

Tomas Rezanka

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

285
papers

5,777
citations

38
h-index

57
g-index

307
ext. papers

6,459
ext. citations

3.6
avg, IF

5.99
L-index

#	Paper	IF	Citations
285	Kocuria Strains from Unique Radon Spring Water from Jachymov Spa. <i>Fermentation</i> , 2022 , 8, 35	4.7	0
284	Fungal Endophytes of Plant Growth Promoters or Potentially Toxinogenic Agents?. <i>Toxins</i> , 2022 , 14,	4.9	3
283	Structural Characterization of Mono- and Dimethylphosphatidylethanolamines from Various Organisms Using a Complex Analytical Strategy including Chiral Chromatography. <i>Symmetry</i> , 2022 , 14, 616	2.7	
282	Changes in glycosyl inositol phosphoceramides during the cell cycle of the red alga <i>Galdieria sulphuraria</i> . <i>Phytochemistry</i> , 2021 , 194, 113025	4	0
281	Rhamnolipids as a Tool for Eradication of Biofilm. <i>Biomolecules</i> , 2021 , 11,	5.9	1
280	Unicellular versus Filamentous: The Glacial Alga <i>comb. et stat. nov.</i> and Its Ecophysiological Relatedness to (Zygnematophyceae, Streptophyta). <i>Microorganisms</i> , 2021 , 9,	4.9	4
279	Growth under Different Trophic Regimes and Synchronization of the Red Microalga. <i>Biomolecules</i> , 2021 , 11,	5.9	3
278	Plasmalogens - Ubiquitous molecules occurring widely, from anaerobic bacteria to humans. <i>Progress in Lipid Research</i> , 2021 , 83, 101111	14.3	5
277	Separation and identification of diacylglycerols containing branched chain fatty acids by liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2021 , 1635, 461708	4.5	3
276	Ecophysiological and ultrastructural characterisation of the circumpolar orange snow alga compared to the cosmopolitan red snow alga (Chlorophyta). <i>Polar Biology</i> , 2021 , 44, 105-117	2	3
275	Separation of regioisomers and enantiomers of triacylglycerols containing branched fatty acids (iso and/or anteiso). <i>Electrophoresis</i> , 2021 , 42, 1832-1843	3.6	4
274	Detailed structural characterization of cardiolipins from various biological sources using a complex analytical strategy comprising fractionation, hydrolysis and chiral chromatography. <i>Journal of Chromatography A</i> , 2021 , 1648, 462185	4.5	1
273	Effect of the anti-inflammatory drug diclofenac on lipid composition of bacterial strain <i>Raoultella</i> sp. KDF8. <i>Folia Microbiologica</i> , 2020 , 65, 763-773	2.8	5
272	Separation of triacylglycerols containing allenic and acetylenic fatty acids by enantiomeric liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2020 , 1623, 461161	4.5	6
271	Enantiomeric separation of triacylglycerols containing fatty acids with a ring (cyclofatty acids). <i>Journal of Chromatography A</i> , 2020 , 1622, 461103	4.5	4
270	Lipidomic analysis of diatoms cultivated with silica nanoparticles. <i>Phytochemistry</i> , 2020 , 177, 112452	4	1
269	Dead <i>Rhizophagus irregularis</i> biomass mysteriously stimulates plant growth. <i>Mycorrhiza</i> , 2020 , 30, 63-77.9		8

