# Katerina Vavrova

List of Publications by Year
in descending order



| 112 | 3,509 | 126907 | 182427 |
|---|---|---|---|
| papers | citations | 33 h-index | 51 g-index |

| 112 | 112 | 112 | 4064 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Common Cosmetic Compounds Can Reduce Air Pollution-Induced Oxidative Stress and Pro-Inflammatory Response in the Skin. Skin Pharmacology and Physiology, 2022, 35, 156-165. | 2.5 | 5 |
| 2 | Research Techniques Made Simple: Lipidomic Analysis in Skin Research. Journal of Investigative Dermatology, 2022, 142, 4-11.e1. | 0.7 | 4 |
| 3 | Cholesterol sulfate fluidizes the sterol fraction of the stratum corneum lipid phase and increases its permeability. Journal of Lipid Research, 2022, 63, 100177. | 4.2 | 5 |
| 4 | Assembly of Human Stratum Corneum Lipids InÂVitro: Fluidity Matters. Journal of Investigative Dermatology, 2022, 142, 2036-2039.e3. | 0.7 | 5 |
| 5 | Ï‰-O-Acylceramides but not Ï‰-hydroxy ceramides are required for healthy lamellar phase architecture of skin barrier lipids. Journal of Lipid Research, 2022, 63, 100226. | 4.2 | 7 |
| 6 | Acidic pH Is Required for the Multilamellar Assembly of Skin Barrier Lipids InÂVitro. Journal of Investigative Dermatology, 2021, 141, 1915-1921.e4. | 0.7 | 11 |
| 7 | Transdermal Permeation and Skin Retention of Diclofenac and Etofenamate/Flufenamic Acid From Over-the-Counter Pain Relief Products. Journal of Pharmaceutical Sciences, 2021, 110, 2517-2523. | 3.3 | 6 |
| 8 | Permeation enhancers in transdermal drug delivery: benefits and limitations. Expert Opinion on Drug Delivery, 2020, 17, 145-155. | 5.0 | 203 |
| 9 | Investigation of TEMPO partitioning in different skin models as measured by EPR spectroscopy â€“ Insight into the stratum corneum. Journal of Magnetic Resonance, 2020, 310, 106637. | 2.1 | 5 |
| 10 | Effects of omega-O-acylceramide structures and concentrations in healthy and diseased skin barrier lipid membrane models. Journal of Lipid Research, 2020, 61, 219-228. | 4.2 | 26 |
| 11 | The Sphingosine and Acyl Chains of Ceramide [NS] Show Very Different Structure and Dynamics That Challenge Our Understanding of the Skin Barrier. Angewandte Chemie - International Edition, 2020, 59, 17383-17387. | 13.8 | 22 |
| 12 | Behavior of 1-Deoxy-, 3-Deoxy- and N-Methyl-Ceramides in Skin Barrier Lipid Models. Scientific Reports, 2020, 10, 3832. | 3.3 | 6 |
| 13 | Gentiana lutea Extract Modulates Ceramide Synthesis in Primary and Psoriasis-Like Keratinocytes. Molecules, 2020, 25, 1832. | 3.8 | 6 |
| 14 | Impact of intercellular crosstalk between epidermal keratinocytes and dermal fibroblasts on skin homeostasis. Biochimica Et Biophysica Acta - Molecular Cell Research, 2020, 1867, 118722. | 4.1 | 33 |
| 15 | Development of 3,5-Dinitrophenyl-Containing 1,2,4-Triazoles and Their Trifluoromethyl Analogues as Highly Efficient Antitubercular Agents Inhibiting Decaprenylphosphoryl-Î²-<scp>d</scp>-ribofuranose 2â€²-Oxidase. Journal of Medicinal Chemistry, 2019, 62, 8115-8139. | 6.4 | 37 |
| 16 | Esters of terpene alcohols as highly potent, reversible, and low toxic skin penetration enhancers. Scientific Reports, 2019, 9, 14617. | 3.3 | 45 |
| 17 | Fibroblast origin shapes tissue homeostasis, epidermal differentiation, and drug uptake. Scientific Reports, 2019, 9, 2913. | 3.3 | 41 |
| 18 | Probing the interactions among sphingosine and phytosphingosine ceramides with non- and alpha-hydroxylated acyl chains in skin lipid model membranes. International Journal of Pharmaceutics, 2019, 563, 384-394. | 5.2 | 7 |

