

Neil R Foster

List of Publications by Year in descending order

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129
papers

5,577
citations

76326

40
h-index

88630

70
g-index

135
all docs

135
docs citations

135
times ranked

4158
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | Precipitation of Drug Particles Using a Gas Antisolvent Process on a High-Pressure Microfluidic Platform. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 11905-11913. | 3.7 | 6 |
| 2 | Design, synthesis, and biological evaluation of novel arylcarboxamide derivatives as anti-tubercular agents. <i>RSC Advances</i> , 2020, 10, 7523-7540. | 3.6 | 24 |
| 3 | Loading of 5-fluorouracil onto Halloysite nanotubes for targeted drug delivery using a subcritical gas antisolvent process (GAS). <i>Journal of Supercritical Fluids</i> , 2020, 159, 104756. | 3.2 | 23 |
| 4 | Development of a novel continuous dense gas process for the production of residual solvent-free self-assembled nano-carriers. <i>Chemical Engineering and Processing: Process Intensification</i> , 2019, 143, 107589. | 3.6 | 2 |
| 5 | Subcritical water processing for nanopharmaceuticals. <i>Chemical Engineering and Processing: Process Intensification</i> , 2019, 140, 36-42. | 3.6 | 17 |
| 6 | Dense CO ₂ technology: Overview of recent applications for drug processing/formulation/delivery. <i>Chemical Engineering and Processing: Process Intensification</i> , 2019, 140, 64-77. | 3.6 | 17 |
| 7 | Kinase Targets for Mycolic Acid Biosynthesis in <i>Mycobacterium tuberculosis</i> . <i>Current Molecular Pharmacology</i> , 2019, 12, 27-49. | 1.5 | 15 |
| 8 | Subgram-Scale Synthesis of Biomass Waste-Derived Fluorescent Carbon Dots in Subcritical Water for Bioimaging, Sensing, and Solid-State Patterning. <i>ACS Omega</i> , 2018, 3, 13211-13218. | 3.5 | 40 |
| 9 | Solubility of Bicalutamide, Megestrol Acetate, Prednisolone, Beclomethasone Dipropionate, and Clarithromycin in Subcritical Water at Different Temperatures from 383.15 to 443.15 K. <i>Journal of Chemical & Engineering Data</i> , 2017, 62, 1139-1145. | 1.9 | 10 |
| 10 | Improving the dissolution properties of curcumin using dense gas antisolvent technology. <i>International Journal of Pharmaceutics</i> , 2017, 521, 239-248. | 5.2 | 24 |
| 11 | Efficient treatment of actual pharmaceutical wastewater by wet oxidation process in subcritical water apparatus. <i>Canadian Journal of Chemical Engineering</i> , 2017, 95, 2056-2062. | 1.7 | 6 |
| 12 | Scale $\hat{\sim}$ Up and economic evaluation of the atomized rapid injection solvent extraction process. <i>Journal of Supercritical Fluids</i> , 2017, 127, 208-216. | 3.2 | 10 |
| 13 | A green route to beclomethasone dipropionate nanoparticles via solvent anti-solvent precipitation by using subcritical water as the solvent. <i>Powder Technology</i> , 2017, 308, 200-205. | 4.2 | 19 |
| 14 | Nanonization of ciprofloxacin using subcritical water-ethanol mixture as the solvent: Solubility and precipitation parameters. <i>Powder Technology</i> , 2017, 321, 197-203. | 4.2 | 10 |
| 15 | Processing of polyphenolic composites with supercritical fluid anti-solvent technology. <i>AIP Conference Proceedings</i> , 2017, , . | 0.4 | 1 |
| 16 | Polymorphism of curcumin from dense gas antisolvent precipitation. <i>Powder Technology</i> , 2017, 305, 748-756. | 4.2 | 32 |
| 17 | Ultrafine clarithromycin nanoparticles via anti-solvent precipitation in subcritical water: Effect of operating parameters. <i>Powder Technology</i> , 2017, 305, 125-131. | 4.2 | 14 |
| 18 | Particle processing by dense gas antisolvent precipitation: ARISE scale-up. <i>Chemical Engineering Journal</i> , 2017, 308, 535-543. | 12.7 | 13 |

