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TOP PAPERS FOR TAIWAN IN CHEMISTRY

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1 Citations: 288

WEB OF SCIENCE

Title: CATALYTIC GROWTH AND CHARACTERIZATION OF GALLIUM NITRIDE NANOWIRES**Authors:** [CHEN CC](#); YEH CC; [CHEN CH](#); YU MY; [LIU HL](#); [WU JJ](#); [CHEN KH](#); [CHEN LC](#); PENG JY; [CHEN YF](#)**Source:** [J AM CHEM SOC](#)
123 (12): 2791-2798 MAR 28 2001**Addresses:** [Natl Taiwan Normal Univ](#), Dept Chem, 88 S 4 Tingchow Rd, Taipei 116, [Taiwan](#).
[Natl Taiwan Normal Univ](#), Dept Chem, Taipei 116, [Taiwan](#).
[Natl Taiwan Normal Univ](#), Dept Phys, Taipei 116, [Taiwan](#).
[Acad Sinica](#), Inst Atom & Mol Sci, Taipei 115, [Taiwan](#).
[Natl Taiwan Univ](#), Ctr Condensed Matter Sci, Taipei 10764, [Taiwan](#).
[Natl Taiwan Univ](#), Dept Phys, Taipei 10764, [Taiwan](#).**Field:** [CHEMISTRY](#)




2 Citations: 275

WEB OF SCIENCE

Title: HIGH-EFFICIENCY RED-LIGHT EMISSION FROM POLYFLUORENES GRAFTED WITH CYCLOMETALATED IRIIDIUM COMPLEXES AND CHARGE TRANSPORT MOIETY**Authors:** [CHEN XW](#); LIAO JL; [LIANG YM](#); AHMED MO; TSENG HE; [CHEN SA](#)**Source:** [J AM CHEM SOC](#)
125 (3): 636-637 JAN 22 2003**Addresses:** [Natl Tsing Hua Univ](#), Dept Chem Engn, Hsinchu 30013, [Taiwan](#).**Field:** [CHEMISTRY](#)

3 Citations: 245

WEB OF SCIENCE

- Title:** TER(9,9-DIARYLFLUORENE)S: HIGHLY EFFICIENT BLUE EMITTER WITH PROMISING ELECTROCHEMICAL AND THERMAL STABILITY
- Authors:** [WONG KT](#); CHIEN YY; CHEN RT; [WANG CF](#); [LIN YT](#); CHIANG HH; HSIEH PY; [WU CC](#); [CHOU CH](#); SU YO; [LEE GH](#); [PENG SM](#)
- Source:** [J AM CHEM SOC](#)
124 (39): 11576-11577 OCT 2 2002
- Addresses:** [Natl Taiwan Univ](#), Grad Inst Electroopt Engn, Dept Elect Engn, Dept Chem, Taipei 106, [Taiwan](#).
[Natl Taiwan Univ](#), Grad Inst Elect Engn, Taipei 106, [Taiwan](#).
- Field:** [CHEMISTRY](#)
- 4 Citations: 230  WEB OF SCIENCE
- Title:** IDEAL CAPACITIVE BEHAVIOR OF HYDROUS MANGANESE OXIDE PREPARED BY ANODIC DEPOSITION
- Authors:** [HU CC](#); TSOU TW
- Source:** [ELECTROCHEM COMMUN](#)
4 (2): 105-109 FEB 2002
- Addresses:** [Natl Chung Cheng Univ](#), Dept Chem Engn, Chiayi 621, [Taiwan](#).
- Field:** [CHEMISTRY](#)
- 5 Citations: 214  RESEARCH FRONT WEB OF SCIENCE
- Title:** RECENT DEVELOPMENTS IN MAIN GROUP METAL COMPLEXES CATALYZED/INITIATED POLYMERIZATION OF LACTIDES AND RELATED CYCLIC ESTERS
- Authors:** [WU JC](#); YU TL; [CHEN CT](#); [LIN CC](#)
- Source:** [COORD CHEM REV](#)
250 (5-6): 602-626 MAR 2006
- Addresses:** [Natl Chung Hsing Univ](#), Dept Chem, Taichung 402, [Taiwan](#).
- Field:** [CHEMISTRY](#)
- 6 Citations: 210  WEB OF SCIENCE
- Title:** LIGHT-EMITTING CARBAZOLE DERIVATIVES: POTENTIAL

ELECTROLUMINESCENT MATERIALS

Authors: [THOMAS KRJ](#); [LIN JT](#); [TAO YT](#); KO CW

Source: [J AM CHEM SOC](#)
123 (38): 9404-9411 SEP 26 2001

Addresses: [Acad Sinica](#), Inst Chem, Taipei 115, [Taiwan](#).
[Natl Cent Univ](#), Dept Chem, Chungli 320, [Taiwan](#).