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| 19 | Long and very long lamellar phases in model stratum corneum lipid membranes. Journal of Lipid Research, 2019, 60, 963-971. | 4.2 | 18 |
| 20 | Fluorescent Penetration Enhancers Reveal Complex Interactions among the Enhancer, Drug, Solvent, and Skin. Molecular Pharmaceutics, 2019, 16, 886-897. | 4.6 | 12 |
| 21 | Permeability and microstructure of cholesterol-depleted skin lipid membranes and human stratum corneum. Journal of Colloid and Interface Science, 2019, 535, 227-238. | 9.4 | 24 |
| 22 | Probing the role of ceramide hydroxylation in skin barrier lipid models by 2H solid-state NMR spectroscopy and X-ray powder diffraction. Biochimica Et Biophysica Acta - Biomembranes, 2018, 1860, 1162-1170. | 2.6 | 16 |
| 23 | Effects of Ceramide and Dihydroceramide Stereochemistry at C-3 on the Phase Behavior and Permeability of Skin Lipid Membranes. Langmuir, 2018, 34, 521-529. | 3.5 | 10 |
| 24 | Cellular and Metabolic Basis for the Ichthyotic Phenotype in NIPAL4 (Ichthyin)â€“Deficient Canines. American Journal of Pathology, 2018, 188, 1419-1429. | 3.8 | 19 |
| 25 | Phase I/II trial of dendritic cell-based active cellular immunotherapy with DCVAC/PCa in patients with rising PSA after primary prostatectomy or salvage radiotherapy for the treatment of prostate cancer. Cancer Immunology, Immunotherapy, 2018, 67, 89-100. | 4.2 | 36 |
| 26 | Ultrastructural and Molecular Analysis of Ribose-Induced Glycated Reconstructed Human Skin. International Journal of Molecular Sciences, 2018, 19, 3521. | 4.1 | 11 |
| 27 | Structureâ€“Activity Relationships of Nitro-Substituted Aroylhydrazone Iron Chelators with Antioxidant and Antiproliferative Activities. Chemical Research in Toxicology, 2018, 31, 435-446. | 3.3 | 5 |
| 28 | HILIC/ESI-MS determination of gangliosides and other polar lipid classes in renal cell carcinoma and surrounding normal tissues. Analytical and Bioanalytical Chemistry, 2018, 410, 6585-6594. | 3.7 | 31 |
| 29 | Phytosphingosine, sphingosine and dihydrosphingosine ceramides in model skin lipid membranes: permeability and biophysics. Biochimica Et Biophysica Acta - Biomembranes, 2017, 1859, 824-834. | 2.6 | 51 |
| 30 | Dodecyl Amino Glucoside Enhances Transdermal and Topical Drug Delivery via Reversible Interaction with Skin Barrier Lipids. Pharmaceutical Research, 2017, 34, 640-653. | 3.5 | 22 |
| 31 | Effects of 6-Hydroxyceramides on the Thermotropic Phase Behavior and Permeability of Model Skin Lipid Membranes. Langmuir, 2017, 33, 2890-2899. | 3.5 | 18 |
| 32 | Phase separation in ceramide[NP] containing lipid model membranes: neutron diffraction and solid-state NMR. Soft Matter, 2017, 13, 2107-2119. | 2.7 | 27 |
| 33 | Structure-activity relationship studies on 3,5-dinitrophenyl tetrazoles as antitubercular agents. European Journal of Medicinal Chemistry, 2017, 130, 419-432. | 5.5 | 31 |
| 34 | TSLP is a direct trigger for T cell migration in filaggrin-deficient skin equivalents. Scientific Reports, 2017, 7, 774. | 3.3 | 57 |
| 35 | Permeability and microstructure of model stratum corneum lipid membranes containing ceramides with long (C16) and very long (C24) acyl chains. Biophysical Chemistry, 2017, 224, 20-31. | 2.8 | 49 |
| 36 | Simplified stratum corneum model membranes for studying the effects of permeation enhancers. International Journal of Pharmaceutics, 2017, 534, 287-296. | 5.2 | 23 |

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| 37 | Comparison of suction blistering and tape stripping for analysis of epidermal genes, proteins and lipids. Archives of Dermatological Research, 2017, 309, 757-765. | 1.9 | 11 |