268	Lipidomic Analysis of Lower Organisms 2020 , 245-266		0
267	Cysts of the Snow Alga (Chlorophyceae) Show Increased Tolerance to Ultraviolet Radiation and Elevated Visible Light. <i>Frontiers in Plant Science</i> , 2020 , 11, 617250	6.2	6
266	Alternative sources of omega-3 polyunsaturated fatty acids. <i>Studies in Natural Products Chemistry</i> , 2020 , 123-159	1.5	1
265	Arsenolipids in the green alga <i>Coccomyxa</i> (Trebouxiophyceae, Chlorophyta). <i>Phytochemistry</i> , 2019 , 164, 243-251	4	13
264	Kocuria Bacterial Isolates from Radioactive Springs of Jáchymov spa (Joachimsthal) as Sources of Polyunsaturated Fatty Acids. <i>Lipids</i> , 2019 , 54, 177-187	1.6	3
263	Characterization of the catabolic pathway of diclofenac in <i>Raoultella</i> sp. KDF8. <i>International Biodeterioration and Biodegradation</i> , 2019 , 137, 88-94	4.8	14
262	Rapid screening of very long-chain fatty acids from microorganisms. <i>Journal of Chromatography A</i> , 2019 , 1605, 460365	4.5	4
261	Ecophysiology of sp. nov. (Chlorophyceae), Causing Orange Snow Blooms at Different Light Conditions. <i>Microorganisms</i> , 2019 , 7,	4.9	12
260	Siderophores: Amazing Metabolites of Microorganisms. <i>Studies in Natural Products Chemistry</i> , 2019 , 157-188	1.8	5
259	Lipidomic Analysis: From Archaea to Mammals. <i>Lipids</i> , 2018 , 53, 5-25	1.6	12
258	Lipidomic analysis of <i>Botryococcus</i> (Trebouxiophyceae, Chlorophyta) - Identification of lipid classes containing very long chain fatty acids by offline two-dimensional LC-tandem MS. <i>Phytochemistry</i> , 2018 , 148, 29-38	4	13
257	Enantiomeric separation of triacylglycerols containing very long chain fatty acids. <i>Journal of Chromatography A</i> , 2018 , 1557, 9-19	4.5	10
256	Lipidomic Study of Precursors of Endocannabinoids in Freshwater Bryozoan <i>Pectinatella magnifica</i> . <i>Lipids</i> , 2018 , 53, 413-427	1.6	1
255	Isolation and identification of siderophores produced by cyanobacteria. <i>Folia Microbiologica</i> , 2018 , 63, 569-579	2.8	10
254	Ecophysiological and morphological comparison of two populations of sp. (Chlorophyta) causing red snow on ice-covered lakes in the High Tatras and Austrian Alps. <i>European Journal of Phycology</i> , 2018 , 53, 230-243	2.2	21
253	subsp. , subsp. nov. (Chlamydomonadales, Chlorophyta): re-examination of a snow alga from the High Tatra Mountains (Slovakia). <i>Fottea</i> , 2018 , 18, 1-18	1.6	44
252	Potential of the strain <i>Raoultella</i> sp. KDF8 for removal of analgesics. <i>Folia Microbiologica</i> , 2018 , 63, 273-282	2.8	13
251	Metabolic Screening of Wine (Grapevine) Resveratrol. <i>Studies in Natural Products Chemistry</i> , 2018 , 1-30	1.5	1

