



TOP PAPERS FOR TAIWAN IN ENGINEERING

Sorted by: Citations

21 - 40 (of 227)



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21 Citations: 98

WEB OF SCIENCE

Title: PERFORMANCE OF AN AIR-BREATHING DIRECT METHANOL FUEL CELL**Authors:** [CHEN CY](#); [YANG P](#)**Source:** [J POWER SOURCES](#)
123 (1): 37-42 SEP 15 2003**Addresses:** Inst Nucl Energy Res, 1000 Wenhua Rd, Chiaan Village, POB 3-14, Lungtan 32500, [Taiwan](#).
Inst Nucl Energy Res, Lungtan 32500, [Taiwan](#).**Field:** [ENGINEERING](#)

22 Citations: 97

WEB OF SCIENCE

Title: AN OBSERVER-BASED APPROACH FOR CHAOTIC SYNCHRONIZATION WITH APPLICATIONS TO SECURE COMMUNICATIONS**Authors:** [LIAO TL](#); HUANG NS**Source:** [IEEE TRANS CIRCUIT SYST-I](#)
46 (9): 1144-1150 SEP 1999**Addresses:** [Natl Cheng Kung Univ](#), Dept Engn Sci, Tainan 701, [Taiwan](#).**Field:** [ENGINEERING](#)

23 Citations: 96

WEB OF SCIENCE

Title: BIOHYDROGEN PRODUCTION USING AN UP-FLOW ANAEROBIC SLUDGE BLANKET REACTOR**Authors:** [CHANG FY](#); [LIN CY](#)**Source:** [INT J HYDROGEN ENERG](#)
29 (1): 33-39 JAN 2004**Addresses:** [Feng Chia Univ](#), BioHydrogen Lab, Dept Hydraul Engn, POB 25-123, Taichung 40724, [Taiwan](#).
[Feng Chia Univ](#), BioHydrogen Lab, Dept Hydraul Engn, Taichung 40724, [Taiwan](#).

Field: [ENGINEERING](#)

24 **Citations:** 95 

WEB OF SCIENCE

Title: APPLICATION OF TIME-SLICED ION VELOCITY IMAGING TO CROSSED MOLECULAR BEAM EXPERIMENTS

Authors: [LIN JJ](#); ZHOU JG; SHIU WC; [LIU KP](#)

Source: [REV SCI INSTR](#)
74 (4): 2495-2500 APR 2003

Addresses: [Acad Sinica](#), Inst Atom & Mol Sci, POB 23-166, Taipei 106, [Taiwan](#).
[Acad Sinica](#), Inst Atom & Mol Sci, Taipei 106, [Taiwan](#).
[Natl Taiwan Normal Univ](#), Dept Chem, Taipei 106, [Taiwan](#).

Field: [ENGINEERING](#)

25 **Citations:** 91 

WEB OF SCIENCE

Title: A CONCISE SURVEY OF SCHEDULING WITH TIME-DEPENDENT PROCESSING TIMES

Authors: [CHENG TCE](#); DING Q; LIN BMT

Source: [EUR J OPER RES](#)
152 (1): 1-13 JAN 1 2004

Addresses: [Hong Kong Polytech Univ](#), Dept Management, Kowloon, Hong Kong, [Peoples R China](#).
[Natl Chi Nan Univ](#), Dept Informat Management, Puli, Nan Tou County, [Taiwan](#).

Field: [ENGINEERING](#)

26 **Citations:** 91 

WEB OF SCIENCE

Title: A FAST PROTOTYPING PROCESS FOR FABRICATION OF MICROFLUIDIC SYSTEMS ON SODA-LIME GLASS

Authors: [LIN CH](#); [LEE GB](#); [LIN YH](#); CHANG GL

Source: [J MICROMECHANIC MICROENGINEER](#)
11 (6): 726-732 NOV 2001

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

Field: [ENGINEERING](#)

27 **Citations:** 89 

RESEARCH FRONT

WEB OF SCIENCE

Title: DUAL BAND BANDPASS FILTERS USING EQUAL-LENGTH COUPLED-SERIAL-SHUNTED LINES AND Z-TRANSFORM TECHNIQUE

Authors: TSAI LC; HSUE CW

Source: [IEEE TRANS MICROWAVE THEORY](#)

52 (4): 1111-1117 APR 2004

Addresses: [Natl Taiwan Univ Sci & Technol](#), Dept Elect Engn, Taipei 106, [Taiwan](#).