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| 19 | The Application of Supercritical CO ₂ Based Technology for Curcumin Particle Processing. Materials Science Forum, 2016, 864, 81-85. | 0.3 | 0 |
| 20 | Synthesis of transparent dispersion of monodispersed silver nanoparticles with excellent conductive performance using high-gravity technology. Chemical Engineering Journal, 2016, 296, 182-190. | 12.7 | 22 |
| 21 | Process intensification: Nano-carrier formation by a continuous dense gas process. Chemical Engineering Journal, 2015, 266, 320-328. | 12.7 | 7 |
| 22 | Inhalable curcumin formulations: Micronization and bioassay. Chemical Engineering Journal, 2015, 279, 799-808. | 12.7 | 25 |
| 23 | Inhalable curcumin formulations by supercritical technology. Powder Technology, 2015, 284, 289-298. | 4.2 | 35 |
| 24 | Green preparation of uniform prednisolone nanoparticles using subcritical water. Chemical Engineering Journal, 2015, 263, 20-26. | 12.7 | 15 |
| 25 | Synthesis of Monodisperse Iron Oxide Nanoparticles without Surfactants. Journal of Nanomaterials, 2014, 2014, 1-5. | 2.7 | 17 |
| 26 | A Critical Review of the Arsenic Uptake Mechanisms and Phytoremediation Potential of <i>Pteris vittata</i> . International Journal of Phytoremediation, 2014, 16, 429-453. | 3.1 | 94 |
| 27 | Solubility and Solubility Modeling of Polycyclic Aromatic Hydrocarbons in Subcritical Ethanol and Water Mixtures. Industrial & Engineering Chemistry Research, 2014, 53, 10238-10248. | 3.7 | 15 |
| 28 | Formation of Nanocarrier Systems by Dense Gas Processing. Langmuir, 2014, 30, 11046-11054. | 3.5 | 9 |
| 29 | Preparation of Silybin/Poly(vinylpyrrolidone) Nanodrugs by Using the Aerosol Solvent Extraction System for Improving Drug Solubility. Industrial & Engineering Chemistry Research, 2014, 53, 10519-10524. | 3.7 | 8 |
| 30 | Comparison of Chemical Composition, Antioxidant and Antimicrobial Activity of Lavender (<i>Lavandula</i>) Tj ETQq0 0 0 rgBT /Overlock 10 TF Bioprocess Technology, 2013, 6, 3481-3489. | 4.7 | 96 |
| 31 | Solubility of organometallic complexes in supercritical carbon dioxide: A review. Journal of Organometallic Chemistry, 2013, 724, 102-116. | 1.8 | 74 |
| 32 | Solubility and Solubility Modeling of Polycyclic Aromatic Hydrocarbons in Subcritical Water. Industrial & Engineering Chemistry Research, 2013, 52, 5806-5814. | 3.7 | 29 |
| 33 | Preparation of polystyrene/poly[2-(methoxy(2-ethylhexyloxy)phenylenevinylene)] fluorescent microspheres by miniemulsion polymerization. Polymer International, 2013, 62, 665-669. | 3.1 | 3 |
| 34 | Encapsulation of Superparamagnetic Iron Oxide Nanoparticles by the Supercritical Antisolvent Process. Australian Journal of Chemistry, 2012, 65, 40. | 0.9 | 2 |
| 35 | Antioxidant activity, yield and chemical composition of lavender essential oil extracted by supercritical CO ₂ . Journal of Supercritical Fluids, 2012, 70, 27-34. | 3.2 | 66 |
| 36 | Assessment of Bio-oil Extraction from <i>Tetraselmis chui</i> Microalgae Comparing Supercritical CO ₂ , Solvent Extraction, and Thermal Processing. Energy & Fuels, 2012, 26, 248-255. | 5.1 | 32 |

