{KSbF}_6$ , **33<sup>d</sup> Convention of the South African Chemical Institute**, Cape Town, South Africa.
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