| 38 | SAMPA: A free software tool for skin and membrane permeation data analysis. Toxicology in Vitro, 2017, 44, 361-371. | 2.4 | 6 |
| 39 | Permeability Barrier and Microstructure of Skin Lipid Membrane Models of Impaired Glucosylceramide Processing. Scientific Reports, 2017, 7, 6470. | 3.3 | 21 |
| 40 | Development of water-soluble 3,5-dinitrophenyl tetrazole and oxadiazole antitubercular agents. Bioorganic and Medicinal Chemistry, 2017, 25, 5468-5476. | 3.0 | 38 |
| 41 | Galactosyl Pentadecene Reversibly Enhances Transdermal and Topical Drug Delivery. Pharmaceutical Research, 2017, 34, 2097-2108. | 3.5 | 17 |
| 42 | S-substituted 3,5-dinitrophenyl 1,3,4-oxadiazole-2-thiols and tetrazole-5-thiols as highly efficient antitubercular agents. European Journal of Medicinal Chemistry, 2017, 126, 369-383. | 5.5 | 50 |
| 43 | Personalized ex vivo multiple peptideÂenrichment and detection of T cells reactive to multiple tumor-associated antigens in prostate cancer patients. Medical Oncology, 2017, 34, 173. | 2.5 | 7 |
| 44 | The barrier function of organotypic non-melanoma skin cancer models. Journal of Controlled Release, 2016, 233, 10-18. | 9.9 | 33 |
| 45 | Aroylhydrazone iron chelators: Tuning antioxidant and antiproliferative properties by hydrazide modifications. European Journal of Medicinal Chemistry, 2016, 120, 97-110. | 5.5 | 31 |
| 46 | Large-Scale Synthesis of Piperazine-2,6-dione and Its Use in the Synthesis of Dexrazoxane Analogues. Synthesis, 2016, 48, 4580-4588. | 2.3 | 3 |
| 47 | Omega-O-Acylceramides in Skin Lipid Membranes: Effects of Concentration, Sphingoid Base, and Model Complexity on Microstructure and Permeability. Langmuir, 2016, 32, 12894-12904. | 3.5 | 29 |
| 48 | Synthesis of 6-hydroxyceramide using ruthenium-catalyzed hydrosilylationâ€“protodesilylation. Unexpected formation of a long periodicity lamellar phase in skin lipid membranes. RSC Advances, 2016, 6, 73343-73350. | 3.6 | 19 |
| 49 | Generation of T cell effectors using tumor cell-loaded dendritic cells for adoptive T cell therapy. Medical Oncology, 2016, 33, 136. | 2.5 | 6 |
| 50 | Development of 3,5-Dinitrobenzylsulfanyl-1,3,4-oxadiazoles and Thiadiazoles as Selective Antitubercular Agents Active Against Replicating and Nonreplicating Mycobacterium tuberculosis. Journal of Medicinal Chemistry, 2016, 59, 2362-2380. | 6.4 | 85 |
| 51 | Ceramides with a pentadecasphingosine chain and short acyls have strong permeabilization effects on skin and model lipid membranes. Biochimica Et Biophysica Acta - Biomembranes, 2016, 1858, 220-232. | 2.6 | 22 |
| 52 | Emerging small-molecule compounds for treatment of atopic dermatitis: a review. Expert Opinion on Therapeutic Patents, 2016, 26, 21-34. | 5.0 | 11 |
| 53 | Probing the Role of the Ceramide Acyl Chain Length and Sphingosine Unsaturation in Model Skin Barrier Lipid Mixtures by <sup>2</sup>H Solid-State NMR Spectroscopy. Langmuir, 2015, 31, 4906-4915. | 3.5 | 40 |
| 54 | Transkarbams: Transdermal Penetration-Enhancing Carbamates. , 2015, , 309-323. | | 0 |

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| 55 | Amino Acid-Based Transdermal Penetration Enhancers. , 2015, , 325-336. | | 2 |
| 56 | Synthesis and analysis of novel analogues of dexrazoxane and its open-ring hydrolysis product for protection against anthracycline cardiotoxicity in vitro and in vivo. Toxicology Research, 2015, 4, 1098-1114. | 2.1 | 20 |