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| 37 | Lipids-based drug carrier systems by dense gas technology: A review. <i>Chemical Engineering Journal</i> , 2012, 188, 1-14. | 12.7 | 38 |
| 38 | Novel Sr ²⁺ /Zn ²⁺ /Co hexagonal ferrite nano-rods by wood-template chemical solution synthesis. <i>Materials Letters</i> , 2011, 65, 2213-2215. | 2.6 | 6 |
| 39 | Particle formation of budesonide from alcohol-modified subcritical water solutions. <i>International Journal of Pharmaceutics</i> , 2011, 405, 169-180. | 5.2 | 21 |
| 40 | Application of a dense gas technique for sterilizing soft biomaterials. <i>Biotechnology and Bioengineering</i> , 2011, 108, 1716-1725. | 3.3 | 46 |
| 41 | Effect of Calcium on Growth Performance and Essential Oil of Vetiver Grass (<i>Chrysopogon</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10713, 154-165. | 3.1 | 10 |
| 42 | Extraction of vetiver essential oil by ethanol-modified supercritical carbon dioxide. <i>Chemical Engineering Journal</i> , 2010, 165, 26-34. | 12.7 | 39 |
| 43 | The development of a dense gas solvent exchange process for the impregnation of pharmaceuticals into porous chitosan. <i>International Journal of Pharmaceutics</i> , 2010, 391, 187-196. | 5.2 | 18 |
| 44 | The solubility and solubility modelling of budesonide in pure and modified subcritical water solutions. <i>Journal of Supercritical Fluids</i> , 2010, 55, 37-42. | 3.2 | 25 |
| 45 | Impregnation of Ibuprofen into Polycaprolactone using supercritical carbon dioxide. <i>Journal of Physics: Conference Series</i> , 2010, 215, 012087. | 0.4 | 29 |
| 46 | A Green Method for Processing Polymers using Dense Gas Technology. <i>Materials</i> , 2010, 3, 3188-3203. | 2.9 | 5 |
| 47 | Solubility and Micronization of Griseofulvin in Subcritical Water. <i>Industrial & Engineering Chemistry Research</i> , 2010, 49, 3403-3410. | 3.7 | 40 |
| 48 | Solubility, Solubility Modeling, and Precipitation of Naproxen from Subcritical Water Solutions. <i>Industrial & Engineering Chemistry Research</i> , 2010, 49, 9385-9393. | 3.7 | 24 |
| 49 | Economic Incentive for Applying Vetiver Grass to Remediate Lead, Copper and Zinc Contaminated Soils. <i>International Journal of Phytoremediation</i> , 2010, 13, 47-60. | 3.1 | 28 |
| 50 | Development of a Novel Precipitation Technique for the Production of Highly Respirable Powders: The Atomized Rapid Injection for Solvent Extraction Process. <i>ACS Symposium Series</i> , 2009, , 309-347. | 0.5 | 4 |
| 51 | Response surface method applied to supercritical carbon dioxide extraction of <i>Vetiveria zizanioides</i> essential oil. <i>Chemical Engineering Journal</i> , 2009, 155, 617-626. | 12.7 | 84 |
| 52 | The Depressurization of an Expanded Solution into Aqueous Media for the Bulk Production of Liposomes. <i>Langmuir</i> , 2009, 25, 326-337. | 3.5 | 55 |
| 53 | VETIVER GRASS, <i>VETIVERIA ZIZANIOIDES</i> : A CHOICE PLANT FOR PHYTOREMEDIATION OF HEAVY METALS AND ORGANIC WASTES. <i>International Journal of Phytoremediation</i> , 2009, 11, 664-691. | 3.1 | 223 |
| 54 | Increasing the Dissolution Rate of Itraconazole Processed by Gas Antisolvent Techniques using Polyethylene Glycol as a Carrier. <i>Pharmaceutical Research</i> , 2008, 25, 1274-1289. | 3.5 | 33 |

