

Kus Hidajat

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/145042/publications.pdf>

Version: 2024-02-01

124
papers

8,814
citations

36271

51
h-index

42364

92
g-index

125
all docs

125
docs citations

125
times ranked

9502
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Functionalized SBA-15 Materials as Carriers for Controlled Drug Delivery: Influence of Surface Properties on Matrix-Drug Interactions. <i>Langmuir</i> , 2005, 21, 9568-9575. | 1.6 | 606 |
| 2 | Fe ₃ O ₄ /cyclodextrin polymer nanocomposites for selective heavy metals removal from industrial wastewater. <i>Carbohydrate Polymers</i> , 2013, 91, 322-332. | 5.1 | 538 |
| 3 | A new class of hybrid mesoporous materials with functionalized organic monolayers for selective adsorption of heavy metal ions. <i>Chemical Communications</i> , 2000, , 1145-1146. | 2.2 | 533 |
| 4 | Carboxymethyl- β -cyclodextrin conjugated magnetic nanoparticles as nano-adsorbents for removal of copper ions: Synthesis and adsorption studies. <i>Journal of Hazardous Materials</i> , 2011, 185, 1177-1186. | 6.5 | 483 |
| 5 | Core-shell structured catalysts for thermocatalytic, photocatalytic, and electrocatalytic conversion of CO ₂ . <i>Chemical Society Reviews</i> , 2020, 49, 2937-3004. | 18.7 | 479 |
| 6 | Silica-Ceria sandwiched Ni core-shell catalyst for low temperature dry reforming of biogas: Coke resistance and mechanistic insights. <i>Applied Catalysis B: Environmental</i> , 2018, 230, 220-236. | 10.8 | 370 |
| 7 | Adsorption of bovine serum albumin on nanosized magnetic particles. <i>Journal of Colloid and Interface Science</i> , 2004, 271, 277-283. | 5.0 | 291 |
| 8 | Bimetallic Ni-Cu catalyst supported on CeO ₂ for high-temperature water-gas shift reaction: Methane suppression via enhanced CO adsorption. <i>Journal of Catalysis</i> , 2014, 314, 32-46. | 3.1 | 268 |
| 9 | Synthesis of carboxymethyl- β -cyclodextrin conjugated magnetic nano-adsorbent for removal of methylene blue. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2010, 367, 85-95. | 2.3 | 208 |
| 10 | Adsorption of chiral aromatic amino acids onto carboxymethyl- β -cyclodextrin bonded Fe ₃ O ₄ /SiO ₂ core-shell nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2011, 354, 483-492. | 5.0 | 155 |
| 11 | Promotional effect of Fe on perovskite La _{1-x} Ni _x Fe _{1-x} O ₃ catalyst for hydrogen production via steam reforming of toluene. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 5525-5534. | 3.8 | 142 |
| 12 | Perovskite La _{1-x} M _{1-x} Ni _{0.8} Fe _{0.2} O ₃ catalyst for steam reforming of toluene: Crucial role of alkaline earth metal at low steam condition. <i>Applied Catalysis B: Environmental</i> , 2014, 148-149, 231-242. | 10.8 | 133 |
| 13 | Ionically modified magnetic nanomaterials for arsenic and chromium removal from water. <i>Chemical Engineering Journal</i> , 2013, 225, 607-615. | 6.6 | 132 |
| 14 | Multiobjective optimization of SMB and varicol process for chiral separation. <i>AIChE Journal</i> , 2002, 48, 2800-2816. | 1.8 | 130 |
| 15 | pH-Controllable drug release using hydrogel encapsulated mesoporous silica. <i>Chemical Communications</i> , 2007, , 4396. | 2.2 | 124 |
| 16 | A crucial role of surface oxygen mobility on nanocrystalline Y ₂ O ₃ support for oxidative steam reforming of ethanol to hydrogen over Ni/Y ₂ O ₃ catalysts. <i>Applied Catalysis B: Environmental</i> , 2008, 81, 303-312. | 10.8 | 122 |