| 57 | Structural Changes in Ceramide Bilayers Rationalize Increased Permeation through Stratum Corneum Models with Shorter Acyl Tails. Journal of Physical Chemistry B, 2015, 119, 9811-9819. | 2.6 | 46 |
| 58 | Interactions of Hyaluronic Acid with the Skin and Implications for the Dermal Delivery of Biomacromolecules. Molecular Pharmaceutics, 2015, 12, 1391-1401. | 4.6 | 97 |
| 59 | Stimulation of PPARÎ± normalizes the skin lipid ratio and improves the skin barrier of normal and filaggrin deficient reconstructed skin. Journal of Dermatological Science, 2015, 80, 102-110. | 1.9 | 42 |
| 60 | Scalable Synthesis of Human Ultralong Chain Ceramides. Organic Letters, 2015, 17, 5456-5459. | 4.6 | 26 |
| 61 | Tetrazole regioisomers in the development of nitro group-containing antitubercular agents. MedChemComm, 2015, 6, 174-181. | 3.4 | 40 |
| 62 | In Vitro Characterization of the Pharmacological Properties of the Anti-Cancer Chelator, Bp4eT, and Its Phase I Metabolites. PLoS ONE, 2015, 10, e0139929. | 2.5 | 7 |
| 63 | Phase I/II clinical trial of dendritic-cell based immunotherapy (DCVAC/PCa) combined with chemotherapy in patients with metastatic, castration-resistant prostate cancer. Oncotarget, 2015, 6, 18192-18205. | 1.8 | 111 |
| 64 | Filaggrin Deficiency Leads to Impaired Lipid Profile and Altered Acidification Pathways in a 3D Skin Construct. Journal of Investigative Dermatology, 2014, 134, 746-753. | 0.7 | 106 |
| 65 | Structure-Activity Relationships of Novel Salicylaldehyde Isonicotinoyl Hydrazone (SIH) Analogs: Iron Chelation, Anti-Oxidant and Cytotoxic Properties. PLoS ONE, 2014, 9, e112059. | 2.5 | 15 |
| 66 | Transdermal Delivery and Cutaneous Targeting of Antivirals using a Penetration Enhancer and Lysolipid Prodrugs. Pharmaceutical Research, 2014, 31, 1071-1081. | 3.5 | 19 |
| 67 | The Role of the Trans Double Bond in Skin Barrier Sphingolipids: Permeability and Infrared Spectroscopic Study of Model Ceramide and Dihydroceramide Membranes. Langmuir, 2014, 30, 5527-5535. | 3.5 | 24 |
| 68 | Different Phase Behavior and Packing of Ceramides with Long (C16) and Very Long (C24) Acyls in Model Membranes: Infrared Spectroscopy Using Deuterated Lipids. Journal of Physical Chemistry B, 2014, 118, 10460-10470. | 2.6 | 65 |
| 69 | The Chemistry and Biology of 6â€²Hydroxyceramide, the Youngest Member of the Human Sphingolipid Family. ChemBioChem, 2014, 15, 1555-1562. | 2.6 | 21 |
| 70 | Effects of sphingomyelin/ceramide ratio on the permeability and microstructure of model stratum corneum lipid membranes. Biochimica Et Biophysica Acta - Biomembranes, 2014, 1838, 2115-2126. | 2.6 | 46 |
| 71 | 1-Substituted-5-[(3,5-dinitrobenzyl)sulfanyl]-1H-tetrazoles and their isosteric analogs: A new class of selective antitubercular agents active against drug-susceptible and multidrug-resistant mycobacteria. European Journal of Medicinal Chemistry, 2014, 82, 324-340. | 5.5 | 44 |
| 72 | Mathematical calculations of iron complex stoichiometry by direct UVâ€“Vis spectrophotometry. Bioorganic Chemistry, 2013, 49, 1-8. | 4.1 | 25 |

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| 73 | One-pot synthesis of 1-substituted-5-alkylselanyl-1 H -tetrazoles from isoselenocyanates: unexpected formation of N -alkyl- N -arylcyanamides and ( Z )- Se -alkyl- N -cyano- N , Nâ€² -diarylisoselenoureas. Tetrahedron, 2013, 69, 8798-8808. | 1.9 | 22 |
| 74 | Amino acid derivatives as transdermal permeation enhancers. Journal of Controlled Release, 2013, 165, 91-100. | 9.9 | 37 |
| 75 | Ceramides in the Skin Lipid Membranes: Length Matters. Langmuir, 2013, 29, 15624-15633. | 3.5 | 101 |
