

Subject Index

- Activation energy
Lipase-catalyzed acylation of naringin with palmitic acid in highly concentrated homogeneous solutions 26
- Acylation
Lipase-catalyzed acylation of naringin with palmitic acid in highly concentrated homogeneous solutions 26
- Beauveria*
Enantioselective benzylic microbial hydroxylation of indan and tetralin 37
- Biotransformation
Specific methylation and epoxidation of sinenxan A by *Mucor genevensis* and the multi-drug resistant tumor reversal activities of the metabolites 8
- Bjerkandera adusta*
Role of oxidizing mediators and tryptophan 172 in the decoloration of industrial dyes by the versatile peroxidase from *Bjerkandera adusta* 1
- CHMO mutants
Biotransformations with engineered *E. coli* cells expressing wild-type and mutant Baeyer–Villiger monooxygenases under non-growing conditions 32
- CLA isomers
Enzymatic fractionation of conjugated linoleic acid isomers by selective esterification 20
- CPMO mutants
Biotransformations with engineered *E. coli* cells expressing wild-type and mutant Baeyer–Villiger monooxygenases under non-growing conditions 32
- Dye
Role of oxidizing mediators and tryptophan 172 in the decoloration of industrial dyes by the versatile peroxidase from *Bjerkandera adusta* 1
- Enantiopure lactones
Biotransformations with engineered *E. coli* cells expressing wild-type and mutant Baeyer–Villiger monooxygenases under non-growing conditions 32
- Enzymatic decoloration
Role of oxidizing mediators and tryptophan 172 in the decoloration of industrial dyes by the versatile peroxidase from *Bjerkandera adusta* 1
- Enzymatic oxidation
Conversion of α -methyltropate to optically active α -phenylpropionate by tropate-degrading *Rhodococcus* sp. KU1314 14
- Enzyme stabilization
Hydrophilization of immobilized model enzymes suggests a widely applicable method for enhancing protein stability in polar organic co-solvents 43
- Fractionation
Enzymatic fractionation of conjugated linoleic acid isomers by selective esterification 20
- β -Galactosidase
Hydrophilization of immobilized model enzymes suggests a widely applicable method for enhancing protein stability in polar organic co-solvents 43
- Hydrophilization
Hydrophilization of immobilized model enzymes suggests a widely applicable method for enhancing protein stability in polar organic co-solvents 43
- 1-Indanol
Enantioselective benzylic microbial hydroxylation of indan and tetralin 37
- Lipase
Enzymatic fractionation of conjugated linoleic acid isomers by selective esterification 20
Lipase-catalyzed acylation of naringin with palmitic acid in highly concentrated homogeneous solutions 26
- Monooxygenases
Biotransformations with engineered *E. coli* cells expressing wild-type and mutant Baeyer–Villiger monooxygenases under non-growing conditions 32
- Mortierella*
Enantioselective benzylic microbial hydroxylation of indan and tetralin 37
- Mucor genevensis*
Specific methylation and epoxidation of sinenxan A by *Mucor genevensis* and the multi-drug resistant tumor reversal activities of the metabolites 8
- Nano-environment
Hydrophilization of immobilized model enzymes suggests a widely applicable method for enhancing protein stability in polar organic co-solvents 43
- Naringin
Lipase-catalyzed acylation of naringin with palmitic acid in highly concentrated homogeneous solutions 26
- Non-growing conditions
Biotransformations with engineered *E. coli* cells expressing wild-type and mutant Baeyer–Villiger monooxygenases under non-growing conditions 32
- Organic co-solvents
Hydrophilization of immobilized model enzymes suggests a widely applicable method for enhancing protein stability in polar organic co-solvents 43
- Oxidations
Biotransformations with engineered *E. coli* cells expressing wild-type and mutant Baeyer–Villiger monooxygenases under non-growing conditions 32
- Oxidizing mediator
Role of oxidizing mediators and tryptophan 172 in the decoloration of industrial dyes by the versatile peroxidase from *Bjerkandera adusta* 1
- Palmitic acid
Lipase-catalyzed acylation of naringin with palmitic acid in highly concentrated homogeneous solutions 26
- α -Phenylpropionate
Conversion of α -methyltropate to optically active α -phenylpropionate by tropate-degrading *Rhodococcus* sp. KU1314 14

Rhodococcus

Conversion of α -methyltropate to optically active α -phenylpropionate by tropate-degrading *Rhodococcus* sp. KU1314 14

Screening

Conversion of α -methyltropate to optically active α -phenylpropionate by tropate-degrading *Rhodococcus* sp. KU1314 14

Solvent stability

Hydrophilization of immobilized model enzymes suggests a widely applicable method for enhancing protein stability in polar organic co-solvents 43

Taxanes

Specific methylation and epoxidation of sinenxan A by *Mucor genevensis* and the multi-drug resistant tumor reversal activities of the metabolites 8

1-Tetralol

Enantioselective benzylic microbial hydroxylation of indan and tetralin 37

Tropate

Conversion of α -methyltropate to optically active α -phenylpropionate by tropate-degrading *Rhodococcus* sp. KU1314 14

Tryptophan

Role of oxidizing mediators and tryptophan 172 in the decoloration of industrial dyes by the versatile peroxidase from *Bjerkandera adusta* 1

Tumor MDR reversal activity

Specific methylation and epoxidation of sinenxan A by *Mucor genevensis* and the multi-drug resistant tumor reversal activities of the metabolites 8

Versatile peroxidase

Role of oxidizing mediators and tryptophan 172 in the decoloration of industrial dyes by the versatile peroxidase from *Bjerkandera adusta* 1