250	Sphingolipidomics of Thermotolerant Yeasts. <i>Lipids</i> , 2018 , 53, 627-639	1.6	4
249	Lipidomic Analysis of Lower Organisms 2018 , 1-21		
248	Regioisomeric and enantiomeric analysis of triacylglycerols. <i>Analytical Biochemistry</i> , 2017 , 524, 3-12	3.1	29
247	Pilot cultivation of the green alga <i>Monoraphidium</i> sp. producing a high content of polyunsaturated fatty acids in a low-temperature environment. <i>Algal Research</i> , 2017 , 22, 160-165	5	40
246	Lipidomic profile in three species of dinoflagellates (<i>Amphidinium carterae</i> , <i>Cystodinium</i> sp., and <i>Peridinium aciculiferum</i>) containing very long chain polyunsaturated fatty acids. <i>Phytochemistry</i> , 2017 , 139, 88-97	4	14
245	Effects of rare earth elements on growth rate, lipids, fatty acids and pigments in microalgae. <i>Phycological Research</i> , 2017 , 65, 226-234	1.3	6
244	Identity, ecology and ecophysiology of planktic green algae dominating in ice-covered lakes on James Ross Island (northeastern Antarctic Peninsula). <i>Extremophiles</i> , 2017 , 21, 187-200	3	8
243	Polydatin and its derivatives inhibit fatty acid desaturases in microorganisms. <i>European Journal of Lipid Science and Technology</i> , 2017 , 119, 1600369	3	2
242	Lincosamides: Chemical structure, biosynthesis, mechanism of action, resistance, and applications. <i>Biochemical Pharmacology</i> , 2017 , 133, 20-28	6	63
241	Identification and Characterization of Phospholipids with Very Long Chain Fatty Acids in Brewer's Yeast. <i>Lipids</i> , 2017 , 52, 1007-1017	1.6	4
240	Resveratrol suppresses ethanol stress in winery and bottom brewery yeast by affecting superoxide dismutase, lipid peroxidation and fatty acid profile. <i>World Journal of Microbiology and Biotechnology</i> , 2017 , 33, 205	4.4	11
239	Lipidomic analysis of two closely related strains of the microalga <i>Parietochloris</i> (Trebouxiophyceae, Chlorophyta). <i>Algal Research</i> , 2017 , 25, 473-482	5	5
238	Using Odd-Alkanes as a Carbon Source to Increase the Content of Nutritionally Important Fatty Acids in and. <i>International Journal of Analytical Chemistry</i> , 2017 , 2017, 8195329	1.4	10
237	Waste Brewery and Winery Yeast as a Raw Material for Biotechnological Productions. <i>Kvasnĕ Průmysl</i> , 2017 , 63, 158-162	1.3	2
236	Lipidomic analysis of psychrophilic yeasts cultivated at different temperatures. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2016 , 1861, 1634-1642	5	15
235	Influencing fatty acid composition of yeasts by lanthanides. <i>World Journal of Microbiology and Biotechnology</i> , 2016 , 32, 126	4.4	4
234	Lipidomic analysis of the extremophilic red alga <i>Galdieria sulphuraria</i> in response to changes in pH. <i>Algal Research</i> , 2016 , 13, 218-226	5	29
233	Enhancing the lipid productivity of yeasts with trace concentrations of iron nanoparticles. <i>Folia Microbiologica</i> , 2016 , 61, 329-35	2.8	9

232	Production of Palmitoleic and Linoleic Acid in Oleaginous and Nonoleaginous Yeast Biomass. <i>International Journal of Analytical Chemistry</i> , 2016 , 2016, 7583684	1.4	24
231	Using nutritional and oxidative stress to increase content of healthbeneficial fatty acids in oleaginous and non-oleaginous yeasts. <i>Chemical Papers</i> , 2016 , 70,	1.9	1
230	Biogenesis of antibiotics-viewing its history and glimpses of the future. <i>Folia Microbiologica</i> , 2016 , 61, 347-58	2.8	9
229	Lipid accumulation by oleaginous and non-oleaginous yeast strains in nitrogen and phosphate limitation. <i>Folia Microbiologica</i> , 2016 , 61, 431-8	2.8	26
228	The effect of lanthanides on photosynthesis, growth, and chlorophyll profile of the green alga <i>Desmodesmus quadricauda</i> . <i>Photosynthesis Research</i> , 2016 , 130, 335-346	3.7	24
227	Effect of salinity on the fatty acid and triacylglycerol composition of five haptophyte algae from the genera <i>Coccolithophora</i> , <i>Isochrysis</i> and <i>Prymnesium</i> determined by LC-MS/APCI. <i>Phytochemistry</i> , 2016 , 130, 64-76	4	11
226	Enantiomeric separation of triacylglycerols containing polyunsaturated fatty acids with 18 carbon atoms. <i>Journal of Chromatography A</i> , 2016 , 1467, 261-269	4.5	10
225	New yeast-based approaches in production of palmitoleic acid. <i>Bioresource Technology</i> , 2015 , 192, 726-341	4.1	21
224	Use of lanthanides to alleviate the effects of metal ion-deficiency in <i>Desmodesmus quadricauda</i> (Sphaeropleales, Chlorophyta). <i>Frontiers in Microbiology</i> , 2015 , 6, 2	5.7	50
223	Lipidomics as an important key for the identification of beer-spoilage bacteria. <i>Letters in Applied Microbiology</i> , 2015 , 60, 536-43	2.9	10
222	Wax Ester Analysis of Bats Suffering from White Nose Syndrome in Europe. <i>Lipids</i> , 2015 , 50, 633-45	1.6	4
221	Precursor directed biosynthesis of odd-numbered fatty acids by different yeasts. <i>Folia Microbiologica</i> , 2015 , 60, 457-64	2.8	14
220	Separation and Identification of Odd Chain Triacylglycerols of the Protozoan <i>Khawkinea quartana</i> and the Mold <i>Mortierella alpina</i> Using LC-MS. <i>Lipids</i> , 2015 , 50, 811-20	1.6	6
219	Trace concentrations of iron nanoparticles cause overproduction of biomass and lipids during cultivation of cyanobacteria and microalgae. <i>Journal of Applied Phycology</i> , 2015 , 27, 1443-1451	3.2	61
218	Structural and physiochemical characterization of rhamnolipids produced by <i>Acinetobacter calcoaceticus</i> , <i>Enterobacter asburiae</i> and <i>Pseudomonas aeruginosa</i> in single strain and mixed cultures. <i>Journal of Biotechnology</i> , 2015 , 193, 45-51	3.7	53
217	Extraction of brewer's yeasts using different methods of cell disruption for practical biodiesel production. <i>Folia Microbiologica</i> , 2015 , 60, 225-34	2.8	9
216	Comparative analysis of triacylglycerols from different <i>Stichococcus</i> strains by RP-HPLC/APCI-MS and chiral HPLC. <i>Journal of Applied Phycology</i> , 2015 , 27, 685-696	3.2	7
215	Changes in membrane plasmalogens of <i>Clostridium pasteurianum</i> during butanol fermentation as determined by lipidomic analysis. <i>PLoS ONE</i> , 2015 , 10, e0122058	3.7	25

