



作者個人檔案作者個人檔案

功能表



Chun-Chin Tsai

這是以演算法產生的作者記錄。 ⓘ

Southern Taiwan University of Science & Technology - Taiwan

識別碼

 Web of Science ResearcherID: EBQ-3754-2022

作者發表別名 ⓘ

Tsai, Chun-Chin

機構 ⓘ

Southern Taiwan University of Science
& Technology
Far East Univ
ROC Naval Acad
National Sun Yat Sen University


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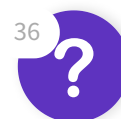
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條件 篩選條件

排序依據
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46 個結果

1

Article

The Effectiveness of a Mindfulness-Based Healthy Lifestyle Program for Older Adults With Type 2 Diabetes

Tsai, CC; Yu, H and Chen, MF

Nov 2025 (早期取閱)

JOURNAL OF APPLIED GERONTOLOGY

39

參考文獻

計量

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46	Web of Science 核心合輯出版品
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729	563
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Objective This study evaluated the effectiveness of a mindfulness-based healthy lifestyle ... [顯示更多](#) ▾

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2

Article
The effect of the 'Stable Sugar Winner' board game on dietary knowledge, attitudes, and behavioral self-efficacy in preventing diabetes among community-

2
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27
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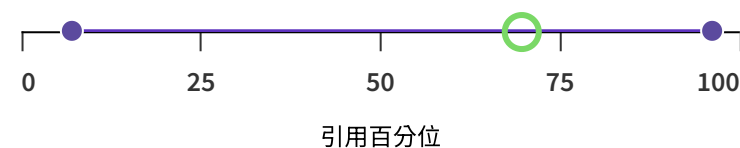
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[檢視射束圖](#)

dwelling older adults

Tsai, CC; Hwang,
HL; (...); Chen, MF
Nov-dec 2025

|
GERIATRIC

NURSING ▼

66

The purpose of
this study was to

多 ▼

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3

Proceedings Paper

Action
research on
the integration
of panoramic
VR interactive
teaching
materials into
emergency
nursing for
Vocational

10
參考文獻

作者位置 ⓘ

第一作者 52%

最後作者 4%

通訊作者 41%

共同作者 ⓘ

24	Cheng, Wood-Hi
14	Cheng, Wei-Chih
10	Chen, Meifang
9	Chen, Ming-Hung
9	Hsu, Yi-Cheng

檢視共同作者視覺效果

School Students

Chen, MF; Tsai, CC;
(...); Hung, MH

6th Biophotonics in
Exercise Science,
Sports Medicine,
Health Monitoring
Technologies, and
Wearables

2025

| BIOPHOTONICS IN
EXERCISE SCIENCE,
SPORTS MEDICINE,
HEALTH MONITORING
TECHNOLOGIES, AND
WEARABLES VI
13313

Background:

Employer surveys of

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4

Proceedings Paper

4

參考文獻

Research on
Improving the
Teaching
Effectiveness
of LED Courses

Tsai, CC; Chen, MF;
(...); Tsai, YS
2025 Conference on AI
and Optical Data
Sciences
2025
| AI AND OPTICAL
DATA SCIENCES VI
13375

This study proposes to
assess the learning

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5

Article

Structural
equation
modeling of
dispositional
mindfulness,
internal
environmental
factors,

2
引用文献
28
参考文献

**external
environmental
factors, and
self-care
behaviors in
people with
type 2
diabetes**

Tsai, CC; Chan, HS;
(...); Chen, MF
Jun 2024

|
APPLIED NURSING

RESEARCH ▾

77

Background: To
achieve suitable

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6

Article
**The effect of
a bone-
preserving
board game
program on
the**

4

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16

參考文獻

knowledge,
attitudes
and
preventive
behaviors of
osteoporosis
in older
adults

Tsai, CC; Chen, PY;
(...); Chen, MF
Mar-apr 2024

|
GERIATRIC

NURSING ▼

56, pp.212-217

Osteoporosis
predisposes to
更多 ▼

檢視全文

7

Article

Comparing
the
effectiveness
of board
game-based
and drill-

14

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17

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based
education
programs in
improving
Taiwanese
nurses' fire
safety
knowledge,
attitudes,
and
behavior: A
quasi-
experimental
study

Hsieh, HW; Wu, CS;
(...); Chen, MF
Oct 2023

|
NURSE EDUCATION

TODAY ▼

129

Background: Fire
education is

更多 ▼

檢視全文

The efficacy
of a
mindfulness-
based
exercise
program in
older
residents of
a long-term
care facility
in Taiwan

Tsai, CC; Lee, HL;
(...); Chen, MF
Mar-apr 2023

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GERIATRIC

NURSING ▼

50, pp.227-233

Older people living
in long-term care

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9

Article 

The Effectiveness of a
Thanks, Sorry, Love, and
Farewell Board Game in

14
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23
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Older People in Taiwan: A Quasi-Experimental Study