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| 55 | Viscosity measurements on saturated gas-expanded liquid systems—Ethanol and carbon dioxide. <i>Journal of Supercritical Fluids</i> , 2008, 43, 460-468. | 3.2 | 59 |
| 56 | Viscosity measurements on saturated gas expanded liquid systems—Acetone and carbon dioxide. <i>Journal of Supercritical Fluids</i> , 2008, 47, 233-239. | 3.2 | 31 |
| 57 | Conventional and Dense Gas Techniques for the Production of Liposomes: A Review. <i>AAPS PharmSciTech</i> , 2008, 9, 798-809. | 3.3 | 209 |
| 58 | Processing of Iron Oxide Nanoparticles by Supercritical Fluids. <i>Industrial & Engineering Chemistry Research</i> , 2008, 47, 599-614. | 3.7 | 108 |
| 59 | Dense gas processing of polymeric controlled release formulations. <i>International Journal of Pharmaceutics</i> , 2007, 328, 1-11. | 5.2 | 42 |
| 60 | Viscosity measurements on gas expanded liquid systems—Methanol and carbon dioxide. <i>Journal of Supercritical Fluids</i> , 2007, 41, 148-157. | 3.2 | 72 |
| 61 | Kinetic Study of the Hydrogenation of 2-(6-Methoxy-2-naphthyl)propenoic Acid to (S)-Naproxen with Ruthenium BINAP Catalyst in Methanol. <i>Industrial & Engineering Chemistry Research</i> , 2006, 45, 1281-1290. | 3.7 | 3 |
| 62 | Micronization of cyclosporine using dense gas techniques. <i>Journal of Supercritical Fluids</i> , 2006, 37, 272-278. | 3.2 | 77 |
| 63 | Dense Gas Processing of Micron-Sized Drug Formulations Incorporating Hydroxypropylated and Methylated Beta-Cyclodextrin. <i>Pharmaceutical Research</i> , 2006, 23, 429-437. | 3.5 | 17 |
| 64 | Dense CO ₂ expanded methanol solvent system for synthesis of naproxen via enantioselective hydrogenation. <i>Journal of Supercritical Fluids</i> , 2005, 36, 127-136. | 3.2 | 23 |
| 65 | Vapor-Liquid Equilibrium for the Carbon Dioxide + Hydrogen + Methanol Ternary System. <i>Journal of Chemical & Engineering Data</i> , 2004, 49, 430-434. | 1.9 | 17 |
| 66 | Increasing Copper Indomethacin Solubility by Coprecipitation with Poly(vinylpyrrolidone) Using the Aerosol Solvent Extraction System. <i>Industrial & Engineering Chemistry Research</i> , 2004, 43, 1103-1112. | 3.7 | 14 |
| 67 | Generation of Fine Powders of Recombinant Human Deoxyribonuclease Using the Aerosol Solvent Extraction System. <i>Pharmaceutical Research</i> , 2003, 20, 2028-2035. | 3.5 | 24 |
| 68 | Application of dense gas techniques for the production of fine particles. <i>AAPS PharmSci</i> , 2003, 5, 32-38. | 1.3 | 34 |
| 69 | Inactivation of bacteria and spores by pulse electric field and high pressure CO ₂ at low temperature. <i>Biotechnology and Bioengineering</i> , 2003, 82, 118-125. | 3.3 | 108 |
| 70 | Molecular weight fractionation of poly(methyl methacrylate) using Gas Anti-Solvent techniques. <i>Polymer</i> , 2003, 44, 3477-3481. | 3.8 | 14 |
| 71 | Processing Pharmaceutical Compounds Using Dense Gas Technology. <i>Industrial & Engineering Chemistry Research</i> , 2003, 42, 6476-6493. | 3.7 | 115 |
| 72 | Micronization of Copper Indomethacin Using Gas Antisolvent Processes. <i>Industrial & Engineering Chemistry Research</i> , 2002, 41, 1993-2004. | 3.7 | 49 |