214	Temperature dependence of production of structured triacylglycerols in the alga <i>Trachydiscus minutus</i> . <i>Phytochemistry</i> , 2015 , 110, 37-45	4	11
213	Lipidomic profiling of snow algae by ESI-MS and silver-LC/APCI-MS. <i>Phytochemistry</i> , 2014 , 100, 34-42	4	24
212	<i>Pseudomonas</i> biofilms: possibilities of their control. <i>FEMS Microbiology Ecology</i> , 2014 , 89, 1-14	4.3	71
211	Production of structured triacylglycerols from microalgae. <i>Phytochemistry</i> , 2014 , 104, 95-104	4	18
210	Separation of enantiomeric triacylglycerols by chiral-phase HPLC. <i>Lipids</i> , 2014 , 49, 1251-60	1.6	18
209	Characterization of rhamnolipids produced by non-pathogenic <i>Acinetobacter</i> and <i>Enterobacter</i> bacteria. <i>Bioresource Technology</i> , 2013 , 130, 510-6	11	70
208	Brewer's Yeast as a New Source of Palmitoleic Acid Analysis of Triacylglycerols by LC-MS. <i>JAACS, Journal of the American Oil Chemists Society</i> , 2013 , 90, 1327-1342	1.8	20
207	Identification of plasmalogen cardiolipins from <i>Pecten</i> by liquid chromatography-high resolution electrospray ionization tandem mass spectrometry. <i>Lipids</i> , 2013 , 48, 1237-51	1.6	7
206	LC-MS/APCI identification of glucoside esters and diesters of astaxanthin from the snow alga <i>Chlamydomonas nivalis</i> including their optical stereoisomers. <i>Phytochemistry</i> , 2013 , 88, 34-42	4	21
205	Identification of regioisomers and enantiomers of triacylglycerols in different yeasts using reversed- and chiral-phase LC-MS. <i>Journal of Separation Science</i> , 2013 , 36, 3310-20	3.4	23
204	Regioisomer separation and identification of triacylglycerols containing vaccenic and oleic acids, and β -linolenic acids, in thermophilic cyanobacteria <i>Mastigocladus laminosus</i> and <i>Tolypothrix</i> sp. <i>Phytochemistry</i> , 2012 , 78, 147-55	4	15
203	Effect of starvation on the distribution of positional isomers and enantiomers of triacylglycerol in the diatom <i>Phaeodactylum tricorutum</i> . <i>Phytochemistry</i> , 2012 , 80, 17-27	4	25
202	Structural analysis of mycolic acids from phenol-degrading strain of <i>Rhodococcus erythropolis</i> by liquid chromatography-tandem mass spectrometry. <i>Folia Microbiologica</i> , 2012 , 57, 473-83	2.8	9
201	Lipidomic analysis of bacterial plasmalogens. <i>Folia Microbiologica</i> , 2012 , 57, 463-72	2.8	26
200	Biosynthesis and metabolic pathways of pivalic acid. <i>Applied Microbiology and Biotechnology</i> , 2012 , 95, 1371-6	5.7	7
199	LC-ESI-MS/MS identification of polar lipids of two thermophilic <i>Anoxybacillus</i> bacteria containing a unique lipid pattern. <i>Lipids</i> , 2012 , 47, 729-39	1.6	14
198	Pivalic acid acts as a starter unit in a fatty acid and antibiotic biosynthetic pathway in <i>Alicyclobacillus</i> , <i>Rhodococcus</i> and <i>Streptomyces</i> . <i>Environmental Microbiology</i> , 2011 , 13, 1577-89	5.2	5
197	POLYPHASIC CHARACTERIZATION OF DOLICHOSPERMUM SPP. AND SPHAEROSPERMOPSIS SPP. (NOSTOCALES, CYANOBACTERIA): MORPHOLOGY, 16S rRNA GENE SEQUENCES AND FATTY ACID AND SECONDARY METABOLITE PROFILES(1). <i>Journal of Phycology</i> , 2011 , 47, 1152-63	3	21