Chen, MF and Tsai, CC

Mar 2022

|

INTERNATIONAL JOURNAL OF

ENVIRONMENTAL RESEARCH AND PUBLIC

HEALTH ▼

19(5)

☰★ 被引參考文獻深度分析

The objective of this study is to examine the effectiveness of the four themes of life ("thanks, sorry ... 顯示更多 ▼

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Article

**Enterovirus
board
game for
elementary
school
children: A
pilot study**

Chen, MF; Wu,
CS; (...); Tsai, MY

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Mar 2022

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PUBLIC HEALTH

NURSING ▾

39(2), pp.500-

505

Objective To
evaluate the

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Article

47

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參考文獻

Efficacy of a horticultural activity program for reducing depression and loneliness in older residents of nursing homes in Taiwan

Chu, HY; Chen, MF; (...); Wu, TL
Jul-aug 2019

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40(4), pp.386-391

Promoting psychological

更多 ▼

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The Study of LED Light Source Illumination Conditions for Ideal Algae Cultivation

Tsai, CC; Huang, CF;
(...); Yue, CF
Conference on Smart
Photonic and
Optoelectronic
Integrated Circuits XIX
2017
| SMART PHOTONIC
AND
OPTOELECTRONIC
INTEGRATED
CIRCUITS XIX
10107

Utilizing LED light
source modules with 3

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Proceedings Paper

The Quality Study of

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8
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Recycled Glass Phosphor Waste for LED

Tsai, CC; Chen, GH;
(...); Cheng, WH
Conference on Light-
Emitting Diodes -
Materials, Devices,
and Applications for
Solid State Lighting
XXI
2017
| LIGHT-EMITTING
DIODES: MATERIALS,
DEVICES, AND
APPLICATIONS FOR
SOLID STATE
LIGHTING XXI
10124

To study the feasibility
and quality of
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14

Proceedings Paper

Synthesis of citrate coated ferrofluids with high

2

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7

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magnetic
heating

Lin, JF and Tsai, CC
International
Conference on
Mechanics and
Mechatronics (ICMM)
2016
| PROCEEDINGS OF
THE 2015
INTERNATIONAL
CONFERENCE ON
MECHANICS AND
MECHATRONICS
(ICMM 2015)
, pp.95-103

The Fe₃O₄
nanoparticles coated
示更多 ▾

15

Review
Thermal
Aging
Performance
Analyses of
High Color
Rendering
Index of
Glass-Based

8
引用文獻
15
參考文獻

Phosphor-Converted White-Light-Emitting Diode

Tsai, CC
Dec 2015

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IEEE
TRANSACTIONS
ON DEVICE AND
MATERIALS
RELIABILITY ▼
15(4), pp.617-620

This paper
reported the high-
更多 ▼

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文 

16

Proceedings Paper

Next-
Generation
Glass-Based
Phosphor-
Converted

7
引用文獻
6
參考文獻

Laser Light
Engine

Chang, JK; Cheng, WC;
(...); Cheng, WH
14th International
Conference on Solid
State Lighting and
LED-Based
Illumination Systems
2015
| FOURTEENTH
INTERNATIONAL
CONFERENCE ON
SOLID STATE
LIGHTING AND LED-
BASED ILLUMINATION
SYSTEMS
9571

A highly reliable laser
light engine (LLE)
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Article
**Magneto-
optical
properties
and
magnetic
inductive**

3
引用文獻
18
參考文獻

heating of
sodium
oleate
coated
 Fe_3O_4
magnetic
fluid

Lin, JF; Tsai, CC;
(...); Lin, YQ
2015

| OPTIK ▼

126(9-10),
pp.907-911

The Fe_3O_4
nanoparticles

🔗 ▼

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文

18

Proceedings Paper

Packaging of
Phosphor-
Converted
White Light-
Emitting
Diodes for

18

參考文獻

Solid-State Lighting

Tsai, CC; Yue, CF; (...);
Cheng, WH
Conference on Optical
Components and
Materials XII
2015
| OPTICAL
COMPONENTS AND
MATERIALS XII
9359

For both high
conversion efficiency

顯示更多 ▾

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19

Article

Process
dependent
luminescence
characteristics
of low-
temperature
Ce³⁺:YAG
doped glass
for phosphor-
converted

11

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12

參考文獻

white-light-emitting diodes

Tsai, CC

2015 | OPTIK ▼

126(6), pp.655-658

The glass particle
size dependence of
[示更多](#) ▼

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Article

Linear birefringence and dichroism in citric acid coated Fe_3O_4 magnetic nanoparticles

