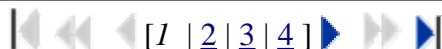


## TOP PAPERS FOR TAIWAN IN CHEMISTRY

Sorted by: Citations 

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1 Citations: 251

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: 233

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: 209

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 Engr, Dept Elect Engr, Dept Chem, Taipei 106, [Taiwan](#).  
[Natl Taiwan Univ](#), Grad Inst Elect Engr, Taipei 106, [Taiwan](#).

**Field:** [CHEMISTRY](#)

4 Citations: 183 

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 Engr, Chiayi 621, [Taiwan](#).

**Field:** [CHEMISTRY](#)

5 Citations: 179 

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](#)

6 Citations: 167 

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 & Engr, Seattle, WA 98195 USA.

**Field:** [CHEMISTRY](#)

7 Citations: 156 **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 Engr, Tainan 701, [Taiwan](#).**Field:** [CHEMISTRY](#)8 Citations: 155 **Title:** PHASE BEHAVIOR OF A BLOCK COPOLYMER IN SOLVENTS OF VARYING SELECTIVITY**Authors:** HANLEY KJ; [LODGE TP](#); HUANG CI**Source:** [MACROMOLECULES](#)  
33 (16): 5918-5931 AUG 8 2000**Addresses:** [Univ Minnesota](#), Dept Chem, 207 Pleasant St SE, Minneapolis, MN 55455 USA.  
[Univ Minnesota](#), Dept Chem, Minneapolis, MN 55455 USA.  
[Univ Minnesota](#), Dept Chem Engr & Mat Sci, Minneapolis, MN 55455 USA.  
[Natl Taiwan Univ Sci & Technol](#), Grad Inst Engr Technol, Taipei, [Taiwan](#).**Field:** [CHEMISTRY](#)9 Citations: 153 **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 Engr, 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](#)10 Citations: 146 **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](#)

11 Citations: 137 

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 Engr & Hlth, Pington 907, [Taiwan](#).

**Field:** [CHEMISTRY](#)

12 Citations: 132 

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](#)

13 Citations: 130 

RESEARCH FRONT

WEB OF SCIENCE

**Title:** FE<sub>3</sub>O<sub>4</sub>/TiO<sub>2</sub> CORE/SHELL NANOPARTICLES AS AFFINITY PROBES FOR THE ANALYSIS OF PHOSHOPEPTIDES USING TiO<sub>2</sub> 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](#)

14 Citations: 129 

WEB OF SCIENCE

Title: PRINCIPLES GOVERNING MG, CA, AND ZN BINDING AND SELECTIVITY IN PROTEINS

Authors: DUDEV T; [LIM C](#)

Source: [CHEM REV](#)  
103 (3): 773-787 MAR 2003

Addresses: [Acad Sinica](#), Inst Biomed Sci, Taipei 11529, [Taiwan](#).  
[Natl Tsing Hua Univ](#), Dept Chem, Hsinchu 300, [Taiwan](#).

Field: [CHEMISTRY](#)

15 Citations: 125 

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](#)

16 Citations: 121 

RESEARCH FRONT

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](#)

17 Citations: 120 

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](#)

18 Citations: 112 

WEB OF SCIENCE

**Title:** COPPER-CATALYZED ZNO NANOWIRES ON SILICON (100) GROWN BY VAPOR-LIQUID-SOLID PROCESS

**Authors:** [LI SY](#); [LEE CY](#); [TSENG TY](#)

**Source:** [J CRYST GROWTH](#)  
247 (3-4): 357-362 JAN 2003

**Addresses:** [Natl Chiao Tung Univ](#), Dept Elect Engn, Hsinchu 30050, [Taiwan](#).  
[Natl Chiao Tung Univ](#), Inst Elect, Hsinchu 30050, [Taiwan](#).

**Field:** [CHEMISTRY](#)

19 Citations: 112 

WEB OF SCIENCE

**Title:** LIQUID-PHASE ADSORPTION OF DYES AND PHENOLS USING PINEWOOD-BASED ACTIVATED CARBONS

**Authors:** TSENG RL; [WU FC](#); [JUANG RS](#)

**Source:** [CARBON](#)  
41 (3): 487-495 2003

**Addresses:** [Yuan Ze Univ](#), Dept Chem Engn, Chungli 320, [Taiwan](#).  
Lien Ho Inst Technol, Dept Safety Hlth & Environm Engn, Miao Li 360, [Japan](#).  
Lien Ho Inst Technol, Dept Chem Engn, Miao Li 360, [Japan](#).

**Field:** [CHEMISTRY](#)

20 Citations: 106 

RESEARCH FRONT

WEB OF SCIENCE

**Title:** BRIGHT FLUORESCENT NANODIAMONDS: NO PHOTOBLEACHING AND LOW CYTOTOXICITY

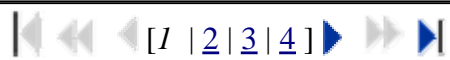
**Authors:** YU SJ; KANG MW; [CHANG HC](#); CHEN KM; YU YC

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

**Addresses:** [Acad Sinica](#), Inst Atom & Mol Sci, Taipei 106, [Taiwan](#).

**Field:** [CHEMISTRY](#)

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