196	The genus <i>Dracunculus</i> --a source of triacylglycerols containing odd-numbered β -phenyl fatty acids. <i>Phytochemistry</i> , 2011 , 72, 1914-26	4	6
195	Effect of nitrogen and phosphorus starvation on the polyunsaturated triacylglycerol composition, including positional isomer distribution, in the alga <i>Trachydiscus minutus</i> . <i>Phytochemistry</i> , 2011 , 72, 2342-51	4.51	50
194	Biosynthesis of β -alicyclic fatty acids induced by cyclic precursors and change of membrane fluidity in thermophilic bacteria <i>Geobacillus stearothermophilus</i> and <i>Meiothermus ruber</i> . <i>Extremophiles</i> , 2011 , 15, 423-9	3	5
193	Rhamnolipid-producing thermophilic bacteria of species <i>Thermus</i> and <i>Meiothermus</i> . <i>Extremophiles</i> , 2011 , 15, 697-709	3	46
192	N-acylated bacteriohopanehexol-mannosamides from the thermophilic bacterium <i>Alicyclobacillus acidoterrestris</i> . <i>Lipids</i> , 2011 , 46, 249-61	1.6	14
191	Hydrophilic interaction liquid chromatography: ESI-MS/MS of plasmalogen phospholipids from <i>Pectinatus</i> bacterium. <i>Lipids</i> , 2011 , 46, 765-80	1.6	28
190	Pilot-plant cultivation of <i>Streptomyces griseus</i> producing homologues of nonactin by precursor-directed biosynthesis and their identification by LC/MS-ESI. <i>Journal of Antibiotics</i> , 2010 , 63, 524-9	3.7	10
189	Hopanoids in Bacteria and Cyanobacteria [Their Role in Cellular Biochemistry and Physiology, Analysis and Occurrence. <i>Mini-Reviews in Organic Chemistry</i> , 2010 , 7, 300-313	1.7	17
188	Do we need new antibiotics? The search for new targets and new compounds. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2010 , 37, 1241-8	4.2	47
187	<i>Trachydiscus minutus</i> , a new biotechnological source of eicosapentaenoic acid. <i>Folia Microbiologica</i> , 2010 , 55, 265-9	2.8	40
186	RP-HPLC/MS-APCI analysis of branched chain TAG prepared by precursor-directed biosynthesis with <i>Rhodococcus erythropolis</i> . <i>Lipids</i> , 2010 , 45, 743-56	1.6	18
185	Glycosides of benzodioxole-indole alkaloids from <i>Narcissus</i> having axial chirality. <i>Phytochemistry</i> , 2010 , 71, 301-6	4	12
184	RP-HPLC/MS-APCI analysis of odd-chain TAGs from <i>Rhodococcus erythropolis</i> including some regioisomers. <i>Chemistry and Physics of Lipids</i> , 2010 , 163, 373-80	3.7	17
183	Isolation and characterization of two new lipopeptide biosurfactants produced by <i>Pseudomonas fluorescens</i> BD5 isolated from water from the Arctic Archipelago of Svalbard. <i>Bioresource Technology</i> , 2010 , 101, 6118-23	11	117
182	Fatty acids, unusual glyco-phospholipids and DNA analyses of thermophilic bacteria isolated from hot springs. <i>Extremophiles</i> , 2009 , 13, 101-9	3	11
181	Direct ESI-MS analysis of O-acyl glycosylated cardiolipins from the thermophilic bacterium <i>Alicyclobacillus acidoterrestris</i> . <i>Chemistry and Physics of Lipids</i> , 2009 , 161, 115-21	3.7	8
180	Very-long-chain iso and anteiso branched fatty acids in N-acylphosphatidylethanolamines from a natural cyanobacterial mat of <i>Calothrix</i> sp. <i>Phytochemistry</i> , 2009 , 70, 655-63	4	11
179	Glycosides of aryl-naphthalene lignans from <i>Acanthus mollis</i> having axial chirality. <i>Phytochemistry</i> , 2009 , 70, 1049-54	4	15