Lin, JF; Tsai, CC and
Lee, MZ

27

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[參考文獻](#)

Dec 2014

|

JOURNAL OF

MAGNETISM AND

MAGNETIC

MATERIALS ▼

372, pp.147-158

To prepare highly
dispersed water

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21

Article 

**Novel
broadband
glass
phosphors
for high
CRI WLEDs**

Chen, LY;
Cheng, WC; (...);
Cheng, WH
May 5 2014

|

OPTICS

EXPRESS ▼

22(9), pp.A671-
A678

79

引用文獻

22

參考文獻

New broadband
glass
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Article
**Thermal-
Stability
Comparison
of Glass-
and
Silicone-
Based High-
Power
Phosphor-
Converted
White-
Light-
Emitting
Diodes
Under
Thermal
Aging**

Tsai, CC; Cheng,
WC; (...); Cheng,

26

引用文獻

11

參考文獻

WH

Mar 2014

|

IEEE

TRANSACTIONS

ON DEVICE AND

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RELIABILITY ▼

14(1), pp.4-8

The lumen
degradation,

多 ▼

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文 

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Proceedings Paper

1

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18

參考文獻

High-color
rendering
indices
performance
of glass based
phosphor-
converted
white light-
emitting
diodes for solid
state lighting

Tsai, CC; Cheng, WC;
(...); Cheng, WH
Conference on Light-
Emitting Diodes -
Materials, Devices,
and Applications for
Solid State Lighting
XVIII
2014
| LIGHT-EMITTING
DIODES: MATERIALS,
DEVICES, AND
APPLICATIONS FOR
SOLID STATE
LIGHTING XVIII
9003

The high-temperature
operation of glass

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24

Article 

**Color
Rendering
Index
Thermal
Stability
Improvement
of Glass-
Based
Phosphor-
Converted
White Light-
Emitting
Diodes for
Solid-State
Lighting**

Tsai, CC

2014

|

INTERNATIONAL

JOURNAL OF

PHOTOENERGY ▼

2014

High color
rendering index

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Article 
**High-
performance
glass
phosphor
for white-
light-
emitting
diodes via
reduction of
Si-Ce³⁺:YAG
inter-
diffusion**

Chen, LY; Cheng,
WC; (...); Cheng,
WH

Jan 1 2014

|

OPTICAL

MATERIALS

EXPRESS ▼

4(1), pp.121-128

57

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14

參考文獻

A novel Ce³⁺:YAG
doped sodium
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Article
**Ultra-High
Thermal-
Stable
Glass
Phosphor
Layer for
Phosphor-
Converted
White
Light-
Emitting
Diodes**

Tsai, CC; Cheng,
WC; (...); Cheng,
WH

84

[引用文獻](#)

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[參考文獻](#)

Jun 2013

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JOURNAL OF

DISPLAY

TECHNOLOGY



9(6), pp.427-
432

A glass
phosphor layer



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Article

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參考文獻

Optical Model for Novel Glass- Based Phosphor- Converted White Light- Emitting Diodes

Chen, LY;
Chang, JK; (...);
Cheng, WH

Jun 2013

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JOURNAL OF
DISPLAY
TECHNOLOGY

▼
9(6), pp.441-
446

We proposed
an optical

↻ ▼

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28

Article

**Study on the
optically
linear
birefringence
and
dichroism
properties of
 Fe_3O_4
magnetic
nanoparticles**

Lin, JF; Tsai, CC and
Lee, MZ

2013 | OPTIK ▼

124(24), pp.6910-
6914

We adopt an
improved co-

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1

引用文獻

11

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Proceedings Paper

**Visual
Susceptibility**

11

參考文獻

Analysis for
Solid-State
Lighting of
Commercial
PC-WLEDs

Tsai, CC; Yue, CF; (...);
Liao, JS

Conference on Light-
Emitting Diodes -
Materials, Devices,
and Applications for
Solid State Lighting
XVII

2013

| LIGHT-EMITTING
DIODES: MATERIALS,
DEVICES, AND
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LIGHTING XVII

8641

Human susceptibility
to visual discomfort of

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30

Proceedings Paper

Performance
enhancement

1
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6
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of high-
temperature
glass-based
phosphor-
converted
white light-
emitting
diodes
employing
SiO₂

Tsai, CC; Yue, CF; (...);
Cheng, WH

Conference on Light-
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Materials, Devices,
and Applications for
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XVII

2013

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LIGHTING XVII

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It was reported that
sol-gel processed

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31

Article

Mean-time-to-failure evaluations of encapsulation materials for LED package in accelerated thermal tests

Wang, JS; Tsai, CC;
(...); Cheng, WH
May 2012

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MICROELECTRONICS

RELIABILITY ▼

52(5), pp.813-817

The mean-time-to-failure (MITE)

