

Journal of the Japan Society of Colour Material

(SHIKIZAI KYOKAISHI)

Vol. 88, No. 3, MAR., 2015

Contents

Special Edition Current Topics for Titanium Dioxide

Introduction

..... Koji TAKAHASHI ... 61

Review ;

Titanium Dioxide Nanocrystals for Energy-Saving Technologies – Photoconductivity of Mesoscopic Titanium Dioxide Electrodes and Molecular-Structured Solar Cells –

..... Kazuhiro MANSEKI and Shozo YANAGIDA ... 62

Particle Shape of Titanium Dioxide and Application for Functional Materials

..... Kaoru ISOBE ... 67

Digest ;

Dispersion of Titanium Dioxide Nanoparticles in Water by Plasma on Liquid Surface

..... Koichi YAMAGUCHI, Michiko ITO, Seigo TAKASHIMA, Masato OKA and Hiroyuki ASANO ... 73

Serial Lecture ;

Adhesion for Civil Engineering Works

..... Hiroshi SUGITA ... 78

Maintenance Management of Steel Structures Using the Paint Film Investigation System

..... Yoshiyuki IWASE ... 85

Notice about photocopying

In order to photocopy any work from this publication, you or your organization must obtain permission from the following organization which has been delegated for copyright for clearance by the copyright owner of this publication.

Except in the USA

Japan Academic Association for Copyright Clearance (JAACC)

6-41 Akasaka 9-chome, Minato-ku, Tokyo 107-0052, Japan

TEL 81-3-3475-5618 FAX 81-3-3475-5619 E-mail : info@jaacc.jp

In the USA

Copyright Clearane Center, Inc.

222 Rosewood Drive, Danvers, MA 01923 USA Phone : (978) 750-8400 FAX : (978) 750-4744