178	Identification of (S)-11-cycloheptyl-4-methylundecanoic acid in acylphosphatidylglycerol from <i>Alicyclobacillus acidoterrestris</i> . <i>Chemistry and Physics of Lipids</i> , 2009 , 159, 104-13	3.7	5
177	Microbial transformation of synthetic estrogen 17alpha-ethinylestradiol. <i>Environmental Pollution</i> , 2009 , 157, 3325-35	9.3	79
176	Odd-numbered very-long-chain fatty acids from the microbial, animal and plant kingdoms. <i>Progress in Lipid Research</i> , 2009 , 48, 206-38	14.3	142
175	The Use of APCI-MS with HPLC and Other Separation Techniques for Identification of Carotenoids and Related Compounds. <i>Current Analytical Chemistry</i> , 2009 , 5, 1-25	1.7	33
174	Unusual medium-chain polyunsaturated fatty acids from the snow alga <i>Chloromonas brevispina</i> . <i>Microbiological Research</i> , 2008 , 163, 373-9	5.3	30
173	A biaryl xanthone derivative having axial chirality from <i>Penicillium vinaceum</i> . <i>Journal of Natural Products</i> , 2008 , 71, 820-3	4.9	12
172	Biologically active compounds of semi-metals. <i>Phytochemistry</i> , 2008 , 69, 585-606	4	81
171	Identification of odorous compounds from nine fermentor-cultivated <i>Streptomyces</i> strains. <i>Folia Microbiologica</i> , 2008 , 53, 315-8	2.8	3
170	Identification of the Eight-Membered Heterocycles Hicksoanes AII from the Gorgonian <i>Subergorgia hicksoni</i> . <i>European Journal of Organic Chemistry</i> , 2008 , 2008, 1265-1270	3.2	16
169	Identification of astaxanthin diglucoside diesters from snow alga <i>Chlamydomonas nivalis</i> by liquid chromatography-atmospheric pressure chemical ionization mass spectrometry. <i>Phytochemistry</i> , 2008 , 69, 479-90	4	48
168	Identification of very-long-chain polyunsaturated fatty acids from <i>Amphidinium carterae</i> by atmospheric pressure chemical ionization liquid chromatography-mass spectroscopy. <i>Phytochemistry</i> , 2008 , 69, 2391-9	4	21
167	Odd-numbered very-long-chain polyunsaturated fatty acids from the dinoflagellate <i>Amphidinium carterae</i> identified by atmospheric pressure chemical ionization liquid chromatography-mass spectrometry. <i>Phytochemistry</i> , 2008 , 69, 2849-55	4	31
166	FATTY ACID AND PHOSPHOLIPID PROFILE OF FRESHWATER SARDINE <i>MIROGREX TERRAESANCTAE</i> FROM THE SEA OF GALILEE. <i>Journal of Food Lipids</i> , 2008 , 15, 150-163		2
165	Sweet antibiotics - the role of glycosidic residues in antibiotic and antitumor activity and their randomization. <i>FEMS Microbiology Reviews</i> , 2008 , 32, 858-89	15.1	129
164	Phytochemical Analysis and Comparison for Differentiation of <i>Boswellia Carterii</i> and <i>B. Serrata</i> . <i>Natural Product Communications</i> , 2007 , 2, 1934578X0700200	0.9	3
163	Sinaicinone, a complex adamantanyl derivative from <i>Hypericum sinaicum</i> . <i>Phytochemistry</i> , 2007 , 68, 1272-6		15
162	Diversity of the fatty acids of the <i>Nostoc</i> species and their statistical analysis. <i>Microbiological Research</i> , 2007 , 162, 308-21	5.3	53
161	Structural analysis of a polysaccharide from <i>Chlorella kessleri</i> by means of gas chromatography-mass spectrometry of its saccharide alditols. <i>Folia Microbiologica</i> , 2007 , 52, 246-52	2.8	15