Field: [CHEMISTRY](#)

7 **Citations:** 199 

RESEARCH FRONT

WEB OF SCIENCE

Title: GRAPHENE-SILICA COMPOSITE THIN FILMS AS TRANSPARENT CONDUCTORS

Authors: WATCHAROTONE S; [DIKIN DA](#); [STANKOVICH S](#); PINER R; [JUNG I](#); [DOMMETT GHB](#); [EVMENENKO G](#); WU SE; [CHEN SF](#); [LIU CP](#); [NGUYEN ST](#); [RUOFF RS](#)

Source: [NANO LETT](#)
7 (7): 1888-1892 JUL 2007

Addresses: [Northwestern Univ](#), Dept Mech Engn, Evanston, IL 60208 USA.
[Northwestern Univ](#), Dept Phys & Astron, Evanston, IL 60208 USA.
[Northwestern Univ](#), Dept Chem, Evanston, IL 60208 USA.
[Natl Cheng Kung Univ](#), Dept Mat Sci & Engn, Tainan 701, [Taiwan](#).

Field: [CHEMISTRY](#)

8 **Citations:** 194 

WEB OF SCIENCE

Title: CATALYST-FREE GROWTH AND CHARACTERIZATION OF ZNO NANORODS

Authors: [WU JJ](#); [LIU SC](#)

Source: [J PHYS CHEM B](#)
106 (37): 9546-9551 SEP 19 2002

Addresses: [Natl Cheng Kung Univ](#), Dept Chem Engn, Tainan 701, [Taiwan](#).

Field: [CHEMISTRY](#)

9 **Citations:** 189 

RESEARCH FRONT

WEB OF SCIENCE

Title: APTAMER-MODIFIED GOLD NANOPARTICLES FOR COLORIMETRIC DETERMINATION OF PLATELET-DERIVED GROWTH FACTORS AND THEIR RECEPTORS

Authors: [HUANG CC](#); [HUANG YF](#); [CAO ZH](#); [TAN WH](#); [CHANG HT](#)

Source: [ANAL CHEM](#)
77 (17): 5735-5741 SEP 1 2005

Addresses: [Natl Taiwan Univ](#), Dept Chem, 1,Sect 4,Roosevelt Rd, Taipei 10764, [Taiwan](#).
[Natl Taiwan Univ](#), Dept Chem, Taipei 10764, [Taiwan](#).
[Univ Florida](#), McKnight Brain Inst, Dept Chem, Gainesville, FL 32611 USA.
[Univ Florida](#), McKnight Brain Inst, Shands Canc Ctr, Gainesville, FL 32611 USA.

Field: [CHEMISTRY](#)

10 Citations: 189 

RESEARCH FRONT

WEB OF SCIENCE

Title: FE₃O₄/TiO₂ CORE/SHELL NANOPARTICLES AS AFFINITY PROBES FOR THE ANALYSIS OF PHOSHOPEPTIDES USING TiO₂ SURFACE-ASSISTED LASER DESORPTION/IONIZATION MASS SPECTROMETRY

Authors: [CHEN CT](#); [CHEN YC](#)

Source: [ANAL CHEM](#)
77 (18): 5912-5919 SEP 15 2005

Addresses: [Natl Chiao Tung Univ](#), Hsinchu 300, [Taiwan](#).

Field: [CHEMISTRY](#)

11 Citations: 187 

WEB OF SCIENCE

Title: HIGHLY EFFICIENT BLUE-LIGHT-EMITTING DIODES FROM POLYFLUORENE CONTAINING BIPOLAR PENDANT GROUPS

Authors: [SHU CF](#); DODDA R; [WU FI](#); [LIU MS](#); [JEN AKY](#)

Source: [MACROMOLECULES](#)
36 (18): 6698-6703 SEP 9 2003

Addresses: [Natl Chiao Tung Univ](#), Dept Appl Chem, Hsinchu 30035, [Taiwan](#).
[Univ Washington](#), Dept Mat Sci & Engn, Seattle, WA 98195 USA.

Field: [CHEMISTRY](#)

12 Citations: 185 

WEB OF SCIENCE

Title: SYNTHESIS AND ANTIBACTERIAL EVALUATION OF CERTAIN QUINOLONE DERIVATIVES

Authors: [CHEN YL](#); FANG KC; SHEU JY; [HSU SL](#); TZENG CC

Source: [J MED CHEM](#)
44 (14): 2374-2377 JUL 5 2001

Addresses: [Kaohsiung Med Univ](#), Sch Chem, Kaohsiung 807, [Taiwan](#).
Tajen Inst Technol, Dept Environm Engn & Hlth, Pington 907, [Taiwan](#).

Field: [CHEMISTRY](#)

13 Citations: 182 

RESEARCH FRONT

WEB OF SCIENCE

Title: PHOSPHORESCENT DYES FOR ORGANIC LIGHT-EMITTING DIODES

Authors: [CHOU PT](#); [CHI Y](#)

Source: [CHEM-EUR J](#)
13 (2): 380-395 2007

Addresses: [Natl Taiwan Univ](#), Dept Chem, 1,Sect 4,Roosevelt Rd, Taipei 10617, [Taiwan](#).
[Natl Taiwan Univ](#), Dept Chem, Taipei 10617, [Taiwan](#).
[Natl Tsing Hua Univ](#), Dept Chem, Hsinchu 30013, [Taiwan](#).

