



HELP



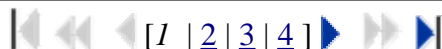
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## TOP PAPERS FOR TAIWAN IN CHEMISTRY

Sorted by: Citations 

1 - 20 (of 67)



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1 Citations: 264

WEB OF SCIENCE

**Title:** THE SHAPE TRANSITION OF GOLD NANORODS**Authors:** [CHANG SS](#); SHIH CW; CHEN CD; [LAI WC](#); WANG CRC**Source:** [LANGMUIR](#)  
15 (3): 701-709 FEB 2 1999**Addresses:** [Natl Chung Cheng Univ](#), Dept Chem, Chiayi 621, [Taiwan](#).**Field:** [CHEMISTRY](#)

2 Citations: 234

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](#)

3 Citations: 224

WEB OF SCIENCE

**Title:** SYNTHESIS AND CHARACTERIZATION OF NOVEL SEGMENTED POLYURETHANE/CLAY NANOCOMPOSITES**Authors:** CHEN TK; TIEN YI; [WEI KH](#)**Source:** [POLYMER](#)  
41 (4): 1345-1353 FEB 2000

**Addresses:** [Natl Chiao Tung Univ](#), Dept Mat Sci & Engn, Hsinchu 30049, [Taiwan](#).

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

4 Citations: 207 

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](#)

5 Citations: 185 

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](#)

6 Citations: 166 

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](#)

7 Citations: 157 

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](#)

8 Citations: 152 

RESEARCH FRONT

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](#)

9 Citations: 142 

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](#)

10 Citations: 140 

WEB OF SCIENCE

**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 Engn & Mat Sci, Minneapolis, MN 55455 USA.  
[Natl Taiwan Univ Sci & Technol](#), Grad Inst Engn Technol, Taipei, [Taiwan](#).

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

11 Citations: 140 

WEB OF SCIENCE

**Title:** VAN DER WAALS INTERACTIONS IN THE CL+HD REACTION

**Authors:** SKOUTERIS D; [MANOLOPOULOS DE](#); BIAN WS; [WERNER HJ](#); LAI LH; [LIU KP](#)

**Source:** [SCIENCE](#)  
286 (5445): 1713-1716 NOV 26 1999

**Addresses:** [Phys & Theoret Chem Lab](#), S Parks Rd, Oxford OX1 3QZ, [England](#).  
[Phys & Theoret Chem Lab](#), Oxford OX1 3QZ, [England](#).  
[Univ Stuttgart](#), Inst Theoret Chem, D-75069 Stuttgart, [Germany](#).  
[Acad Sinica](#), Inst Atom & Mol Sci, Taipei 10764, [Taiwan](#).

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

12 Citations: 139 

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](#)

13 Citations: 125 

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](#)

14 Citations: 124 

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](#)

15 Citations: 119 

WEB OF SCIENCE

**Title:** A HIGHLY SELECTIVE FLUORESCENT CHEMOSENSOR FOR LEAD IONS

**Authors:** [CHEN CT](#); HUANG WP

**Source:** [J AM CHEM SOC](#)  
124 (22): 6246-6247 JUN 5 2002

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

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

16 Citations: 116 

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](#)

17 Citations: 105 

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](#)

18 **Citations:** 103 

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](#)

19 **Citations:** 102 

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](#)

20 **Citations:** 100 

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](#)

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