160	Relationship between volatile odorous substances and production of avermectins by <i>Streptomyces avermitilis</i> . <i>Folia Microbiologica</i> , 2007 , 52, 26-30	2.8	5
159	Identification of very long chain unsaturated fatty acids from Ximenia oil by atmospheric pressure chemical ionization liquid chromatography-mass spectroscopy. <i>Phytochemistry</i> , 2007 , 68, 925-34	4	27
158	Medicinal Use of Lincosamides and Microbial Resistance to Them. <i>Anti-Infective Agents in Medicinal Chemistry</i> , 2007 , 6, 133-144		12
157	Storage lipid dynamics in somatic embryos of Norway spruce (<i>Picea abies</i>): histochemical and quantitative analyses. <i>Tree Physiology</i> , 2007 , 27, 1533-40	4.2	16
156	The Use of Atmospheric Pressure Chemical Ionization Mass Spectrometry with High Performance Liquid Chromatography and Other Separation Techniques for Identification of Triacylglycerols. <i>Current Analytical Chemistry</i> , 2007 , 3, 252-271	1.7	23
155	High-performance liquid chromatography-atmospheric pressure chemical ionization mass spectrometry and gas chromatography-flame ionization detection characterization of Delta5-polyenoic fatty acids in triacylglycerols from conifer seed oils. <i>Journal of Chromatography A</i> , 2007 , 1116, 47-57	4.5	53
154	Hirtusneanoside, an unsymmetrical dimeric tetrahydroxanthone from the lichen <i>Usnea hirta</i> . <i>Journal of Natural Products</i> , 2007 , 70, 1487-91	4.9	48
153	Identification of very long chain fatty acids from sugar cane wax by atmospheric pressure chemical ionization liquid chromatography-mass spectroscopy. <i>Phytochemistry</i> , 2006 , 67, 916-23	4	13
152	Adaptive changes in fatty acids of <i>E. coli</i> strains exposed to a quaternary ammonium salt and an amine oxide. <i>Folia Microbiologica</i> , 2006 , 51, 371-4	2.8	7
151	Use of the industrial yeast <i>Candida utilis</i> for cadmium sorption. <i>Folia Microbiologica</i> , 2006 , 51, 257-60	2.8	30
150	Metabolites produced by cyanobacteria belonging to several species of the family Nostocaceae. <i>Folia Microbiologica</i> , 2006 , 51, 159-82	2.8	27
149	Volatile Lactones [5S,S]-5-Methyl-3-(methylalkyl)furan-2(5H)-ones Identified in the Submerged Cultivation of <i>Streptomyces Avermitilis</i> . <i>European Journal of Organic Chemistry</i> , 2006 , 2006, 4277-4284	3.2	10
148	The colleflaccinosides, two chiral bianthraquinone glycosides with antitumor activity from the lichen <i>Collema flaccidum</i> collected in Israel and Russia. <i>Natural Product Research</i> , 2006 , 20, 969-80	2.3	16
147	Pharmacologically Active Sulfur-Containing Compounds. <i>Anti-Infective Agents in Medicinal Chemistry</i> , 2006 , 5, 187-224		31
146	Syriacin, a novel unusual sulfated ceramide glycoside from the freshwater sponge <i>Ephydatia syriaca</i> (Porifera, Demospongiae, Spongillidae). <i>Tetrahedron</i> , 2006 , 62, 5937-5943	2.4	8
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