| 76 | Synthesis and Functionalization of 5â€Substituted Tetrazoles. European Journal of Organic Chemistry, 2012, 2012, 6101-6118. | 2.4 | 236 |
| 77 | LC-MS/MS identification of the principal in vitro and in vivo phase I metabolites of the novel thiosemicarbazone anti-cancer drug, Bp4eT. Analytical and Bioanalytical Chemistry, 2012, 403, 309-321. | 3.7 | 16 |
| 78 | Methyl and ethyl ketone analogs of salicylaldehyde isonicotinoyl hydrazone: Novel iron chelators with selective antiproliferative action. Chemico-Biological Interactions, 2012, 197, 69-79. | 4.0 | 41 |
| 79 | Effect of ceramide acyl chain length on skin permeability and thermotropic phase behavior of model stratum corneum lipid membranes. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2011, 1811, 129-137. | 2.4 | 69 |
| 80 | Complex modulation of peptidolytic activity of cathepsin D by sphingolipids. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2011, 1811, 1097-1104. | 2.4 | 11 |
| 81 | Comparison of various iron chelators used in clinical practice as protecting agents against catecholamine-induced oxidative injury and cardiotoxicity. Toxicology, 2011, 289, 122-131. | 4.2 | 35 |
| 82 | Ammonium carbamates as highly active transdermal permeation enhancers with a dual mechanism of action. Journal of Controlled Release, 2011, 150, 164-170. | 9.9 | 29 |
| 83 | New fluorine-containing hydrazones active against MDR-tuberculosis. European Journal of Medicinal Chemistry, 2011, 46, 4937-4945. | 5.5 | 57 |
| 84 | Synthesis and Initial in Vitro Evaluations of Novel Antioxidant Aroylhydrazone Iron Chelators with Increased Stability against Plasma Hydrolysis. Chemical Research in Toxicology, 2011, 24, 290-302. | 3.3 | 52 |
| 85 | Enhanced Topical and Transdermal Delivery of Antineoplastic and Antiviral Acyclic Nucleoside Phosphonate cPr-PMEDAP. Pharmaceutical Research, 2011, 28, 3105-3115. | 3.5 | 10 |
| 86 | Hydrophilic interaction liquid chromatography in the separation of a moderately lipophilic drug from its highly polar metabolitesâ€"the cardioprotectant dexrazoxane as a model case. Journal of Chromatography A, 2011, 1218, 416-426. | 3.7 | 18 |
| 87 | One-pot regioselective vinylation of tetrazoles: preparation of 5-substituted 2-vinyl-2H-tetrazoles. Tetrahedron Letters, 2010, 51, 1411-1414. | 1.4 | 10 |
| 88 | Salicylanilide carbamates: Antitubercular agents active against multidrug-resistant Mycobacterium tuberculosis strains. Bioorganic and Medicinal Chemistry, 2010, 18, 1054-1061. | 3.0 | 38 |
| 89 | Transkarbams as transdermal permeation enhancers: Effects of ester position and ammonium carbamate formation. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 2726-2728. | 2.2 | 8 |
| 90 | Comparison of Clinically Used and Experimental Iron Chelators for Protection against Oxidative Stress-Induced Cellular Injury. Chemical Research in Toxicology, 2010, 23, 1105-1114. | 3.3 | 61 |

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| 91 | Practical Synthesis of 5-Substituted Tetrazoles under Microwave Irradiation. Synthesis, 2009, 2009, 2175-2178. | 2.3 | 45 |
| 92 | Dimethylamino Acid Esters as Biodegradable and Reversible Transdermal Permeation Enhancers: Effects of Linking Chain Length, Chirality and Polyfluorination. Pharmaceutical Research, 2009, 26, 811-821. | 3.5 | 31 |
| 93 | Dicarboxylic acid esters as transdermal permeation enhancers: Effects of chain number and geometric isomers. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 344-347. | 2.2 | 14 |
| 94 | Synthesis of fluorescent C24-ceramide: Evidence for acyl chain length dependent differences in penetration of exogenous NBD-ceramides into human skin. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 6975-6977. | 2.2 | 29 |
