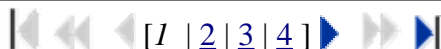




TOP PAPERS FOR TAIWAN IN CHEMISTRY

Sorted by: Citations

1 - 20 (of 67)



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1 Citations: 268

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: 236

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: 228

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: 214 

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: 192 

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: 171 

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: 165 

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: 158 

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: 146 

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: 145 

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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:** 145 

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:** 143 

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:** 130 

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: 129 

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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: 122 

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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: 119 

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: 111 

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:** 109 

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:** 108 

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](#)

20 **Citations:** 104 

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](#)

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