Field: [ENGINEERING](#)

28 Citations: 89 

WEB OF SCIENCE

Title: PRINTED DOUBLE-T MONOPOLE ANTENNA FOR 2.4/5.2 GHZ DUAL-BAND WLAN OPERATIONS

Authors: KUO YL; [WONG KL](#)

Source: [IEEE TRANS ANTENNAS PROPAGAT](#)

51 (9): 2187-2192 SEP 2003

Addresses: [Natl Sun Yat Sen Univ](#), Dept Elect Engn, Kaohsiung 80424, [Taiwan](#).

Field: [ENGINEERING](#)

29 Citations: 87 

WEB OF SCIENCE

Title: FUZZY TRACKING CONTROL DESIGN FOR NONLINEAR DYNAMIC SYSTEMS VIA T-S FUZZY MODEL

Authors: [TSENG CS](#); [CHEN BS](#); [UANG HJ](#)

Source: [IEEE TRANS FUZZY SYST](#)

9 (3): 381-392 JUN 2001

Addresses: Ming Hsin Inst Technol, Dept Elect Engn, Hsinchu 30401, [Taiwan](#).
[Natl Tsing Hua Univ](#), Dept Elect Engn, Hsinchu 30043, [Taiwan](#).

Field: [ENGINEERING](#)

30 Citations: 84 

WEB OF SCIENCE

Title: IMAGE HIDING BY OPTIMAL LSB SUBSTITUTION AND GENETIC ALGORITHM

Authors: [WANG RZ](#); [LIN CF](#); [LIN JC](#)

Source: [PATT RECOG](#)

34 (3): 671-683 MAR 2001

Addresses: [Yuan Ze Univ](#), Inst Elect Engn & Comp Engn & Sci, 135 Yuan Tung Rd, Chungli 320, [Taiwan](#).
[Yuan Ze Univ](#), Inst Elect Engn & Comp Engn & Sci, Chungli 320, [Taiwan](#).
[Natl Chiao Tung Univ](#), Dept Comp & Informat Sci, Hsinchu 300, [Taiwan](#).

Field: [ENGINEERING](#)

31 **Citations:** 84 

WEB OF SCIENCE

Title: NEW CROSS-COUPLED FILTER DESIGN USING IMPROVED HAIRPIN RESONATORS

Authors: [LEE SY](#); TSAI CM

Source: [IEEE TRANS MICROWAVE THEORY](#)
48 (12): 2482-2490 DEC 2000

Addresses: [Natl Cheng Kung Univ](#), Dept Elect Engn, 1 Univ Rd, Tainan 70101, [Taiwan](#).
[Natl Cheng Kung Univ](#), Dept Elect Engn, Tainan 70101, [Taiwan](#).

Field: [ENGINEERING](#)

32 **Citations:** 83 

WEB OF SCIENCE

Title: REVIEW OF SECOND-ORDER MODELS FOR ADSORPTION SYSTEMS

Authors: [HO YS](#)

Source: [J HAZARD MATER](#)
136 (3): 681-689 AUG 25 2006

Addresses: [Taipei Med Univ](#), Sch Publ Hlth, 250 Wu Hsing St, Taipei 11014, [Taiwan](#).
[Taipei Med Univ](#), Sch Publ Hlth, Taipei 11014, [Taiwan](#).

Field: [ENGINEERING](#)

33 **Citations:** 83 

WEB OF SCIENCE

Title: A NEW REMOTE USER AUTHENTICATION SCHEME USING SMART CARDS

Authors: [HWANG MS](#); [LI LH](#)

Source: [IEEE TRANS CONSUM ELECTRON](#)
46 (1): 28-30 FEB 2000

Addresses: [Chaoyang Univ Technol](#), Dept Informat Management, 168 Gifeng E Rd, Wufeng 413, Taichung Cty, [Taiwan](#).
[Chaoyang Univ Technol](#), Dept Informat Management, Wufeng 413, Taichung Cty, [Taiwan](#).

Field: [ENGINEERING](#)

34 **Citations:** 83 

WEB OF SCIENCE

Title: OBSERVER-BASED ADAPTIVE FUZZY-NEURAL CONTROL FOR UNKNOWN NONLINEAR DYNAMICAL SYSTEMS

Authors: LEU YG; [LEE TT](#); [WANG WY](#)

Source: [IEEE TRANS SYST MAN CYBERN B](#)
29 (5): 583-591 OCT 1999

Addresses: [Natl Taiwan Univ Sci & Technol](#), Dept Elect Engn, Taipei 106, [Taiwan](#).
[Soochow Univ](#), Dept Business Math, Taipei 100, [Taiwan](#).

