

Web of ScienceSM[<< Back to previous page](#)

Cited References

Title: **The Optimization of the Thermal Response on the ZnO Flexible Pyroelectric Film Temperature Sensor**

Author(s): **Lin David T. W. ; Hu Yu Chung ; Cheng Chin-Hsiang**

Source: **IEEE SENSORS JOURNAL** Volume: **12** Issue: **2** Pages: **397-403** DOI: **10.1109/JSEN.2011.2161666**

Published: **FEB 2012**

 [Citation Map](#)

References: **19**
 Page of 1 [Go](#)
 Find Related Records

 Clear All Pages

To find Related Records: Clear the checkbox of an item if you do not want to retrieve articles that cited the item. Then click "Find Related Records."

1. Title: [Preparation and characterization of transparent ZnO thin films obtained by spray pyrolysis](#)
 Author(s): Ayouchi R; Leinen D; Martin F; et al.
 Source: THIN SOLID FILMS Volume: **426** Issue: **1-2** Pages: **68-77** DOI: **10.1016/S0040-6090(02)01331-7** Published: **FEB 24 2003**
 Times Cited: **58** (from Web of Science)
2. Title: [A simplified conjugate-gradient method for shape identification based on thermal data](#)
 Author(s): Cheng CH; Chang MH
 Source: NUMERICAL HEAT TRANSFER PART B-FUNDAMENTALS Volume: **43** Issue: **5** Pages: **489-507** DOI: **10.1080/10407790390122104** Published: **MAY 2003**
 Times Cited: **29** (from Web of Science)
3. Title: [Optimal design of gating systems by gradient search methods](#)
 Author(s): Esparza CE; Guerrero-Mata MP; Rios-Mercado RZ
 Source: COMPUTATIONAL MATERIALS SCIENCE Volume: **36** Issue: **4** Pages: **457-467** DOI: **10.1016/j.commatsci.2005.05.009** Published: **JUL 2006**
 Times Cited: **7** (from Web of Science)
4. Title: [Fabrication of a ZnO pyroelectric sensor](#)
 Author(s): Hsiao Chun-Ching; Huang Kuo-Yi; Hu Yuh-Chung
 Source: SENSORS Volume: **8** Issue: **1** Pages: **185-192** DOI: **10.3390/s8010185** Published: **JAN 2008**
 Times Cited: **4** (from Web of Science)
5. Title: [Optimization of Thermal Management by Integration of an SCGM, a Finite-Element Method, and an Experiment on a High-Power LED Array](#)
 Author(s): Hsieh Jui-Ching; Lin David T. W.; Cheng Chin-Hsiang
 Source: IEEE TRANSACTIONS ON ELECTRON DEVICES Volume: **58** Issue: **4** Pages: **1141-1148** DOI: **10.1109/TED.2011.2106215** Published: **APR 2011**
 Times Cited: **1** (from Web of Science)
6. Title: [A three-dimensional inverse heat conduction problem in estimating surface heat flux by conjugate gradient method](#)
 Author(s): Huang CH; Wang SP
 Source: INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER Volume: **42** Issue: **18** Pages: **3387-3403** DOI: **10.1016/S0017-9310(99)00020-4** Published: **SEP 1999**
 Times Cited: **87** (from Web of Science)