| 17 | Thermosensitive-polymer-coated magnetic nanoparticles: Adsorption and desorption of Bovine Serum Albumin. <i>Journal of Colloid and Interface Science</i> , 2006, 304, 1-8. | 5.0 | 119 |
| 18 | Determination of adsorption and kinetic parameters for methyl acetate esterification and hydrolysis reaction catalyzed by Amberlyst 15. <i>Applied Catalysis A: General</i> , 2004, 260, 191-205. | 2.2 | 102 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Role of lattice oxygen in methane activation on Ni-phyllsilicate@Ce _{1-x} Zr _x O ₂ core-shell catalyst for methane dry reforming: Zr doping effect, mechanism, and kinetic study. Applied Catalysis B: Environmental, 2021, 290, 119998. | 10.8 | 100 |
| 20 | Recent progress on layered double hydroxide (LDH) derived metal-based catalysts for CO ₂ conversion to valuable chemicals. Catalysis Today, 2020, 356, 490-513. | 2.2 | 98 |
| 21 | Experimental study of a simulated counter-current adsorption system—III. Sorbex operation. Chemical Engineering Science, 1985, 40, 1411-1417. | 1.9 | 94 |
| 22 | Effect of ZrO ₂ Loading on the Structure, Acidity, and Catalytic Activity of the SO ₄ ²⁻ /ZrO ₂ /MCM-41 Acid Catalyst. Journal of Catalysis, 2002, 205, 318-331. | 3.1 | 91 |
| 23 | LaNiO ₃ perovskite catalyst precursor for rapid decomposition of methane: Influence of temperature and presence of H ₂ in feed stream. Catalysis Today, 2011, 171, 24-35. | 2.2 | 91 |
| 24 | Role of catalyst support over Pd@NiO catalysts on catalyst activity and stability for oxy-CO ₂ reforming of methane. Applied Catalysis A: General, 2011, 402, 176-187. | 2.2 | 88 |
| 25 | Mechanism and kinetic modeling for steam reforming of toluene on La _{0.8} Sr _{0.2} Ni _{0.8} Fe _{0.2} O ₃ catalyst. AIChE Journal, 2014, 60, 4190-4198. | 1.8 | 83 |
| 26 | Thermosensitive polymer (N-isopropylacrylamide) coated nanomagnetic particles: Preparation and characterization. Colloids and Surfaces B: Biointerfaces, 2007, 55, 51-58. | 2.5 | 82 |
| 27 | β-Cyclodextrin conjugated magnetic, fluorescent silica core-shell nanoparticles for biomedical applications. Carbohydrate Polymers, 2013, 95, 449-457. | 5.1 | 79 |
| 28 | Optimal design and operation of SMB bioreactor: production of high fructose syrup by isomerization of glucose. Biochemical Engineering Journal, 2004, 21, 111-121. | 1.8 | 77 |
| 29 | Conformational change of adsorbed and desorbed bovine serum albumin on nano-sized magnetic particles. Colloids and Surfaces B: Biointerfaces, 2004, 33, 15-21. | 2.5 | 71 |
| 30 | Ultra-thin ($\approx 1\mu\text{m}$) internally-coated Pd@Ag alloy hollow fiber membrane with superior thermal stability and durability for high temperature H ₂ separation. Journal of Membrane Science, 2014, 452, 127-142. | 4.1 | 71 |
| 31 | Enantioselective separation of chiral aromatic amino acids with surface functionalized magnetic nanoparticles. Colloids and Surfaces B: Biointerfaces, 2013, 105, 267-277. | 2.5 | 68 |
| 32 | Adsorption and catalytic combustion of aromatics on platinum-supported MCM-41 materials. Catalysis Today, 2001, 68, 255-262. | 2.2 | 67 |
| 33 | Thermosensitive polymer coated nanomagnetic particles for separation of bio-molecules. Separation and Purification Technology, 2007, 53, 164-170. | 3.9 | 67 |
| 34 | Synthesis of SO ₄ ²⁻ /ZrO ₂ /MCM-41 as a new superacid catalyst. Chemical Communications, 2000, , 2229-2230. | 2.2 | 64 |
