

ARTICOLI Su PROCEEDING

1. Romeo N, Canevari V, Sberveglieri G, Bosio A, Zanotti L (1985). Large grain (112) oriented CuInSe₂ thin films grown by R.F. sputtering. In: -. Proc. of the 18th IEEE Photovoltaic Specialists Conference. Las Vegas (NV), October 21-25, p. 1388-1392, New York:Institute of Electrical and Electronics Engineers, Inc.
2. Romeo N, Bosio A, Canevari V (1986). CuInSe₂/CdS thin film solar cells by r.f. sputtering. In: -. Proc. of the Seventh E.C. Photovoltaic Solar Energy Conference. Sevilla, Spain, 27-31 October 1986, p. 656-661, DORDRECHT:D. Reidel Publishing Co., ISBN: 9027724490
3. Romeo N, Bosio A, Canevari V, Zanotti L (1988). Thin Film CuInSe₂/CdS Solar Cells by R.F. Sputtering. In: -. Euroforum New Energies: Proceedings of an International Congress Held at Saarbrücken. Saarbrücken, F.R. Germany, Oct. 24-28, 1988, vol. 3, p. 208-209, Bedford:H. S. Stephens & Associates, ISBN: 0951027166
4. Romeo N, Bosio A, Canevari V, Zanotti L (1988). R.F. Sputtered CuInSe₂ Thin Films for Photovoltaic Applications. In: -. Proc. of 8th EC Photovoltaic Solar Energy Conference. Florence, Italy, 9-13 May 1988, vol. II, p. 1092-1096, Dordrecht:Kluwer Academic Publishers, ISBN: 902772816X
5. Romeo N, Bosio A, Canevari V, Zanotti L (1990). CuInSe₂/CdS Thin Film Solar Cells by Sputtering and Rapid Thermal Annealing in a Selenium Atmosphere. In: -. Ternary and Multinary Compounds. Kishinev, September 11-14, 1990, vol. II, p. 58-63, Kishinev:Institute of Applied Physics "Shtiinsti" Press
6. Romeo N, Bosio A, Mussini P (1991). CuInSe₂/CdS Thin Film Solar Cells by Selenization and Sputtering. In: -. Proc. of the tenth European Photovoltaic Solar Energy Conference. Lisbon, Portugal, 8-12 April, 1991, vol. I, p. 891-892, Dordrecht:Kluwer Academic Publishers, ISBN: 0792313895
7. Romeo N, Bosio A, Canevari V (1992). A new method to prepare efficient CdTe/CdS thin film backwall solar cells. In: -. Proc. of 11th EC Photovoltaic Solar Energy Conference. Montreux, Switzerland, 12-16 October, 1992, vol. II, p. 972-974, Chur:Harwood Academic Press GmbH, ISBN: 371865380X
8. Romeo N, Bosio A, Canevari V (1993). The CdTe thin film solar cell. In: -. Proc. of Photovoltaic Cells & Devices R&D Contractor Meeting. Portici (Na) Italy, 25-26 March 1993, vol. II, p. 1178-1179, Bruxelles:Office for Official Publications of the European Communities
9. Romeo N, Bosio A, Canevari V, Tedeschi R (1994). Oscillating Temperature Selenization of Cu, Ga, In Elemental Layers in a Se Vapour. In: -. Conference Record of the Twenty Fourth.

IEEE Photovoltaic Specialists Conference. Waikoloa, HI, 5-9 December, 1994, vol. I, p. 176-178, Nw York:IEEE-Institute of Electrical and Electronic Engineers, ISBN: 0780314603

