

Subject Index of Volume 123

- Acid red G
Photocatalytic degradation of azo dye acid red G by KNb_3O_8 and the role of potassium in the photocatalysis, 59
- Acid Red-151
Pre-ozonation of aqueous azo dye (Acid Red-151) followed by activated sludge process, 109
- Activated alumina
Adsorption of Zn(II) from aqueous solution by using different adsorbents, 43
- Activated sludge process
Pre-ozonation of aqueous azo dye (Acid Red-151) followed by activated sludge process, 109
- Adsorption capacity
Adsorption of Zn(II) from aqueous solution by using different adsorbents, 43
- Alkali
Mechanism and prediction of bed agglomeration during fluidized bed combustion of a biomass fuel: Effect of the reactor scale, 71
- Ammonium formate
Studies in catalytic transfer hydrogenation of soybean oil using ammonium formate as donor over 5% Pd/C catalyst, 31
- AOP
Minimization of organic pollutant content in aqueous solution by means of AOPs: UV- and ozone-based technologies, 127
- AR 151 ozonation
Pre-ozonation of aqueous azo dye (Acid Red-151) followed by activated sludge process, 109
- Batch adsorption
Adsorption of Zn(II) from aqueous solution by using different adsorbents, 43
- Bed agglomeration
Mechanism and prediction of bed agglomeration during fluidized bed combustion of a biomass fuel: Effect of the reactor scale, 71
- Bimetallic catalysts
Influence of noble metals (Rh, Pd, Pt) on Co-saponite catalysts for HDS and HC of heavy oil, 15
- Bio-contact oxidation reactor
Removal of dichloromethane from waste gases with a bio-contact oxidation reactor, 103
- Biological technology
Removal of dichloromethane from waste gases with a bio-contact oxidation reactor, 103
- Biomass
Mechanism and prediction of bed agglomeration during fluidized bed combustion of a biomass fuel: Effect of the reactor scale, 71
- Borax
Kinetics of oxalic acid leaching of tincal, 25
- Catalytic transfer hydrogenation
Studies in catalytic transfer hydrogenation of soybean oil using ammonium formate as donor over 5% Pd/C catalyst, 31
- Cementation
Mass transfer correlation of simultaneous removal by cementation of nickel and cobalt from sulphate industrial solution containing copper. Part II: Onto zinc powder, 53
- Clarified sludge
Adsorption of Zn(II) from aqueous solution by using different adsorbents, 43
- Co
Influence of noble metals (Rh, Pd, Pt) on Co-saponite catalysts for HDS and HC of heavy oil, 15
- Coating
Catalyst preparation for fabrication of a MEMS fuel reformer, 93
- Cobalt
Mass transfer correlation of simultaneous removal by cementation of nickel and cobalt from sulphate industrial solution containing copper. Part II: Onto zinc powder, 53
- Computational fluid dynamics
Simplified CFD approach of a hollow fiber ultrafiltration system, 117
- Cu/ZnO catalyst
Catalyst preparation for fabrication of a MEMS fuel reformer, 93
- Dichloromethane (DCM)
Removal of dichloromethane from waste gases with a bio-contact oxidation reactor, 103
- Dissolution
Dissolution kinetics of sphalerite with hydrogen peroxide in sulphuric acid medium, 65
- Distribution factor
A new liquid distribution factor and local mass transfer coefficient in a random packed bed, 81
- Enhancement of biodegradability
Pre-ozonation of aqueous azo dye (Acid Red-151) followed by activated sludge process, 109
- Esterification
Esterification of acetic acid with isopropanol coupled with pervaporation. Part I: Kinetics and pervaporation studies, 1
Esterification of acetic acid with isopropanol coupled with pervaporation. Part II. Study of a pervaporation reactor, 9
- Fluidized bed combustion
Mechanism and prediction of bed agglomeration during fluidized bed combustion of a biomass fuel: Effect of the reactor scale, 71
- Fuel cell
Catalyst preparation for fabrication of a MEMS fuel reformer, 93
- HC
Influence of noble metals (Rh, Pd, Pt) on Co-saponite catalysts for HDS and HC of heavy oil, 15
- HDS
Influence of noble metals (Rh, Pd, Pt) on Co-saponite catalysts for HDS and HC of heavy oil, 15
- Heavy oil
Influence of noble metals (Rh, Pd, Pt) on Co-saponite catalysts for HDS and HC of heavy oil, 15
- Hollow fiber
Simplified CFD approach of a hollow fiber ultrafiltration system, 117