| 35 | Structure, Acidity, and Catalytic Activity of Mesoporous Acid Catalysts for the Gas-Phase Synthesis of MTBE from MeOH and ButOH. Journal of Catalysis, 2002, 209, 433-444. | 3.1 | 63 |
| 36 | Ultra thin Pd membrane on γ-Al ₂ O ₃ hollow fiber by electroless plating: High permeance and selectivity. Journal of Membrane Science, 2006, 284, 110-119. | 4.1 | 63 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 37 | Simple Hydrothermal Synthesis of Nanostructured and Nanorod Zn ²⁺ /Al Complex Oxides as Novel Nanocatalysts. <i>Advanced Materials</i> , 2004, 16, 541-545. | 11.1 | 62 |
| 38 | Anti-coking Ni/SiO ₂ Catalyst for Dry Reforming of Methane: Role of Oleylamine/Oleic Acid Organic Pair. <i>ChemCatChem</i> , 2015, 7, 4188-4196. | 1.8 | 62 |
| 39 | Adsorption and desorption of lysozyme on nano-sized magnetic particles and its conformational changes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2004, 35, 169-174. | 2.5 | 61 |
| 40 | Adsorptive removal of emerging contaminants from water using superparamagnetic Fe ₃ O ₄ nanoparticles bearing aminated β -cyclodextrin. <i>Journal of Environmental Chemical Engineering</i> , 2013, 1, 122-130. | 3.3 | 61 |
| 41 | K-doped LaNiO ₃ perovskite for high-temperature water-gas shift of reformat gas: Role of potassium on suppressing methanation. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 9840-9857. | 3.8 | 61 |
| 42 | Structure, morphology, and catalytic activity of β zeolite synthesized in a fluoride medium for asymmetric hydrogenation. <i>Journal of Catalysis</i> , 2003, 219, 74-84. | 3.1 | 60 |
| 43 | Highly Dispersed Ni/Silica by Carbonization-calcination of a Chelated Precursor for Coke-Free Dry Reforming of Methane. <i>ACS Applied Energy Materials</i> , 2020, 3, 7719-7735. | 2.5 | 60 |
| 44 | Synthesis of nano-SnO ₂ /SBA-15 composite as a highly sensitive semiconductor oxide gas sensor. <i>Materials Letters</i> , 2008, 62, 1441-1443. | 1.3 | 58 |
| 45 | Improvement of the hydrothermal stability of fluorinated MCM-41 material. <i>Materials Letters</i> , 2000, 42, 102-107. | 1.3 | 56 |
| 46 | Role of lattice oxygen in oxidative steam reforming of toluene as a tar model compound over Ni/La _{0.8} Sr _{0.2} AlO ₃ catalyst. <i>Catalysis Science and Technology</i> , 2015, 5, 3585-3597. | 2.1 | 56 |
| 47 | Comparative study of flow schemes for a simulated countercurrent adsorption separation process. <i>AIChE Journal</i> , 1992, 38, 1744-1750. | 1.8 | 54 |
| 48 | Synthesis and characterization of β -cyclodextrin-conjugated magnetic nanoparticles and their uses as solid-phase artificial chaperones in refolding of carbonic anhydrase bovine. <i>Journal of Colloid and Interface Science</i> , 2010, 346, 337-346. | 5.0 | 54 |
| 49 | Pd-Ni catalyst over spherical nanostructured Y ₂ O ₃ support for oxy-CO ₂ reforming of methane: Role of surface oxygen mobility. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 12227-12238. | 3.8 | 54 |
| 50 | Oxidative decomposition of naphthalene by supported metal catalysts. <i>Applied Catalysis A: General</i> , 2003, 250, 341-352. | 2.2 | 53 |
| 51 | Application of Simulated Countercurrent Moving-Bed Chromatographic Reactor for MTBE Synthesis. <i>Industrial & Engineering Chemistry Research</i> , 2001, 40, 5305-5316. | 1.8 | 52 |