10. Romeo N, Bosio A, Tedeschi R, Canevari V (1994). CuGaInSe₂ Thin Film Grown by a New Method: Oscillating Temperature Selenization of Metallic Elemental Layers in a Se Vapour. In: -. Proc. Congresso Nazionale di Fisica della Materia-Book of abstract. Brescia, Italy, 13-16 Giugno, 1994
11. N. Romeo, A. Bosio, V. Canevari (1994). CuGaInSe₂ Thin Film Grown by Selenization of Metallic Elemental Layers in a Se Vapour. In: -. Proc. of the Twelfth European Photovoltaic Solar Energy International Conference:. Amsterdam, The Netherlands, 11-15 April 1994, vol. II, p. 608-609, Bedford:H.S Stephens & Associates, ISBN: 0952145227
12. Romeo N, Bosio A, Canevari V, Kuku T A (1994). Crystallization of CdTe Thin Films by CdCl₂ Treatment at High Temperature. In: -. Proc. of the Twelfth European Photovoltaic Solar Energy International Conference. Amsterdam, The Netherlands., 11-15 April, 1994, vol. 1, p. 662-663, Bedford.:H.S Stephens & Associates, ISBN: 0952145227
13. Romeo N, Bosio A, Tedeschi R, Canevari V (1995). High Efficiency Solar Cells Based on CuGaInSe₂ Thin Films Grown by Oscillating Temperature Selenization in a Se Vapour. In: -. Proc. of the 13th European Photovoltaic Solar Energy Conference. Nice- France, 23-27 October, 1995, vol. II, p. 2011-2012, BEDFORD:H.S. Stephens & Associates, ISBN: 095214526X
14. Romeo N, Bosio A, Tedeschi R, Romeo A, Canevari V, Leone D (1997). Cadmium and Zinc Chloride Treatments of CdS Films for the Preparation of High Efficiency CdTe/CdS Thin Film Solar Cells. In: -. Proc. of the 14th European Photovoltaic Solar Energy Conference. Barcelona, Spain, 30 June-4July, 1997, vol. II, p. 2351-2353, Bedford:Published on behalf of WIP, Munich by H.S. Stephens & Associates , ISBN: 1901675025
15. Romeo N, Bosio A, Tedeschi R, Romeo A, Canevari V, Fermi F (1997). A Three Stage Selenization Process for the Preparation of High Efficiency CuGaInSe₂/CdS Thin Film Solar Cells. In: -. Proc. of the 14th European Photovoltaic Solar Energy Conference. Barcelona, Spain, 30 June-4July, 1997, vol. II, p. 1224-1225, Bedford:Published on behalf of WIP, Munich by H.S. Stephens & Associates , ISBN: 1901675025
16. Romeo N, Bosio A, Tedeschi R, Canevari V (1998). High Efficiency and Stable CdTe/CdS Thin Film Solar Cells on Soda Lime Glass. In: -. Fundamentals, Novel Devices and New Materials, Thin Film Cells and Technologies. Vienna, Austria, 6-10 July 1998 , vol. II, p. 446-447, Luxembourg:Office for Official Publications of the European Communities, ISBN: 9282851796
17. Romeo N, Tedeschi R, Pasquali S, Ferrari L, Bosio A, Canevari V, Alfieri R (2000). Monte Carlo computer simulation of Cd and Te diffusion during the growth of CdTe thin films by

close-spaced sublimation. In: Proc. of the 16th European Photovoltaic Solar Energy Conference. Glasgow, UK,, May 1-5, 2000, vol. I, p. 812-815, LONDON:James & James (Science Publisher) Ltd., ISBN: 1-902916-18-2

18. Romeo N, Bosio A, Canevari V, Tedeschi R (2001). The role of transparent conducting oxide and glass substrate in the performance of CdTe/CdS thin film solar cells. In: Proc. of the 17th European Photovoltaic Solar Energy Conference. Munich, 22-26 October 2001, vol. II, p. 1051-1053, LONDON:James & James (Science Publisher) Ltd., ISBN: 3-936338-08-6
19. Romeo N, Bosio A, Canevari V, Tedeschi R (2001). A multistage selenization process suitable to grow stoichiometrically uniform CuInXGa_{1-X}Se₂ thin films. In: Proc. of the 17th European Photovoltaic Solar Energy Conference. Munich, 22-26 October 2001, vol. II, p. 1105-1106, LONDON:James & James (Science Publisher) Ltd., ISBN: 3-936338-08-6
20. Romeo N, Bosio A, Romeo A, Bianucci M, Bonci L, Lenti C (2002). High Efficiency CdTe/CdS Thin Film solar Cells by a Process Suitable for Large Scale Production . In: -. Proc. of the "PV in Europe from PV Technology to Energy Solutions" Conference and Exhibition. Rome, Italy, 7-11 October 2002, Florence:ETA - Renewable Energies, ISBN: 3936338124
21. Romeo N, Bosio A, Canevari V (2003). The role of CdS preparation method in the performance of CdTe/CdS thin film solar cell. In: Proc. of the 3rd World Conference on Photovoltaic Energy Conversion. 11-18 May 2003 Osaka, Japan,, vol. A-C, p. 469-470, Kurokawa, K; Kazmerski, LL; McNelis, B; Yamaguchi, M; Wronski, C; Sinke, WC, ISBN: 4-9901816-0-3
22. Romeo N, Bosio A, Canevari V (2004). The CdTe/CdS thin film solar cell. The contribution of Parma University. In: -. Progress in Condensed Matter Physics, "Festschrift in honour of Vincenzo Grasso". Messina, Italia, 9 Gennaio, 2004, vol. 84, p. 555-563, Bologna:SOCIETÀ ITALIANA DI FISICA, ISBN: 8874380100
23. Romeo N, Bosio A, Canevari V, Podesta' A, Mazzamuto S, Guadalupi G M (2004). High efficiency CdTe/CdS thin film solar cells with Sb₂Te₃ back contact by a thoroughly dry process. In: Proc. of the 19th European Photovoltaic Solar Energy Conference. Paris (France), 2004, p. 1718-1720, LONDON:James & James (Science Publisher) Ltd., ISBN: 3-936338-15-9
24. Romeo N, Bosio A, Canevari V, Tedeschi R, Sivelli S, Romeo A, Kurdesau F V (2004). Development of a novel precursor for the preparation by selenization of high efficiency CuInGaSe₂/CdS thin film solar cells. In: Proc. of the 19th European Photovoltaic Solar Energy Conference. Paris, France., 7-11 June 2004, p. 1796-1798, LONDON:James & James (Science Publisher) Ltd., ISBN: 3-936338-15-9