Field: [CHEMISTRY](#)

14 Citations: 176 

RESEARCH FRONT

WEB OF SCIENCE

Title: CHARACTERIZATION AND APPLICATION OF SINGLE FLUORESCENT NANODIAMONDS AS CELLULAR BIOMARKERS

Authors: FU CC; [LEE HY](#); [CHEN K](#); LIM TS; [WU HY](#); LIN PK; WEI PK; TSAO PH; [CHANG HC](#); FANN W

Source: [PROC NAT ACAD SCI USA](#)
104 (3): 727-732 JAN 16 2007

Addresses: [Acad Sinica](#), Inst Atom & Mol Sci, POB 23-166, Taipei 106, [Taiwan](#).
[Acad Sinica](#), Inst Atom & Mol Sci, Taipei 106, [Taiwan](#).
[Natl Taiwan Univ](#), Dept Phys, Taipei 106, [Taiwan](#).
[Acad Sinica](#), Res Ctr Appl Sci, Taipei 115, [Taiwan](#).
[Acad Sinica](#), Genom Res Ctr, Taipei 115, [Taiwan](#).

Field: [CHEMISTRY](#)

15 Citations: 173 

WEB OF SCIENCE

Title: SOLUBLE ELECTROLUMINESCENT POLY(PHENYLENE VINYLENE)S WITH BALANCED ELECTRON- AND HOLE INJECTIONS

Authors: LEE YZ; [CHEN XW](#); [CHEN SA](#); WEI PK; FANN WS

Source: [J AM CHEM SOC](#)
123 (10): 2296-2307 MAR 14 2001

Addresses: [Natl Tsing Hua Univ](#), Dept Chem Engn, Hsinchu 30043, [Taiwan](#).
[Natl Taiwan Univ](#), Acad Sinica, Inst Atom & Mol Sci, Taipei 106, [Taiwan](#).
[Natl Taiwan Univ](#), Dept Phys, Taipei 106, [Taiwan](#).

Field: [CHEMISTRY](#)

16 Citations: 171 

WEB OF SCIENCE

Title: STRUCTURAL AND MORPHOLOGICAL CONTROL OF CATIONIC SURFACTANT-TEMPLATED MESOPOROUS SILICA

Authors: LIN HP; [MOU CY](#)

Source: [ACCOUNT CHEM RES](#)
35 (11): 927-935 NOV 2002

Addresses: [Natl Taiwan Univ](#), Dept Chem, Taipei 106, [Taiwan](#).
[Natl Taiwan Univ](#), Ctr Condensed Matter Sci, Taipei 106, [Taiwan](#).
[Acad Sinica](#), Inst Chem, Taipei 115, [Taiwan](#).

Field: [CHEMISTRY](#)

17 Citations: 166 

WEB OF SCIENCE

Title: DIRECT SYNTHESIS AND CATALYTIC APPLICATIONS OF ORDERED LARGE PORE AMINOPROPYL-FUNCTIONALIZED SBA-15 MESOPOROUS MATERIALS

Authors: [WANG XG](#); LIN KSK; CHAN JCC; CHENG SF

Source: [J PHYS CHEM B](#)
109 (5): 1763-1769 FEB 10 2005

Addresses: [Natl Taiwan Univ](#), Dept Chem, Taipei 106, [Taiwan](#).

Field: [CHEMISTRY](#)

18 Citations: 166 

RESEARCH FRONT

WEB OF SCIENCE

Title: BRIGHT FLUORESCENT NANODIAMONDS: NO PHOTOBLEACHING AND LOW CYTOTOXICITY

Authors: YU SJ; KANG MW; [CHANG HC](#); CHEN KM; YU YC

Source: [J AM CHEM SOC](#)
127 (50): 17604-17605 DEC 21 2005

Addresses: [Acad Sinica](#), Inst Atom & Mol Sci, Taipei 106, [Taiwan](#),
Genom Res Ctr, Tokyo 115, [Japan](#),
[Acad Sinica](#), Inst Phys, Taipei 115, [Taiwan](#).

Field: [CHEMISTRY](#)

19 Citations: 163 

WEB OF SCIENCE

Title: SORPTION STUDIES OF ACID DYE BY MIXED SORBENTS

Authors: [HO YS](#); CHIANG CC

Source: [ADSORPTION](#)
7 (2): 139-147 2001

Addresses: [Taipei Med Univ](#), Sch Publ Hlth, Taipei, [Taiwan](#),
Chin Mim Coll, Dept Chem Engr, Miao Li, [Peoples R China](#).

Field: [CHEMISTRY](#)

20 Citations: 157 

RESEARCH FRONT

WEB OF SCIENCE

Title: PREPARATION AND APPLICATION OF N-HETEROCYCLIC CARBENE COMPLEXES OF AG(I)

Authors: LIN IJB; VASAM CS

Source: [COORD CHEM REV](#)
251 (5-6): 642-670 MAR 2007

Addresses: [Natl Dong Hwa Univ](#), Dept Chem, Shoufeng 974, Hualien, [Taiwan](#).

Field: [CHEMISTRY](#)

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