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| 73 | Mathematical representation of solute solubility in supercritical carbon dioxide using empirical expressions. <i>Journal of Supercritical Fluids</i> , 2002, 24, 19-35. | 3.2 | 166 |
| 74 | Recent Applications of Supercritical Fluid Technology to Pharmaceutical Powder Systems. <i>KONA Powder and Particle Journal</i> , 2001, 19, 57-70. | 1.7 | 10 |
| 75 | Current issues relating to anti-solvent micronisation techniques and their extension to industrial scales. <i>Journal of Supercritical Fluids</i> , 2001, 21, 159-177. | 3.2 | 94 |
| 76 | Fractionation of soybean proteins with pressurized carbon dioxide as a volatile electrolyte. <i>Biotechnology and Bioengineering</i> , 2001, 73, 1-11. | 3.3 | 30 |
| 77 | Carbon Dioxide Induced Soybean Protein Precipitation: Protein Fractionation, Particle Aggregation, and Continuous Operation. <i>Biotechnology Progress</i> , 2001, 17, 513-521. | 2.6 | 18 |
| 78 | The influence of operating conditions on the dense gas precipitation of model proteins. <i>Journal of Chemical Technology and Biotechnology</i> , 2000, 75, 29-41. | 3.2 | 56 |
| 79 | Solvent effects on the controlled dense gas precipitation of model proteins. <i>Journal of Chemical Technology and Biotechnology</i> , 2000, 75, 42-53. | 3.2 | 35 |
| 80 | Solubilities of solid mixtures in supercritical carbon dioxide: a review. <i>Journal of Supercritical Fluids</i> , 2000, 17, 111-134. | 3.2 | 173 |
| 81 | Generation of micro-particles of proteins for aerosol delivery using high pressure modified carbon dioxide. <i>Pharmaceutical Research</i> , 2000, 17, 1360-1366. | 3.5 | 82 |
| 82 | Critical Properties for Binary Mixtures of Ethane Containing Low Concentrations of n-Alkane. <i>Journal of Chemical & Engineering Data</i> , 2000, 45, 131-135. | 1.9 | 20 |
| 83 | Solvent effects on the controlled dense gas precipitation of model proteins. <i>Journal of Chemical Technology and Biotechnology</i> , 2000, 75, 42-53. | 3.2 | 1 |
| 84 | Steric Effects and Preferential Interactions in Supercritical Carbon Dioxide. <i>Industrial & Engineering Chemistry Research</i> , 1998, 37, 4190-4197. | 3.7 | 26 |
| 85 | Solubilities of Mixed Hydroxybenzoic Acid Isomers in Supercritical Carbon Dioxide. <i>Journal of Chemical & Engineering Data</i> , 1998, 43, 726-731. | 1.9 | 44 |
| 86 | Influence of Matrix Composition on the Solubility of Hydroxybenzoic Acid Isomers in Supercritical Carbon Dioxide. <i>Industrial & Engineering Chemistry Research</i> , 1996, 35, 4686-4699. | 3.7 | 63 |
| 87 | Solubility of Anti-Inflammatory Drugs in Supercritical Carbon Dioxide. <i>Journal of Chemical & Engineering Data</i> , 1996, 41, 1083-1086. | 1.9 | 148 |
| 88 | Direct partial oxidation of methane to methanol in supercritical water. <i>Journal of Supercritical Fluids</i> , 1996, 9, 99-105. | 3.2 | 38 |
| 89 | Extraction and separation of lanthanides using dense gas CO ₂ modified with tributyl phosphate and di(2-ethyl hexyl)phosphoric acid. <i>Journal of Supercritical Fluids</i> , 1996, 9, 263-272. | 3.2 | 33 |
| 90 | Predictive and Experimental Methods for the Choice of Cosolvent in the Supercritical Fluid Extraction of Pesticides. <i>ACS Symposium Series</i> , 1995, , 126-139. | 0.5 | 4 |

