

# Barbora Ā kolovĀ;

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Phytosphingosine, sphingosine and dihydrosphingosine ceramides in model skin lipid membranes: permeability and biophysics. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017, 1859, 824-834.	2.6	51
2	Phase separation in ceramide[NP] containing lipid model membranes: neutron diffraction and solid-state NMR. <i>Soft Matter</i> , 2017, 13, 2107-2119.	2.7	27
3	Permeability and microstructure of model stratum corneum lipid membranes containing ceramides with long (C16) and very long (C24) acyl chains. <i>Biophysical Chemistry</i> , 2017, 224, 20-31.	2.8	49
4	Ceramides with a pentadecasphingosine chain and short acyls have strong permeabilization effects on skin and model lipid membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016, 1858, 220-232.	2.6	22
5	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. <i>Langmuir</i> , 2015, 31, 4906-4915.	3.5	40
6	Filaggrin Deficiency Leads to Impaired Lipid Profile and Altered Acidification Pathways in a 3D Skin Construct. <i>Journal of Investigative Dermatology</i> , 2014, 134, 746-753.	0.7	106
7	Transdermal Delivery and Cutaneous Targeting of Antivirals using a Penetration Enhancer and Lysolipid Prodrugs. <i>Pharmaceutical Research</i> , 2014, 31, 1071-1081.	3.5	19
8	The Role of the Trans Double Bond in Skin Barrier Sphingolipids: Permeability and Infrared Spectroscopic Study of Model Ceramide and Dihydroceramide Membranes. <i>Langmuir</i> , 2014, 30, 5527-5535.	3.5	24
9	Different Phase Behavior and Packing of Ceramides with Long (C16) and Very Long (C24) Acyls in Model Membranes: Infrared Spectroscopy Using Deuterated Lipids. <i>Journal of Physical Chemistry B</i> , 2014, 118, 10460-10470.	2.6	65
10	Effects of sphingomyelin/ceramide ratio on the permeability and microstructure of model stratum corneum lipid membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2014, 1838, 2115-2126.	2.6	46
11	Amino acid derivatives as transdermal permeation enhancers. <i>Journal of Controlled Release</i> , 2013, 165, 91-100.	9.9	37
12	Ceramides in the Skin Lipid Membranes: Length Matters. <i>Langmuir</i> , 2013, 29, 15624-15633.	3.5	101
13	Enhanced Topical and Transdermal Delivery of Antineoplastic and Antiviral Acyclic Nucleoside Phosphonate cPr-PMEDAP. <i>Pharmaceutical Research</i> , 2011, 28, 3105-3115.	3.5	10