# Chemical Engineering



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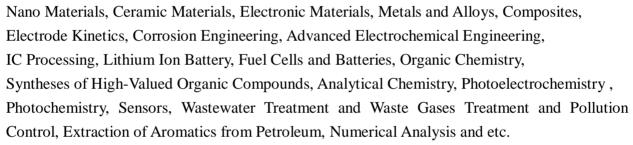
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## Research Interests:



### Recent Publications:

- (1). Chen-Feng Kao and Gin-Da Lee, 1998, Preparation and Electric Properties of Lanthanum-Tin-Zirconium Oxides by Coprecipitation Combined with High Temperature Melting, Ceramic Transactions (U.S.A), Vol. 90, pp.47-64.
- (2). Chen-Feng Kao and Chu-Ping Rou, 1998, Preparation and Electrical Properties of Lanthanum-Molybdenum Zirconium Oxides by Chemical Coprecipitation, Ceramic Transactions (U.S.A.), Vol. 90, pp87-103.
- (3). Chen-Feng Kao and Wein-Duo Yang, 1999, Preparation of Barium Strontium Titanate Powder from Citrate Precursor, Applied Organometallic Chemistry (United Kingdom), Vol. 13, pp. 383-397.
- (4). Chen-Feng Kao and Charng-Lih Jeng, 1999, Preparation and Characterization of Lanthanum Nickel Oxides by Coprecipitation Combined With Molten Salt Reactions, Ceramics International (United Kingdom), Vol.25, pp.375-382.
- (5). Chen-Feng Kao and Charng-Lih Jeng, 1999, Preparation of Lithium-Titanium Oxide by Alcohol Burning Out Process, Ceramic Transactions (USA), Vol. 94, pp. 427-439.
- (6). Chen-Feng Kao and Kou-Fang Hang, 1999, Preparation and Low-Frequency Electrical Properties of LaFeO by Chemical Coprecipitation, Ceranic Transactions (USA), Vol.100, pp.115-135.
- (7). Chen-Feng Kao and Chiao-Ling Yang, 1999, Preparation and Electrical Properties of Barium Titanate Film by Hydrothermal Method, J. European Ceramic Society (Great Britain), Vol. 19, pp. 1365-1368.

- (8). Chen-Feng Kao and Wen-Churng Lin, 1999, Liquid Equilibria of the Ternary Systems Dodecane + Butylbenzen +Sulfolane, Dodecane + 1,4-Diisopropylbenzene + Sulfolane and Dodecane + Octylbenzene + Sulfolan ,

  J. Chemical and Engineering Data, The American Chemical Society, Vol. 44, pp. 338-342.
- (9). Chen-Feng Kao and Cheng-Liang Zheng, 1999, Electrochemical Behaviour of Oxygen at Cathodic Material Nickel Nest with a Catalyst La<sub>1-x</sub>Sr<sub>x</sub>CoO<sub>3</sub>, Solid State Ionics, Vol. 120, pp. 163-171, Elsevier Science(Ireland).
- (10). Chen-Feng Kao and Wen-Churng Lin, 1999, Liquid-Liquid Equilibria of Alkane (C10-C14) + Butylbenzene +Sulfolane, J. Chemical and Engineering Data, The American Chemical Society, Vol.44, pp.803-808.
- (11).Chen-Feng Kao and Wen-Churng Lin, 1999, Liquid-Liquid Equilibria of Alkane (C10-C14) +1,4-Diisopropylbenzene + Sulfolane at 323.15, 348.15 and 373.15 K, Fluid-Phase Equilibria ,Elsevier Science(Ireland), Vol.163,pp.9-20..
- (12).Chen-Feng Kao and Wen-Churng Lin, 1999, Liquid-Liquid Equilibria of Alkane (C10-C14) + Octylbenzene +Sulfolane, Fluid-Phase Equilibria, Elsevier Science(Ireland), Vol.165,pp.67-77.
- (13). Chen-Feng Kao, 1999, Sol Preparation of Ultramicron Strontium Titanate Ceramic and Its Dielectric Properties, Chemical Engineering (The Chin I. Ch. E.) Vol. 46, No. 5, pp.24-45.
- (14). Chen-Feng Kao and Charng-Lih Jeng, 2000, Preparation and Characterisation of Lanthanum Nickel Strontium Oxides by Combined Coprecipitation and Molten Salt Reactions, Ceramics International (United Kingdom), Vol. 26, pp.237-243.
- (15). Wein-Duo Yang, Kun-Ming Hung and Chen-Feng Kao, 2000, Preparation and Dielectric Properties of Semiconducting Lanthanum-Doped Strontium Titanate Ceramics From Titanyl Citrate Precursors, Ceramics International (United Kingdom), Vol. 26, pp.475-484.
- (16).Chen-Feng Kao and Ming-Shiou Wu, 2000, Preparation and Characterization of Lithium-Manganese-Vanadium Oxide Ceramic Matrix Composites by Chemical Coprecipitation, Ceramic Transactions, Vol. 103, pp. 105-123, USA.
- (17). Chen-Feng Kao and Chiao-Ling Yang, 2000, Electrical Properties of La<sub>2</sub>O<sub>3</sub>-Doped BaTiO<sub>3</sub> From Hydrothermal Method, Ceramic Transactions, Vol. 108, pp. 481-491, USA.
- (18). Chen-Feng Kao and Chiao-Ling Yang, 2000, Synthesis and Electrical Properties of Strontium Titanate by Hydrothermal Method, Ceramic Transactions, Vol.115, pp.499-510 USA.
- (19). Chen-Feng Kao and Hun-Kai Chan, 2000, Fabrication of Strontium Silicate by Sol-Preparation Method, Processing and Fabrication of Advanced Materials VIII, pp.477-487, Singapore.
- (20). Chen-Feng Kao and Charng-Lih Jeng, 2001, Preparation and Characterization of the Lanthanum Nickel Cobalt Oxide Ceramic Matrix by Combined Coprecipitation and Molten Salt Reactions, Ceramic Transaction, Vol. 124, pp. 197-206.
- (21) Chen-Feng Kao and Su-Shieh Lee, 2002, Synthesis and Electrical Properties of Nb2O5-Doped SrSiO3 Thin-Film by Hydrothermal Method, 5th International Conference on Solvo-Thermal Reactions Program/Proceedings (USA).-
- (22) Chen-Feng Kao and Chieng-Teh Wu, 2003, Preparation and Characterization of La-In-Mg-O and La-In-Ca-O Ceramic Matrix Composites, Ceramic Transactions, Vol. 153, pp.125-138, USA.
- (23) Chen-Feng Kao and Chieng-Teh Wu, 2003, Synthesis and Electrical Properties of Super Ionic Conductor of Sr-Doped or Ra-Doped LaInQ, Ceranic Transactions, Vol. 154, pp. 245-258, USA.