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| 91 | Removal of Pollutants from Solid Matrices Using Supercritical Fluids. Separation Science and Technology, 1995, 30, 1901-1915. | 2.5 | 12 |
| 92 | Solubility of Chlorinated Pesticides in Supercritical Carbon Dioxide. Journal of Chemical & Engineering Data, 1995, 40, 593-597. | 1.9 | 26 |
| 93 | Innovations in Supercritical Fluid Science and Technology. ACS Symposium Series, 1995, , 1-31. | 0.5 | 13 |
| 94 | Supercritical Adsorption and Desorption Behavior of DDT on Activated Carbon Using Carbon Dioxide. Industrial & Engineering Chemistry Research, 1995, 34, 275-282. | 3.7 | 74 |
| 95 | Solubility of DDT and 2,4-D in Supercritical Carbon Dioxide and Supercritical Carbon Dioxide Saturated with Water. Industrial & Engineering Chemistry Research, 1994, 33, 2757-2763. | 3.7 | 56 |
| 96 | Viscosity correlations for binary supercritical fluids. Industrial & Engineering Chemistry Research, 1994, 33, 681-688. | 3.7 | 45 |
| 97 | Influence of chemical modifiers on the solubility of o- and m-hydroxybenzoic acid in supercritical carbon dioxide. Industrial & Engineering Chemistry Research, 1993, 32, 1488-1497. | 3.7 | 95 |
| 98 | Polar and nonpolar cosolvent effects on the solubility of cholesterol in supercritical fluids. Industrial & Engineering Chemistry Research, 1993, 32, 2849-2853. | 3.7 | 72 |
| 99 | Chemical-physical interpretation of cosolvent effects in supercritical fluids. Industrial & Engineering Chemistry Research, 1993, 32, 1482-1487. | 3.7 | 42 |
| 100 | Solubility of cholesterol in supercritical ethane and binary gas mixtures containing ethane. Industrial & Engineering Chemistry Research, 1993, 32, 2841-2848. | 3.7 | 44 |
| 101 | Solubility of naproxen in supercritical carbon dioxide with and without cosolvents. Industrial & Engineering Chemistry Research, 1993, 32, 1471-1481. | 3.7 | 210 |
| 102 | Phase Behavior of Supercritical Fluid-Entrainer Systems. ACS Symposium Series, 1992, , 34-45. | 0.5 | 35 |
| 103 | Diffusion of phenylacetic acid and vanillin in supercritical carbon dioxide. Industrial & Engineering Chemistry Research, 1992, 31, 927-934. | 3.7 | 64 |
| 104 | Diffusion of fatty acid esters in supercritical carbon dioxide. Industrial & Engineering Chemistry Research, 1992, 31, 390-399. | 3.7 | 76 |
| 105 | Supercritical fluid fractionation of a nonionic surfactant. Industrial & Engineering Chemistry Research, 1992, 31, 1105-1110. | 3.7 | 24 |
| 106 | Solubility of fatty acid esters in supercritical carbon dioxide. Industrial & Engineering Chemistry Research, 1992, 31, 400-404. | 3.7 | 38 |
| 107 | Partial molar volumes of DHA and EPA esters in supercritical fluids. Industrial & Engineering Chemistry Research, 1991, 30, 569-574. | 3.7 | 9 |
| 108 | Diffusion coefficients of long-chain esters in supercritical carbon dioxide. Industrial & Engineering Chemistry Research, 1991, 30, 1329-1335. | 3.7 | 66 |