| 52 | Co-production of hydrogen and carbon nanofibers from catalytic decomposition of methane over LaNi _{1-x} M _x O ₃ perovskite (where M=Co, Fe and X=O, 0.2, 0.5, 0.8, 1). <i>International Journal of Hydrogen Energy</i> , 2015, 40, 13399-13411. | 3.8 | 52 |
| 53 | Optimization of reactive SMB and Varicol systems. <i>Computers and Chemical Engineering</i> , 2003, 27, 1883-1901. | 2.0 | 50 |
| 54 | Adsorption, desorption, and conformational changes of lysozyme from thermosensitive nanomagnetic particles. <i>Journal of Colloid and Interface Science</i> , 2008, 320, 15-21. | 5.0 | 50 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | Enhancing performance of Ni/La ₂ O ₃ catalyst by Sr-modification for steam reforming of toluene as model compound of biomass tar. RSC Advances, 2015, 5, 17834-17842. | 1.7 | 49 |
| 56 | Evaluation of Equilibrium and Kinetic Parameters of Smaller Molecular Size Amino Acids on KX Zeolite Crystals via Liquid Chromatographic Techniques. Separation Science and Technology, 1989, 24, 581-597. | 1.3 | 48 |
| 57 | Microporosity of SBA-3 mesoporous molecular sieves. Microporous and Mesoporous Materials, 2004, 75, 231-235. | 2.2 | 48 |
| 58 | Optimal Operation of an Industrial-Scale Parex Process for the Recovery of p-Xylene from a Mixture of C8 Aromatics. Industrial & Engineering Chemistry Research, 2005, 44, 5703-5714. | 1.8 | 48 |
| 59 | Synthesis, characterization and sensing properties of nano-SnO ₂ supported on SBA-15 as highly sensitive semiconductor gas sensors. Journal of Materials Chemistry, 2009, 19, 292-298. | 6.7 | 45 |
| 60 | Catalytic Biomass Gasification to Syngas Over Highly Dispersed Lanthanum-Doped Nickel on SBA-15. ChemCatChem, 2015, 7, 3376-3385. | 1.8 | 44 |
| 61 | Triple-layer catalytic hollow fiber membrane reactor for hydrogen production. Journal of Membrane Science, 2016, 514, 1-14. | 4.1 | 43 |
| 62 | Multiobjective Optimization of Simulated Countercurrent Moving Bed Chromatographic Reactor (SCMCR) for MTBE Synthesis. Industrial & Engineering Chemistry Research, 2002, 41, 3213-3232. | 1.8 | 42 |
| 63 | Modeling, Simulation, and Experimental Study of a Simulated Moving Bed Reactor for the Synthesis of Methyl Acetate Ester. Industrial & Engineering Chemistry Research, 2003, 42, 6743-6754. | 1.8 | 42 |
| 64 | Optimal design and operation of SMB bioreactor for sucrose inversion. Chemical Engineering Journal, 2005, 108, 19-33. | 6.6 | 42 |
| 65 | Determination of Adsorption and Kinetic Parameters for Methyl tert-Butyl Ether Synthesis from tert-Butyl Alcohol and Methanol. Journal of Catalysis, 2001, 200, 209-221. | 3.1 | 40 |
| 66 | Optimization of Simulated Moving Bed and Varicol Processes for Glucose-Fructose Separation. Chemical Engineering Research and Design, 2003, 81, 549-567. | 2.7 | 38 |
| 67 | High catalytic stability of Pd-Ni/Y ₂ O ₃ formed by interfacial Cl for oxy-CO ₂ reforming of CH ₄ . Catalysis Today, 2017, 281, 276-294. | 2.2 | 36 |
| 68 | Selective and sequential adsorption of bovine serum albumin and lysozyme from a binary mixture on nanosized magnetic particles. Journal of Colloid and Interface Science, 2005, 281, 11-17. | 5.0 | 35 |
| 69 | overflow= scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tbl="http://www.elsevier.com/xml/common/table/dtd" | 1.9 | 35 |
| 70 | Application of Multiobjective Optimization in the Design and Operation of Reactive SMB and Its Experimental Verification. Industrial & Engineering Chemistry Research, 2003, 42, 6823-6831. | 1.8 | 32 |
