

Natchanun Leepipatpiboon

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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|-------------------|-------------------------|----------------|-----------------|
| 42 papers | 2,178 citations | 22 h-index | 44 g-index |
| 44 ext. papers | 2,351 ext. citations | 5.7 avg, IF | 4.86 L-index |

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 42 | Identification of Volatile Compounds and Selection of Discriminant Markers for Elephant Dung Coffee Using Static Headspace Gas Chromatography-Mass Spectrometry and Chemometrics. <i>Molecules</i> , 2018 , 23, | 4.8 | 21 |
| 41 | Mass transfer and selective separation of neodymium ions via a hollow fiber supported liquid membrane using PC88A as extractant. <i>Journal of Industrial and Engineering Chemistry</i> , 2015 , 21, 535-541 | 6.3 | 19 |
| 40 | Effect of diluent polarity on membrane stability in the separation of trace Pd(II) from wastewater by HFSLM using LIX84-I. <i>Journal of Industrial and Engineering Chemistry</i> , 2015 , 21, 212-220 | 6.3 | 9 |
| 39 | New practical approach for using an analyte protectant for priming in routine gas chromatographic analysis. <i>Food Control</i> , 2015 , 48, 25-32 | 6.2 | 7 |
| 38 | Mass transfer resistance of simultaneous extraction and stripping of mercury(II) from petroleum produced water via HFSLM. <i>Journal of Industrial and Engineering Chemistry</i> , 2015 , 21, 1020-1028 | 6.3 | 6 |
| 37 | The role of previously unmeasured organic acids in the pathogenesis of severe malaria. <i>Critical Care</i> , 2015 , 19, 317 | 10.8 | 12 |
| 36 | Separation of amoxicillin using trioctylmethylammonium chloride via a hollow fiber supported liquid membrane: Modeling and experimental investigation. <i>Journal of Industrial and Engineering Chemistry</i> , 2015 , 23, 109-118 | 6.3 | 15 |
| 35 | Evaluation of a modified QuEChERS method for analysis of mycotoxins in rice. <i>Food Chemistry</i> , 2014 , 153, 44-51 | 8.5 | 108 |
| 34 | A simple method for the determination of bisphenol A diglycidyl ether and its derivatives in canned fish. <i>Analytical Methods</i> , 2014 , 6, 5666 | 3.2 | 14 |
| 33 | Characteristic fingerprint based on gingerol derivative analysis for discrimination of ginger (<i>Zingiber officinale</i>) according to geographical origin using HPLC-DAD combined with chemometrics. <i>Food Chemistry</i> , 2014 , 158, 101-11 | 8.5 | 99 |
| 32 | Selective Enantioseparation of Racemic Amlodipine by Biphasic Recognition Chiral Separation System. <i>Separation Science and Technology</i> , 2014 , 49, 1357-1365 | 2.5 | 6 |
| 31 | Separation of Co(II) and Mn(II) from sulphate media via a HFSLM: Reaction flux model and experimental verification. <i>Journal of Industrial and Engineering Chemistry</i> , 2014 , 20, 1532-1541 | 6.3 | 4 |
| 30 | Separation and mass transport of Nd(III) from mixed rare earths via hollow fiber supported liquid membrane: Experiment and modeling. <i>Chemical Engineering Journal</i> , 2014 , 248, 158-167 | 14.7 | 34 |
| 29 | Synergistic effect of various neutral donors in D2EHPA for selective neodymium separation from lanthanide series via HFSLM. <i>Journal of Industrial and Engineering Chemistry</i> , 2014 , 20, 4152-4162 | 6.3 | 23 |
| 28 | Thermodynamics of the solubility of 4-acetylbenzoic acid in different solvents from 303.15 to 473.15 K. <i>Journal of Molecular Liquids</i> , 2013 , 180, 252-259 | 6 | 84 |
| 27 | Enantioselective Separation of Racemic Amlodipine by Two-Phase Chiral Extraction Containing O,O'-Dibenzoyl-(2S,3S)-Tartaric Acid as Chiral Selector. <i>Separation Science and Technology</i> , 2013 , 48, 2363-2371 | 3.5 | 19 |
| 26 | Selective enantioseparation of levocetirizine via a hollow fiber supported liquid membrane and mass transfer prediction. <i>Korean Journal of Chemical Engineering</i> , 2013 , 30, 1312-1320 | 2.8 | 13 |