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| 109 | Solubility of cholesterol in supercritical carbon dioxide. <i>Industrial & Engineering Chemistry Research</i> , 1991, 30, 2476-2482. | 3.7 | 72 |
| 110 | Significance of the crossover pressure in solid-supercritical fluid phase equilibria. <i>Industrial & Engineering Chemistry Research</i> , 1991, 30, 1955-1964. | 3.7 | 174 |
| 111 | Solubility of o-hydroxybenzoic acid in supercritical carbon dioxide. <i>Industrial & Engineering Chemistry Research</i> , 1991, 30, 575-580. | 3.7 | 116 |
| 112 | Solubility of phenylacetic acid and vanillin in supercritical carbon dioxide. <i>Journal of Supercritical Fluids</i> , 1990, 3, 8-14. | 3.2 | 38 |
| 113 | Mass transfer of oxygen and methane in silicone fluids and perfluoroalkyl polyether. <i>Industrial & Engineering Chemistry Research</i> , 1990, 29, 1962-1968. | 3.7 | 8 |
| 114 | Mass transfer and solubility of oxygen and methane in silicone fluids. <i>Industrial & Engineering Chemistry Research</i> , 1990, 29, 691-696. | 3.7 | 16 |
| 115 | Critical locus and partial molar volume studies of the benzaldehyde-carbon dioxide binary system. <i>Industrial & Engineering Chemistry Research</i> , 1989, 28, 1903-1907. | 3.7 | 15 |
| 116 | Application of neutron techniques to studies of reactor fluid dynamics. <i>The Chemical Engineering Journal</i> , 1987, 34, 35-46. | 0.3 | 4 |
| 117 | Donor interactions of 1-methylindan in coal liquefaction. <i>Fuel</i> , 1985, 64, 761-766. | 6.4 | 3 |
| 118 | Initial solvation of coal with tetralin under liquefaction conditions. <i>Fuel</i> , 1985, 64, 454-456. | 6.4 | 14 |
| 119 | Tetralin decomposition in short contact time coal liquefaction. <i>Fuel</i> , 1985, 64, 457-460. | 6.4 | 19 |
| 120 | Short contact time dissolution of vitrinite and inertinite concentrates. <i>Fuel</i> , 1985, 64, 916-920. | 6.4 | 2 |
| 121 | Direct catalytic oxidation of methane to methanol – a review. <i>Applied Catalysis</i> , 1985, 19, 1-11. | 0.8 | 167 |
| 122 | Formation of pyrolytic carbon in a continuous reactor for coal hydrogenation. <i>Fuel</i> , 1984, 63, 169-173. | 6.4 | 13 |
| 123 | Simulation of chemical rate processes in short contact time coal liquefaction. <i>Fuel</i> , 1984, 63, 716-717. | 6.4 | 6 |
| 124 | Short contact time dissolution of Liddell coal. <i>Fuel</i> , 1984, 63, 66-70. | 6.4 | 6 |
| 125 | Microscopic investigation of carbonaceous material forming blockages in coal hydrogenation reactors. <i>Fuel Processing Technology</i> , 1984, 8, 267-281. | 7.2 | 3 |
| 126 | Neutron attenuation: a novel approach to residence time studies in coal hydrogenation reactors. <i>Industrial & Engineering Chemistry Fundamentals</i> , 1983, 22, 502-503. | 0.7 | 5 |

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| 127 | Isothermal studies of the liquefaction of Liddell coal. Industrial & Engineering Chemistry Product Research and Development, 1983, 22, 478-482. | 0.5 | 13 |
| 128 | MULTIRESPONSE MODELING OF THE OXIDATION OF NAPHTHALENE OVER A VANADIA CATALYST. Chemical Engineering Communications, 1982, 14, 289-305. | 2.6 | 2 |
| 129 | Catalysts, Kinetics and Reactor Design in Phthalic Anhydride Synthesis. Catalysis Reviews - Science and Engineering, 1979, 19, 211-292. | 12.9 | 248 |