| 71 | Reaction study of auto thermal steam reforming of methanol to hydrogen using a novel nano CuZnAl-catalyst. Journal of Power Sources, 2004, 131, 91-95. | 4.0 | 31 |
| 72 | Optimal operation of a Pseudo-SMB process for ternary separation under non-ideal conditions. Separation and Purification Technology, 2006, 51, 387-403. | 3.9 | 31 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | Highly Active and Stable Bimetallic Nickel-Copper Core-Ceria Shell Catalyst for High-Temperature Water-Gas Shift Reaction. <i>ChemCatChem</i> , 2015, 7, 3358-3367. | 1.8 | 31 |
| 74 | Oxidative Coupling of Methane in a Solid Oxide Membrane Reactor. <i>Industrial & Engineering Chemistry Research</i> , 1997, 36, 3576-3582. | 1.8 | 29 |
| 75 | Sulfur resistant $\text{La}_{1-x}\text{Ce}_x\text{Ni}_{0.5}\text{Cu}_{0.5}\text{O}_{3-y}$ catalysts for an ultra-high temperature water gas shift reaction. <i>Catalysis Science and Technology</i> , 2016, 6, 6569-6580. | 2.1 | 29 |
| 76 | Highly dispersed nickel catalysts via a facile pyrolysis generated protective carbon layer. <i>Chemical Communications</i> , 2019, 55, 6074-6077. | 2.2 | 29 |
| 77 | Multi-objective optimization of simulated moving bed and Varicol processes for enantio-separation of racemic pindolol. <i>Separation and Purification Technology</i> , 2009, 65, 311-321. | 3.9 | 27 |
| 78 | Combining the advantages of homogeneous and heterogeneous catalysis: rhodium complex on functionalized MCM-41 for the hydrogenation of arenes. <i>Journal of Molecular Catalysis A</i> , 2001, 168, 303-306. | 4.8 | 26 |
| 79 | Optimization of reactive simulated moving bed and Varicol systems for hydrolysis of methyl acetate. <i>Chemical Engineering Journal</i> , 2005, 112, 57-72. | 6.6 | 26 |
| 80 | Modified reactive SMB for production of high concentrated fructose syrup by isomerization of glucose to fructose. <i>Biochemical Engineering Journal</i> , 2007, 35, 341-351. | 1.8 | 26 |
| 81 | Selective recognition and separation of nucleosides using carboxymethyl- β -cyclodextrin functionalized hybrid magnetic nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012, 92, 223-231. | 2.5 | 26 |
| 82 | The roles of Cu, Zn and Mn in $\text{Cu}_0.5\text{Zn}_0.5\text{Mn}_2\text{O}_4$ spinel-lattice catalyst for methanol decomposition. <i>Catalysis Today</i> , 2008, 131, 188-196. | 2.2 | 25 |
| 83 | Preparation of M41S family mesoporous silica thin films on porous oxides. <i>Microporous and Mesoporous Materials</i> , 2005, 82, 87-97. | 2.2 | 24 |
| 84 | Improvement of the Hydrothermal Stability of Siliceous MCM-48 by Fluorination. <i>Chemistry Letters</i> , 2001, 30, 654-655. | 0.7 | 23 |
| 85 | Supercritical fluid extraction of the organic template from synthesized porous materials: effect of pore size. <i>Journal of Supercritical Fluids</i> , 2005, 35, 40-48. | 1.6 | 23 |
| 86 | Comparative Study of Modified Simulated Moving Bed Systems at Optimal Conditions for the Separation of Ternary Mixtures under Nonideal Conditions. <i>Industrial & Engineering Chemistry Research</i> , 2006, 45, 3902-3915. | 1.8 | 22 |
| 87 | Determination of competitive adsorption isotherm parameters of pindolol enantiomers on β -1-acid glycoprotein chiral stationary phase. <i>Journal of Chromatography A</i> , 2006, 1131, 176-184. | 1.8 | 22 |