7. Title: [Influence of the silicon substrate thickness on the response of thin film pyroelectric detectors](#)
Author(s): Ko JS; Liu WG; Zhu WG; et al.
Source: SOLID-STATE ELECTRONICS Volume: **46** Issue: **8** Pages: **1155-1161** Article Number: **PII S0038-1101(02)00017-5**
DOI: **10.1016/S0038-1101(02)00017-5** Published: **AUG 2002**
Times Cited: **3** (from Web of Science)
8. Title: [Pyroelectric thin-film sensor array](#)
Author(s): Kohli M; Wuethrich C; Brooks K; et al.
Source: SENSORS AND ACTUATORS A-PHYSICAL Volume: **60** Issue: **1-3** Pages: **147-153** DOI:
10.1016/S0924-4247(97)01484-2 Published: **MAY 1997**
Times Cited: **89** (from Web of Science)
9. Title: [Computer simulation of temperature field of multilayer pyroelectric thin film IR detector](#)
Author(s): Li L; Zhang LY; Yao X; et al.
Source: CERAMICS INTERNATIONAL Volume: **30** Issue: **7** Special Issue: **SI** Pages: **1847-1850** DOI:
10.1016/j.ceramint.2003.12.057 Published: **2004**
Times Cited: **9** (from Web of Science)
10. Title: [Comparative study of \(Ba,Sr\)TiO₃ films prepared by electron cyclotron resonance plasma sputtering and metal-organic decomposition](#)
Author(s): Matsumoto T; Niino A; Numata K; et al.
Source: THIN SOLID FILMS Volume: **476** Issue: **1** Pages: **73-78** DOI: **10.1016/j.tsf.2004.09.017** Published: **APR 1 2005**
Times Cited: **5** (from Web of Science)
11. Title: [Enhanced photocatalytic activity of highly porous ZnO thin films prepared by sol-gel process](#)
Author(s): Pal B; Sharon M
Source: MATERIALS CHEMISTRY AND PHYSICS Volume: **76** Issue: **1** Pages: **82-87** Article Number: **PII S0254-0584(01)00514-4** DOI: **10.1016/S0254-0584(01)00514-4** Published: **JUL 28 2002**
Times Cited: **98** (from Web of Science)
12. Title: [Properties of ZnO/Cu/ZnO multilayer films deposited by simultaneous RF and DC magnetron sputtering at different substrate temperatures](#)
Author(s): Sahu D. R.; Huang Jow-Lay
Source: MICROELECTRONICS JOURNAL Volume: **38** Issue: **3** Pages: **299-303** DOI: **10.1016/j.mejo.2007.01.012**
Published: **MAR 2007**
Times Cited: **10** (from Web of Science)
13. Title: [Shape optimization of 2D structures using simulated annealing](#)
Author(s): Sonmez Fazil O.
Source: COMPUTER METHODS IN APPLIED MECHANICS AND ENGINEERING Volume: **196** Issue: **35-36** Pages:
3279-3299 DOI: **10.1016/j.cma.2007.01.019** Published: **2007**
Times Cited: **11** (from Web of Science)
14. Title: [Blueshift of optical band gap in ZnO thin films grown by metal-organic chemical-vapor deposition](#)
Author(s): Tan ST; Chen BJ; Sun XW; et al.
Source: JOURNAL OF APPLIED PHYSICS Volume: **98** Issue: **1** Article Number: **013505** DOI: **10.1063/1.1940137**
Published: **JUL 1 2005**
Times Cited: **163** (from Web of Science)
15. Title: [Simulations of a prototypical device using pyroelectric materials for harvesting waste heat](#)
Author(s): Vanderpool Damien; Yoon Jeong Hwan; Pilon Laurent
Source: INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER Volume: **51** Issue: **21-22** Pages: **5052-5062** DOI:
10.1016/j.ijheatmasstransfer.2008.04.008 Published: **OCT 2008**
Times Cited: **11** (from Web of Science)
16. Title: [A Flexible Proximity Sensor Fully Fabricated by Inkjet Printing](#)
Author(s): Wang Chin-Tsan; Huang Kuo-Yi; Lin David T. W.; et al.
Source: SENSORS Volume: **10** Issue: **5** Pages: **5054-5062** DOI: **10.3390/s100505054** Published: **MAY 2010**
Times Cited: **5** (from Web of Science)

[Full Text](#)

17. Title: [Partial-electroded ZnO pyroelectric sensors for responsivity improvement](#)
- Author(s): Wei CS; Lin YY; Hu YC; et al.
Source: SENSORS AND ACTUATORS A-PHYSICAL Volume: **128** Issue: **1** Pages: **18-24** DOI: **10.1016/j.sna.2005.12.044**
Published: **MAR 31 2006**
Times Cited: **15** (from Web of Science)
18. Title: [PYROELECTRIC DEVICES AND MATERIALS](#)
- Author(s): WHATMORE RW
Source: REPORTS ON PROGRESS IN PHYSICS Volume: **49** Issue: **12** Pages: **1335-1386** DOI: **10.1088/0034-4885/49/12/002** Published: **DEC 1986**
Times Cited: **322** (from Web of Science)
19. Title: [not available]
- Author(s): XU P
Source: INT J HYDROGEN ENERG Volume: **30** Pages: **1** Published: **2009**
Times Cited: **2** (from Web of Science)

References: **19**

◀◀ Page of 1 ▶▶

View in: | [简体中文](#) | [English](#) | [日本語](#)

© 2011 Thomson Reuters | [Acceptable Use Policy](#) | *Please give us your [feedback](#) on using Web of Knowledge.*