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| 25 | Liquid chromatographic-mass spectrometric method for simultaneous determination of small organic acids potentially contributing to acidosis in severe malaria. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013 , 941, 116-22 | 3.2 | 30 |
| 24 | Determination and modeling of aqueous solubility of 4-position substituted benzoic acid compounds in a high-temperature solution. <i>Fluid Phase Equilibria</i> , 2013 , 338, 217-223 | 2.5 | 47 |
| 23 | A Generating Function applied on a reaction model for the selective separation of Pb(II) and Hg(II) via HFSLM. <i>Journal of Membrane Science</i> , 2013 , 448, 23-33 | 9.6 | 15 |
| 22 | Enantioseparation of (S)-amlodipine from pharmaceutical industry wastewater by stripping phase recovery via HFSLM: Polarity of diluent and membrane stability investigation. <i>Separation and Purification Technology</i> , 2013 , 116, 405-414 | 8.3 | 18 |
| 21 | Measurement on the solubility of adipic acid in various solvents at high temperature and its thermodynamics parameters. <i>Fluid Phase Equilibria</i> , 2013 , 360, 332-337 | 2.5 | 37 |
| 20 | Fluid-flow models operating on linear algebra for extraction and stripping of silver ions from pharmaceutical wastewater by HFSLM. <i>Chemical Engineering Journal</i> , 2013 , 222, 361-373 | 14.7 | 25 |
| 19 | Separation of Co(II) and Ni(II) from thiocyanate media by hollow fiber supported liquid membrane containing Alamine300 as carrier Investigation on polarity of diluent and membrane stability. <i>Korean Journal of Chemical Engineering</i> , 2013 , 30, 194-200 | 2.8 | 22 |
| 18 | Synergistic Enantioseparation of Rac-Phenylalanine via Hollow Fiber Supported Liquid Membrane. <i>Separation Science and Technology</i> , 2013 , 48, 867-876 | 2.5 | 10 |
| 17 | Mass transport modeling and analysis on the mutual separation of lanthanum(III) and cerium(IV) through a hollow fiber supported liquid membrane. <i>Journal of Industrial and Engineering Chemistry</i> , 2012 , 18, 1606-1611 | 6.3 | 24 |
| 16 | The selective separation of (S)-amlodipine via a hollow fiber supported liquid membrane: Modeling and experimental verification. <i>Chemical Engineering Journal</i> , 2012 , 180, 299-308 | 14.7 | 41 |
| 15 | Mass transfer modeling on the separation of tantalum and niobium from dilute hydrofluoric media through a hollow fiber supported liquid membrane. <i>Journal of Alloys and Compounds</i> , 2011 , 509, 9549-9557 | 5.7 | 22 |
| 14 | Innovative approach to enhance uranium ion flux by consecutive extraction via hollow fiber supported liquid membrane. <i>Journal of Industrial and Engineering Chemistry</i> , 2011 , 17, 647-650 | 6.3 | 12 |
| 13 | Fast, low-pressure gas chromatography triple quadrupole tandem mass spectrometry for analysis of 150 pesticide residues in fruits and vegetables. <i>Journal of Chromatography A</i> , 2011 , 1218, 7039-50 | 4.5 | 95 |
| 12 | Simultaneous determination of multi-class antibiotic residues in water using carrier-mediated hollow-fiber liquid-phase microextraction coupled with ultra-high performance liquid chromatography tandem mass spectrometry. <i>Mikrochimica Acta</i> , 2011 , 172, 39-49 | 5.8 | 47 |
| 11 | Comparison of QuEChERS sample preparation methods for the analysis of pesticide residues in fruits and vegetables. <i>Journal of Chromatography A</i> , 2010 , 1217, 2548-60 | 4.5 | 606 |
| 10 | High throughput analysis of 150 pesticides in fruits and vegetables using QuEChERS and low-pressure gas chromatography-time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2010 , 1217, 6692-703 | 4.5 | 180 |
| 9 | Reduction of concentration polarization at feeding interphase of a hollow fiber supported liquid membrane by using periodic operation. <i>Korean Journal of Chemical Engineering</i> , 2009 , 26, 765-769 | 2.8 | 10 |
| 8 | Cadmium-tolerance of transgenic Ipomoea aquatica expressing serine acetyltransferase and cysteine synthase. <i>Plant Biotechnology</i> , 2008 , 25, 201-203 | 1.3 | 9 |

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| 7 | Isolation and characterization of arsenite-oxidizing bacteria from arsenic-contaminated soils in Thailand. <i>World Journal of Microbiology and Biotechnology</i> , 2008 , 24, 3091-3096 | 4.4 | 22 |
| 6 | Rapid determination of phenoxy acid residues in rice by modified QuEChERS extraction and liquid chromatography-tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2008 , 626, 10-20 | 6.6 | 166 |
| 5 | Micro-scale membrane extraction of glyphosate and aminomethylphosphonic acid in water followed by high-performance liquid chromatography and post-column derivatization with fluorescence detector. <i>Journal of Chromatography A</i> , 2008 , 1189, 483-92 | 4.5 | 37 |
| 4 | Comparison of resolution in microemulsion EKC and MEKC employing suppressed electroosmosis: application to bisphenol-A-diglycidyl ether and its derivatives. <i>Electrophoresis</i> , 2007 , 28, 3705-11 | 3.6 | 12 |
| 3 | Validation of a liquid chromatography-mass spectrometry multi-residue method for the simultaneous determination of sulfonamides, tetracyclines, and pyrimethamine in milk. <i>Journal of Chromatography A</i> , 2007 , 1140, 147-56 | 4.5 | 101 |
| 2 | Solid-phase extraction for multiresidue determination of sulfonamides, tetracyclines, and pyrimethamine in Bovine milk. <i>Journal of Chromatography A</i> , 2007 , 1149, 102-11 | 4.5 | 66 |
| 1 | Simultaneous determination of bisphenol-A-diglycidyl ether, bisphenol-F-diglycidyl ether, and their derivatives in oil-in-water and aqueous-based canned foods by high-performance liquid chromatography with fluorescence detection. <i>Journal of Chromatography A</i> , 2005 , 1073, 331-9 | 4.5 | 41 |