| 88 | Interfacial mass transfer in extraction of amino acid by aliquat 336 in organic phase. <i>Journal of Chemical Technology and Biotechnology</i> , 1990, 48, 415-426. | 1.6 | 22 |
| 89 | Optimal operating mode for enantioseparation of SB-553261 racemate based on simulated moving bed technology. <i>Biotechnology and Bioengineering</i> , 2004, 87, 704-722. | 1.7 | 21 |
| 90 | Experimental and modeling studies on the transient behavior of a simulated countercurrent adsorber. <i>Journal of Chemical Engineering of Japan</i> , 1991, 24, 614-621. | 0.3 | 18 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 91 | Reversed-Phase HPLC: The Separation Method for the Characterization and Purification of Long Chain Polyunsaturated Fatty Acids–A Review. <i>Journal of Chromatographic Science</i> , 1995, 33, 9-21. | 0.7 | 18 |
| 92 | Naphthalene Oxidation over 1%Pt and 5%Co/ β -Al ₂ O ₃ Catalysts: Reaction Intermediates and Possible Pathways. <i>Catalysis Letters</i> , 2004, 96, 87-96. | 1.4 | 18 |
| 93 | Improved performance for continuous separation of 1,1'-bi-2-naphthol racemate based on simulated moving bed technology. <i>Separation and Purification Technology</i> , 2005, 46, 168-191. | 3.9 | 17 |
| 94 | High quality mesoporous materials prepared by supercritical fluid extraction: effect of curing treatment on their structural stability. <i>Microporous and Mesoporous Materials</i> , 2005, 80, 157-163. | 2.2 | 17 |
| 95 | Preparation of Supported Mesoporous Thin Films Concerning Template Removal by Supercritical Fluid Extraction. <i>Langmuir</i> , 2005, 21, 1171-1174. | 1.6 | 17 |
| 96 | Extraction of cationic surfactant templates from mesoporous materials by CHOH-modified CO supercritical fluid. <i>Talanta</i> , 2005, 66, 943-951. | 2.9 | 15 |
| 97 | Comparative Study of Modified Simulated Moving Bed Systems at Optimal Conditions for the Separation of Ternary Mixtures of Xylene Isomers. <i>Industrial & Engineering Chemistry Research</i> , 2006, 45, 6251-6265. | 1.8 | 15 |
| 98 | Surface Functionalized Nano-Magnetic Particles for Wastewater Treatment: Adsorption and Desorption of Mercury. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 905-908. | 0.9 | 15 |
| 99 | An experimental study of oxidative coupling of methane in a solid oxide fuel cell with 1 wt%Sr/La ₂ O ₃ -Bi ₂ O ₃ -Ag-YSZ membrane. <i>Korean Journal of Chemical Engineering</i> , 1998, 15, 469-473. | 1.2 | 13 |
| 100 | Optimal operation of reactive simulated moving bed and Varicol systems. <i>Journal of Chemical Technology and Biotechnology</i> , 2003, 78, 287-293. | 1.6 | 12 |
| 101 | Synthesis of Y ₂ O ₃ Nanocrystals and the Effect of Nanocrystalline Y ₂ O ₃ Supports on Ni/Y ₂ O ₃ Catalysts for Oxidative Steam Reforming of Ethanol. <i>Chemistry Letters</i> , 2006, 35, 1308-1309. | 0.7 | 12 |
| 102 | Formation of mesoporous silica thin films on oxide substrates by casting. <i>Microporous and Mesoporous Materials</i> , 2006, 88, 254-265. | 2.2 | 12 |
| 103 | Multiobjective Optimization of Simulated Moving Bed Reactor and its Modification " Varicol Process. <i>Canadian Journal of Chemical Engineering</i> , 2004, 82, 590-598. | 0.9 | 12 |
| 104 | Multicomponent separation using a column-switching chromatographic method. <i>AIChE Journal</i> , 1994, 40, 1843-1849. | 1.8 | 10 |
| 105 | Interfacial mass transfer in stripping of phenylalanine in a liquid-liquid extraction process. <i>Journal of Chemical Technology and Biotechnology</i> , 2007, 53, 353-357. | 1.6 | 9 |