| 95 | HPLC-DAD and MS/MS analysis of novel drug candidates from the group of aromatic hydrazones revealing the presence of geometric isomers. Journal of Pharmaceutical and Biomedical Analysis, 2008, 48, 295-302. | 2.8 | 23 |
| 96 | Transkarbams with terminal branching as transdermal permeation enhancers. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 1712-1715. | 2.2 | 11 |
| 97 | Transdermal and dermal delivery of adefovir: Effects of pH and permeation enhancers. European Journal of Pharmaceutics and Biopharmaceutics, 2008, 69, 597-604. | 4.3 | 34 |
| 98 | Permeation enhancer dodecyl 6-(dimethylamino)hexanoate increases transdermal and topical delivery of adefovir: Influence of pH, ion-pairing and skin species. European Journal of Pharmaceutics and Biopharmaceutics, 2008, 70, 901-907. | 4.3 | 21 |
| 99 | HPLC method for determination of in vitro delivery through and into porcine skin of adefovir (PMEA). Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2007, 853, 198-203. | 2.3 | 21 |
| 100 | Synthesis and transdermal permeation-enhancing activity of carbonate and carbamate analogs of Transkarbam 12. Bioorganic and Medicinal Chemistry, 2006, 14, 7671-7680. | 3.0 | 18 |
| 101 | Synthesis and transdermal penetration-enhancing activity of carbonic and carbamic acid estersâ€"Comparison with transkarbam 12. Bioorganic and Medicinal Chemistry Letters, 2006, 16, 1981-1984. | 2.2 | 14 |
| 102 | Synthesis and transdermal permeation-enhancing activity of ketone, amide, and alkane analogs of Transkarbam 12. Bioorganic and Medicinal Chemistry, 2006, 14, 2896-2903. | 3.0 | 15 |
| 103 | Influence of terminal branching on the transdermal permeation-enhancing activity in fatty alcohols and acids. Bioorganic and Medicinal Chemistry, 2006, 14, 7681-7687. | 3.0 | 29 |
| 104 | Thermotropic phase behavior of long-chain alkylammonium-alkylcarbamates. Thermochimica Acta, 2006, 441, 116-123. | 2.7 | 20 |
| 105 | Synthesis and Enhancing Effect of Transkarbam 12 on the Transdermal Delivery of Theophylline, Clotrimazole, Flobufen, and Griseofulvin. Pharmaceutical Research, 2006, 23, 912-919. | 3.5 | 31 |
| 106 | Biodegradable derivatives of tranexamic acid as transdermal permeation enhancers. Journal of Controlled Release, 2005, 104, 41-49. | 9.9 | 36 |
| 107 | Esters of 6-aminohexanoic acid as skin permeation enhancers: The effect of branching in the alkanol moiety. Journal of Pharmaceutical Sciences, 2005, 94, 1494-1499. | 3.3 | 18 |
| 108 | Ceramide analogue 14S24 ((S)-2-tetracosanoylamino-3-hydroxypropionic acid tetradecyl ester) is effective in skin barrier repair in vitro. European Journal of Pharmaceutical Sciences, 2004, 21, 581-587. | 4.0 | 23 |

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| 109 | Chromatographic methods for the separation of biocompatible iron chelators from their synthetic precursors and iron chelates. Journal of Separation Science, 2004, 27, 1503-1510. | 2.5 | 12 |
| 110 | A simple method for the preparation of 5-alkylsulfinyl-1-aryltetrazoles. Tetrahedron Letters, 2004, 45, 7955-7957. | 1.4 | 17 |
| 111 | Synthetic ceramide analogues as skin permeation enhancers: structureâ€“Activity relationships. Bioorganic and Medicinal Chemistry, 2003, 11, 5381-5390. | 3.0 | 39 |
| 112 | l-Serine and glycine based ceramide analogues as transdermal permeation enhancers: polar head size and hydrogen bonding. Bioorganic and Medicinal Chemistry Letters, 2003, 13, 2351-2353. | 2.2 | 38 |