25. Romeo N, Bosio A, Mazzamuto S, Podesta' A, Canevari V (2005). The role of single layers in the performance of CdTe/CdS thin film solar cells. In: Proc. of the 20th European Photovoltaic Solar Energy Conference. Barcellona, Spain, 6-10 June, p. 1748-1750, LONDON:James & James (Science Publisher) Ltd., ISBN: 3-936338-19-1
26. Emziane M, Durose K, Halliday D P, Romeo N, Bosio A (2005). Quantitative SIMS depth profiling of CdTe/CdS/TCO solar cell structure in the back and front side configurations. In: Proc. of the 20th European Photovoltaic Solar Energy Conference. Barcelona, Spain, 6-10 June, p. 1902-1905, LONDON:James & James (Science Publisher) Ltd., ISBN: 3-936338-19-1
27. Emziane M, Durose K, Halliday D P, Bosio A, Romeo N (2006). On the origin of impurities in the window layers of CdTe/CdS solar cells. In: -. Functional Properties of Nanostructured Materials. Sozopol, Bulgaria, 3-15 June, 2005, vol. 223, p. 257-260, Dordrecht:Springer, ISBN: 9781402045936
28. Romeo N, Bosio A, Romeo A, Mazzamuto S (2006). Industrial Upscaling of CdTe/CdS Thin Film Solar Cells. In: Proc. of the 21th European Photovoltaic Solar Energy Conference. Dresden (Germany), 4-8 Sept., p. 1806-1809, LONDON:James & James (Science Publisher) Ltd., ISBN: 3-936338-20-5
29. Romeo N, Bosio A, Romeo A, Mazzamuto S (2006). High Efficiency CdTe/CdS Thin Film Solar Cells Prepared by Treating CdTe Films with a Freon Gas in Substitution of CdCl₂. In: Proc. of the 21th European Photovoltaic Solar Energy Conference. Dresden (Germany), 4-8 Sept., p. 1857-1860, LONDON:James & James (Science Publisher) Ltd., ISBN: 3-936338-20-5
30. Halliday D P, Emziane M, Durose K, Bosio A, Romeo N (2006). Effects of impurities in CdTe/CdS structures: towards enhanced device efficiencies. In: Proc. of the Conference Record of the 2006 IEEE 4th World Conference on Photovoltaic Energy Conversion. Hawaii, 7-12 May, vol. 1-2, p. 408-411, NEW YORK:IEEE, 345 E 47TH ST, NEW YORK, NY 10017 USA, ISBN: 1-4244-0016-3
31. Romeo N, Bosio A, Mazzamuto S, Romeo A, Vaillant-Roca L (2007). High Efficiency CdTe/CdS Thin Film Solar Cells with a Novel Back-Contact. In: Proc. of 22nd European Photovoltaic Solar Energy Conference. Milano, Italy, 3-7 September 2007, p. 1919-1921, WIP-Renewable Energies, ISBN: 3-936338-22-1
32. Romeo A, Khrypunov G, Galassini S, Zogg H, Tiwari A.N, Romeo N, Bosio A, Mazzamuto S. (2007). Comparison of CSS-CdTe and PVD-CdTe with different activation process.. In: Proc. of 22nd European Photovoltaic Solar Energy Conference. Milano, Italy, 3-7 September 2007, p. 2367-2372, LONDON:James & James (Science Publisher) Ltd., ISBN: 3-936338-22-1