- Hybrid process
Esterification of acetic acid with isopropanol coupled with pervaporation.
Part II. Study of a pervaporation reactor, 9
- Hydrogen peroxide
Dissolution kinetics of sphalerite with hydrogen peroxide in sulphuric acid medium, 65
- Integrated process of chemical and biological oxidations
Pre-ozonation of aqueous azo dye (Acid Red-151) followed by activated sludge process, 109
- Isopropyl acetate
Esterification of acetic acid with isopropanol coupled with pervaporation.
Part I: Kinetics and pervaporation studies, 1
Esterification of acetic acid with isopropanol coupled with pervaporation.
Part II. Study of a pervaporation reactor, 9
- Kinetic
Mass transfer correlation of simultaneous removal by cementation of nickel and cobalt from sulphate industrial solution containing copper. Part II: Onto zinc powder, 53
- Kinetic model
Kinetics of oxalic acid leaching of tincal, 25
Dissolution kinetics of sphalerite with hydrogen peroxide in sulphuric acid medium, 65
- Layered niobate
Photocatalytic degradation of azo dye acid red G by KNb_3O_8 and the role of potassium in the photocatalysis, 59
- Leaching
Kinetics of oxalic acid leaching of tincal, 25
- Limiting current
A new liquid distribution factor and local mass transfer coefficient in a random packed bed, 81
- Linolenic
Studies in catalytic transfer hydrogenation of soybean oil using ammonium formate as donor over 5% Pd/C catalyst, 31
- Liquid distribution
A new liquid distribution factor and local mass transfer coefficient in a random packed bed, 81
- Local mass transfer
A new liquid distribution factor and local mass transfer coefficient in a random packed bed, 81
- Mass transfer
Mass transfer correlation of simultaneous removal by cementation of nickel and cobalt from sulphate industrial solution containing copper. Part II: Onto zinc powder, 53
- Methanol
Catalyst preparation for fabrication of a MEMS fuel reformer, 93
- Micro fuel reformer
Catalyst preparation for fabrication of a MEMS fuel reformer, 93
- Mineralization
Minimization of organic pollutant content in aqueous solution by means of AOPs: UV- and ozone-based technologies, 127
- Model
Simplified CFD approach of a hollow fiber ultrafiltration system, 117
- Neem bark
Adsorption of Zn(II) from aqueous solution by using different adsorbents, 43
- Nickel
Mass transfer correlation of simultaneous removal by cementation of nickel and cobalt from sulphate industrial solution containing copper. Part II: Onto zinc powder, 53
- Noble metals
Influence of noble metals (Rh, Pd, Pt) on Co-saponite catalysts for HDS and HC of heavy oil, 15
- Oxalic acid
Kinetics of oxalic acid leaching of tincal, 25
- Ozone
Minimization of organic pollutant content in aqueous solution by means of AOPs: UV- and ozone-based technologies, 127
- Palladium
Studies in catalytic transfer hydrogenation of soybean oil using ammonium formate as donor over 5% Pd/C catalyst, 31
- Patterning
Catalyst preparation for fabrication of a MEMS fuel reformer, 93
- PERVAP®
Esterification of acetic acid with isopropanol coupled with pervaporation.
Part I: Kinetics and pervaporation studies, 1
Esterification of acetic acid with isopropanol coupled with pervaporation.
Part II. Study of a pervaporation reactor, 9
- Pervaporation
Esterification of acetic acid with isopropanol coupled with pervaporation.
Part I: Kinetics and pervaporation studies, 1
Esterification of acetic acid with isopropanol coupled with pervaporation.
Part II. Study of a pervaporation reactor, 9
- Phenol
Minimization of organic pollutant content in aqueous solution by means of AOPs: UV- and ozone-based technologies, 127
- Photocatalysis
Photocatalytic degradation of azo dye acid red G by KNb_3O_8 and the role of potassium in the photocatalysis, 59
- Photocatalytic degradation
Photocatalytic degradation of azo dye acid red G by KNb_3O_8 and the role of potassium in the photocatalysis, 59
- Pine seed shells
Mechanism and prediction of bed agglomeration during fluidized bed combustion of a biomass fuel: Effect of the reactor scale, 71
- Potassium
Photocatalytic degradation of azo dye acid red G by KNb_3O_8 and the role of potassium in the photocatalysis, 59
- Potassium triniobate
Photocatalytic degradation of azo dye acid red G by KNb_3O_8 and the role of potassium in the photocatalysis, 59
- Pre-ozonation
Pre-ozonation of aqueous azo dye (Acid Red-151) followed by activated sludge process, 109
- Pressure drop
Simplified CFD approach of a hollow fiber ultrafiltration system, 117
- Reaction control process
Kinetics of oxalic acid leaching of tincal, 25
- Rice husk ash
Adsorption of Zn(II) from aqueous solution by using different adsorbents, 43
- Saponite
Influence of noble metals (Rh, Pd, Pt) on Co-saponite catalysts for HDS and HC of heavy oil, 15
- Soybean oil
Studies in catalytic transfer hydrogenation of soybean oil using ammonium formate as donor over 5% Pd/C catalyst, 31
- Sphalerite
Dissolution kinetics of sphalerite with hydrogen peroxide in sulphuric acid medium, 65
- Tincal
Kinetics of oxalic acid leaching of tincal, 25
- TPD
Influence of noble metals (Rh, Pd, Pt) on Co-saponite catalysts for HDS and HC of heavy oil, 15

- TPR
Influence of noble metals (Rh, Pd, Pt) on Co-saponite catalysts for HDS and HC of heavy oil, 15
- Ultrafiltration
Simplified CFD approach of a hollow fiber ultrafiltration system, 117
- UV irradiation
Minimization of organic pollutant content in aqueous solution by means of AOPs: UV- and ozone-based technologies, 127
- Volatile organic compound (VOC)
Removal of dichloromethane from waste gases with a bio-contact oxidation reactor, 103
- Zinc powder
Mass transfer correlation of simultaneous removal by cementation of nickel and cobalt from sulphate industrial solution containing copper. Part II: Onto zinc powder, 53
- Zn(II) removal
Adsorption of Zn(II) from aqueous solution by using different adsorbents, 43