Field: [ENGINEERING](#)

35 Citations: 81 

WEB OF SCIENCE

Title: ELECTRICAL CHARACTERISTICS OF HIGH QUALITY LA2O3 GATE DIELECTRIC WITH EQUIVALENT OXIDE THICKNESS OF 5 ANGSTROM

Authors: [WU YH](#); YANG MY; [CHIN A](#); [CHEN WJ](#); KWEI CM

Source: [IEEE ELECTRON DEV LETT](#)
21 (7): 341-343 JUL 2000

Addresses: [Natl Chiao Tung Univ](#), Dept Elect Engn, Hsinchu 300, [Taiwan](#).
[Natl Yun Lin Polytech Inst](#), Dept Mech Mat Engn, Huwei, [Taiwan](#).

Field: [ENGINEERING](#)

36 Citations: 80 

RESEARCH FRONT

WEB OF SCIENCE

Title: ELECTROSPRAY-ASSISTED LASER DESORPTION/IONIZATION MASS SPECTROMETRY FOR DIRECT AMBIENT ANALYSIS OF SOLIDS

Authors: SHIEA J; HUANG MZ; HSU HJ; [LEE CY](#); YUAN CH; BEECH I; SUNNER J

Source: [RAPID COMMUN MASS SPECTROM](#)
19 (24): 3701-3704 2005

Addresses: [Natl Sun Yat Sen Univ](#), Dept Chem, Kaohsiung 80424, [Taiwan](#).
[Univ Portsmouth](#), Sch Pharm & Biomed Sci, Portsmouth PO1 2DT, Hants, [England](#).
[Montana State Univ](#), Dept Chem & Biochem, Bozeman, MT 59717 USA.

Field: [ENGINEERING](#)

37 Citations: 80 

WEB OF SCIENCE

Title: A TSK-TYPE RECURRENT FUZZY NETWORK FOR DYNAMIC SYSTEMS PROCESSING BY NEURAL NETWORK AND GENETIC ALGORITHMS

Authors: [JUANG CF](#)

Source: [IEEE TRANS FUZZY SYST](#)
10 (2): 155-170 APR 2002

Addresses: [Natl Chungshing Univ](#), Dept Elect Engn, Taichung 402, [Taiwan](#).

Field: [ENGINEERING](#)

38 Citations: 80 

WEB OF SCIENCE

Title: THE EFFECTS OF THICKNESS AND OPERATION TEMPERATURE ON ZNO : AL THIN FILM CO GAS SENSOR

Authors: CHANG JF; KUO HH; LEU IC; [HON MH](#)

Source: [SENSOR ACTUATOR B-CHEM](#)
84 (2-3): 258-264 MAY 15 2002

Addresses: [Natl Chung Cheng Univ](#), Dept Mat Sci & Engn, 1 Ta Hsueh Rd, Tainan 70101, [Taiwan](#).
[Natl Chung Cheng Univ](#), Dept Mat Sci & Engn, Tainan 70101, [Taiwan](#).

Field: [ENGINEERING](#)

39 Citations: 80 

WEB OF SCIENCE

Title: CLOSED-FORM SOLUTIONS FOR THE MAGNETOELECTRIC COUPLING COEFFICIENTS IN FIBROUS COMPOSITES WITH PIEZOELECTRIC AND PIEZOMAGNETIC PHASES

Authors: WU TL; [HUANG JH](#)

Source: [INT J SOLIDS STRUCT](#)
37 (21): 2981-3009 MAY 2000

Addresses: [Feng Chia Univ](#), Dept Mech Engn, Taichung 407, [Taiwan](#).
[So Taiwan Univ Technol](#), Dept Mech Engn, Automat Div, Tainan 701, [Taiwan](#).

Field: [ENGINEERING](#)

40 Citations: 80 

WEB OF SCIENCE

Title: COMPARATIVE ADSORPTION OF METAL AND DYE ON FLAKE- AND BEAD-TYPES OF CHITOSANS PREPARED FROM FISHERY WASTES

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

Source: [J HAZARD MATER](#)
73 (1): 63-75 MAR 13 2000

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

Field: [ENGINEERING](#)

