The Electrochemical Society

Physics and Chemistry of Luminescent Materials XIV

at the 208th ECS Meeting

ECS Transactions Volume 1 No.34

October 16-21, 2005 Los Angeles, California, USA

Printed from e-media with permission by:

Curran Associates, Inc. 57 Morehouse Lane Red Hook, NY 12571 www.proceedings.com

ISBN: 1-56677-489-6

Some format issues inherent in the e-media version may also appear in this print version.

Copyright 2006 by The Electrochemical Society, Inc. All rights reserved.

This book has been registered with Copyright Clearance Center, Inc. For further information, please contact the Copyright Clearance Center, Salem, Massachusetts.

Published by:

The Electrochemical Society, Inc. 65 South Main Street Pennington, New Jersey 08534-2839, USA

> Telephone 609.737.1902 Fax 609.737.2743 e-mail: ecs@electrochem.org Web: www.electrochem.org

> > ISBN 1-56677-489-6

Printed in the United States of America

ECS Transactions, Volume 1, Issue 34 Physics and Chemistry of Luminescent Materials XIV

Table of Contents

Photoluminescence Behavior of Ti-Doped Zn ₂ SiO ₄ Thin Film Phosphors <i>C. Lin, Y. Lai, and J. Chen</i>	1
Luminescent Properties of ZnS:Eu ²⁺ Nanocrystals G. Sharma, S. Han, S. Khatkar, V. Taxak, and Y. Rhee	7
CdS:Mn Thin Film Synthesis Using Pulse Electrodeposition Technique K. Jain, N. Karar, H. Chandra, and R. Rashmi	13
Author Index	19