| 106 | Extraction of 2-hydroxyphenol by surfactant coated nanosized magnetic particles. <i>Korean Journal of Chemical Engineering</i> , 2003, 20, 896-901. | 1.2 | 7 |
| 107 | Liquid chromatographic studies for essential fatty acids on a commercial alkyl phenyl bonded silica column. <i>Chromatographia</i> , 1993, 35, 399-402. | 0.7 | 6 |
| 108 | Reversed Phase High Performance Liquid Chromatographic Studies for Homologous Series of Polyunsaturated Fatty Acids on a Commercial μ Bondapak Free Fatty Acid Column. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1993, 16, 527-540. | 0.9 | 6 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 109 | Preparative-scale liquid chromatographic separation of ω -3 fatty acids from fish oil sources. <i>Journal of Chromatography A</i> , 1995, 702, 215-221. | 1.8 | 6 |
| 110 | Electrochemically assisted metal uptake by cation exchange based chemically modified electrodes. <i>Journal of Applied Electrochemistry</i> , 1994, 24, 548-553. | 1.5 | 5 |
| 111 | Formation of Integrated MCM-41 Mesostructure in Fluoride Medium: An Improvement of Hydrothermal Stability. <i>Studies in Surface Science and Catalysis</i> , 2000, , 49-56. | 1.5 | 5 |
| 112 | Interphase fluid-particle mass transport at low Reynolds numbers. <i>Catalysis Letters</i> , 1995, 30, 213-217. | 1.4 | 4 |
| 113 | H3PW12O40-supported MCM-41 acid catalyst for the gas-phase synthesis of MTBE. <i>Studies in Surface Science and Catalysis</i> , 2004, , 2915-2922. | 1.5 | 4 |
| 114 | Novel nanocrystalline Ga ϵ Al ϵ Zn complex oxide: catalyst for simultaneous treatment of NPAC and lean NOx. <i>Catalysis Today</i> , 2004, 98, 387-392. | 2.2 | 3 |
| 115 | Effect of surface functional groups on adsorption and release of bovine serum albumin on SBA-15. <i>Studies in Surface Science and Catalysis</i> , 2007, 165, 471-474. | 1.5 | 3 |
| 116 | Enhancement of thermal and hydrothermal stability of MCM-41 by TiO ₂ deposition. <i>Studies in Surface Science and Catalysis</i> , 2004, 154, 856-862. | 1.5 | 2 |
| 117 | Effect of surface modifications on the adsorption and hydrothermal stability of MCM-41 material. <i>Studies in Surface Science and Catalysis</i> , 2004, 154, 453-460. | 1.5 | 2 |
| 118 | Solvent concentration dependence of solute distribution coefficient. <i>AIChE Journal</i> , 1995, 41, 1146-1152. | 1.8 | 1 |
| 119 | 06-P-26 - Mesostructural transformation in the presence of fluoride anions. <i>Studies in Surface Science and Catalysis</i> , 2001, , 205. | 1.5 | 1 |
| 120 | SYNTHESIS AND CHARACTERIZATION OF DOUBLE SURFACTANT COATED MAGNETIC PARTICLES. <i>International Journal of Nanoscience</i> , 2005, 04, 187-195. | 0.4 | 1 |
| 121 | Solvent Concentration Effects on Sorption and Diffusion of Cresols in .BETA.-Cyclodextrin-silicas.. <i>Journal of Chemical Engineering of Japan</i> , 1994, 27, 118-123. | 0.3 | 0 |
| 122 | Application of multi-objective optimization in the design of SMB in chemical process industry. <i>Computer Aided Chemical Engineering</i> , 2003, 15, 1118-1122. | 0.3 | 0 |
| 123 | Application of multiobjective optimization in the design of chiral drug separators based on SMB technology. <i>Computer Aided Chemical Engineering</i> , 2003, 14, 1145-1150. | 0.3 | 0 |
| 124 | Simple Hydrothermal Synthesis of Nanostructured and Nanorod Zn ϵ Al Complex Oxides as Novel Nanocatalysts.. <i>ChemInform</i> , 2004, 35, no. | 0.1 | 0 |