33. Emziane M, Halliday D P, Durose K, Bosio A, Romeo N (2008). Ion implantation of the window and front contact layers and its effect on polycrystalline photovoltaic devices. In: IEEE Photovoltaic Specialists Conference . San Diego, CA, USA, 11-16 May 2008, vol. 1-4, p. 2124-2128, ISBN: 978-1-4244-1640-0, doi: 10.1109/PVSC.2008.4922500
34. Colombo E, Bosio A, Calusi S, Giuntini L, Lo Giudice A, Manfredotti C, Massi M, Olivero P, Romeo A, Romeo N, Vittone E (2009). IBIC analysis of CdTe/CdS solar cells. NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH. SECTION B, BEAM INTERACTIONS WITH MATERIALS AND ATOMS, In: 11th International Conference on Nuclear Microprobe Technology and Applications/3rd International Workshop on Proton Beam Writing . vol. 267, p. 2181-2184, ISSN: 0168-583X, doi: 10.1016/j.nimb.2009.03.058
35. Romeo N, Bosio A, Romeo A, Menossi D, Mazzamuto S, Piccinelli F, Bettinelli M (2009). CuInGaSe₂/CdS Thin Film Solar Cells Made by new Precursors Prepared by Sputtering. In: Proc of 24th European Photovoltaic Solar Energy Conference and Exhibition. Amburgo-Germania, 21-25 Settembre 2009, p. 2930-2932, München:WIP Wirtschaft und Infrastruktur GmbH & Co Planungs KG Sylvensteinstr. 2 81369 München Germany, ISBN: 3-936338-25-6, doi: 10.4229/24thEUPVSEC2009-3BV.5.20
36. Romeo N, Bosio A, Mazzamuto S, Menossi D, Romeo A (2010). CIGS thin films prepared by sputtering and selenization by using In₂Se₃, Ga₂Se₃ and Cu as sputtering targets. In: Conference Record of the 35th IEEE Photovoltaic Specialists Conference 2010. Honolulu, Hawaii, 20 - 25 June 2010, vol. 5617109, p. 786-788, New York:IEEE-Institute of Electrical and Electronic Engineers, ISBN: 978-1-4244-5890-5, doi: 10.1109/PVSC.2010.5617109
37. Romeo N, Bosio A, Romeo A, Mazzamuto S (2010). A CdTe thin film module factory with a novel process. In: Materials Research Society Symposium Proceedings. San Francisco, CA, USA, April 13-17 2009, vol. 1165, p. 263-273, ISBN: 978-160511138-4, doi: 10.1557/PROC-1165-M07-02
38. Selleri S, Cucinotta A, Poli F, Coscelli E, Passaro D, Leick L, Hernandez Y, Bermudez V, Zibik E, Lichtenstein N, Lotter E, Bosio A, Polverini D (2011). Recent status and prospects of the EU-funded ALPINE project . In: Proceedings of SPIE - The International Society for Optical Engineering . San Francisco, California, USA , 25 - 27 January 2011, vol. 7921, p. 79210S-1-79210S-9, San Francisco, California, USA :Society of Photo-Optical Instrumentation Engineers (SPIE), ISBN: 9780819484581, doi: 0.1117/12.873734
39. Salavei A, Rimmaudo I, Piccinelli F, Allodi V, Romeo A, Bosio A, Romeo N, Mazzamuto S, Menossi D (2011). Low substrate temperature deposited cdte solar cells with an alternative recrystallization process. In: 26th European Photovoltaic Solar Energy Conference and Exhibition. CCH Congress Centre and International Fair Hamburg, Germany, 5-9 Settembre 2011, p. 3030-3034, LONDON:James & James (Science Publisher) Ltd., ISBN: 3-936338-27-2, doi: 10.4229/26thEUPVSEC2011-3DV.2.46

40. Romeo N, Bosio A, Mazzamuto S, Menossi D, Peña J L, Salavei A, Rimmaudo I, Allodi V, Romeo A (2011). Investigation of a Suitable Back Contact for CdTe/CdS Solar Cells Prepared in the Substrate Configuration. In: 26th European Photovoltaic Solar Energy Conference and Exhibition. CCH Congress Centre and International Fair Hamburg, Germany, 5-9 Settembre 2011, p. 2460-2462, LONDON:James & James (Science Publisher) Ltd., ISBN: 3-936338-27-2, doi: 10.4229/26thEUPVSEC2011-3DO.9.4
41. Rimmaudo I, Salavei A, Allodi V, Romeo A, Zabierowski P, Drobiazg T, Bosio A, Romeo N, Mazzamuto S, Menossi D (2011). Electrical characterization of CdTe solar cells made by a low temperature fabrication process. In: 26th European Photovoltaic Solar Energy Conference and Exhibition. CCH Congress Centre and International Fair Hamburg, Germany, 5-9 Settembre 2011, p. 3040-3044, LONDON:James & James (Science Publisher) Ltd., ISBN: 3-936338-27-2, doi: 10.4229/26thEUPVSEC2011-3DV.2.48
42. S. Selleri, A. Bosio, A. Cucinotta, M. Sozzi, D. Menossi, Y. Hernandez, A. Bertrand, C. Duterte (2012). Optimization of pulsed fiber laser scribing for CdTe and CIGS solar cells. In: -. ICTON 2012. Coventry, United Kingdom, July 2-5, 2012, IEEE, ISBN: 9781467322270