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參考文獻

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Proceedings Paper

High-Temperature (350°C) Glass

15

參考文獻

Phosphor Layer for Converted White Light- Emitting Diodes

Cheng, WH; Tsai, CC;
(...); Pan, CJ

12th International
Conference on Solid
State Lighting / 4th
International
Conference on White
LEDs and Solid State
Lighting
2012

| TWELFTH
INTERNATIONAL
CONFERENCE ON
SOLID STATE
LIGHTING AND
FOURTH
INTERNATIONAL
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WHITE LEDS AND
SOLID STATE
LIGHTING
8484

The high-temperature
operation up to 350

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Article

**High
Thermal
Stability of
Phosphor-
Converted
White
Light-
Emitting
Diodes
Employing
Ce:YAG-
Doped
Glass**

Wang, J; Tsai,
CC; (...); Cheng,
WH

May-jun 2011

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IEEE JOURNAL
OF SELECTED
TOPICS IN
QUANTUM
ELECTRONICS



17(3), pp.741-
746

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High thermal
stability of



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全文

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Proceedings Paper

**High Humidity
Resistance of
High-Power
White-Light-
Emitting Diode
Modules
Employing
Ce:YAG Doped
Glass**

Tsai, CC; Liou, JS; (...);
Cheng, WH
IEEE 61st Electronic
Components and
Technology
Conference (ECTC)
2011
| 2011 IEEE 61ST
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, pp.1626-1630

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14

參考文獻

The reliability study of
thermal shock and
[顯示更多](#) ▾

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Proceedings Paper

**Lumen
Degradation
and
Chromaticity
Shift in Glass
and Silicone
Based High-
Power
Phosphor-
Converted
White-Emitting
Diodes under
Thermal Tests**

Cheng, WH; Tsai, CC
and Wang, J
11th International
Conference on Solid
State Lighting

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2011
| ELEVENTH
INTERNATIONAL
CONFERENCE ON
SOLID STATE
LIGHTING
8123

The lumen
degradation and
[顯示更多](#) ▾

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Proceedings Paper

Output Power Enhancement of Micro-Gear Sidewall Design Light Emitting Diode

Tsai, CC; Cheng, WC;
(...); Cheng, WH
15th Optoelectronics
and Communications
Conference (OECC)
2010
| 2010 15TH
OPTOELECTRONICS
AND
COMMUNICATIONS
CONFERENCE (OECC)

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[參考文獻](#)

, pp.60-61

This study investigates
the characteristics of
MGS design in LEDs

37

Proceedings Paper

**High Thermal
Stability of
High-Power
Phosphor
Based White-
Light-Emitting
Diodes
Employing
Ce:YAG-Doped
Glass**

Tsai, CC; Chung, CH;
(...); Cheng, WH
60th Electronic
Components and
Technology
Conference
2010
| 2010 PROCEEDINGS
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TECHNOLOGY
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, pp.700-703

High thermal stability
of high-power

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Article

**Investigation
of Ce:YAG
Doping
Effect on
Thermal
Aging for
High-Power
Phosphor-
Converted
White-Light-
Emitting
Diodes**

Tsai, CC; Wang, J;
(...); Cheng, WH

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Sep 2009

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IEEE

TRANSACTIONS

ON DEVICE AND

MATERIALS

RELIABILITY ▼

9(3), pp.367-371

In this paper, high-
power phosphor-

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Article

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An
Optimum
Design and
Fabrication
of Focus
Lens for
High
Intensity
Light-
Emitting
Diodes

Tsai, CC; Huang,
CC; (...); Cheng,
WH

Sep 2009

|
JAPANESE

JOURNAL OF
APPLIED

PHYSICS ▼

48(9)

A maximum
output intensity

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**Decay
Mechanisms
of Radiation
Pattern and
Optical
Spectrum of
High-Power
LED
Modules in
Aging Test**

Tsai, CC; Chen,
MH; (...); Cheng,
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Jul-aug 2009

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▼
15(4), pp.1156-
1162

Decay of radiation
pattern and

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Decay of Lumen and Chromaticity of High-Power Phosphor- Converted White-Light- Emitting Diodes in Thermal Aging

Wang, JS; Tsai, CC;
(...); Cheng, WH
Conference on Light-
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XIII
2009
| LIGHT-EMITTING
DIODES: MATERIALS,
DEVICES, AND
APPLICATIONS FOR
SOLID STATE
LIGHTING XIII
7231

In this paper, we
would like to report

42

Article
**Social
support
and
adaptation
of
Taiwanese
adults
with
mental
illness**

Huang, CY;
Sousa, VD; (...);
Hwang, MY
Jul 2008
|
JOURNAL OF
CLINICAL
NURSING ▼
17(13), pp.1795-
1802

Aims and
objectives. The



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