

# Tomas Rezanka

## List of Publications by Citations

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285  
papers

5,777  
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38  
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57  
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307  
ext. papers

6,459  
ext. citations

3.6  
avg, IF

5.99  
L-index

#	Paper	IF	Citations
285	Biodegradable plastics from renewable sources. <i>Folia Microbiologica</i> , <b>2003</b> , 48, 27-44	2.8	213
284	Odd-numbered very-long-chain fatty acids from the microbial, animal and plant kingdoms. <i>Progress in Lipid Research</i> , <b>2009</b> , 48, 206-38	14.3	142
283	Myrrh--Commiphora chemistry. <i>Biomedical Papers of the Medical Faculty of the University Palacky&amp;#x0301;</i> , Olomouc, Czechoslovakia, <b>2005</b> , 149, 3-27	1.7	139
282	Sweet antibiotics - the role of glycosidic residues in antibiotic and antitumor activity and their randomization. <i>FEMS Microbiology Reviews</i> , <b>2008</b> , 32, 858-89	15.1	129
281	Lincomycin, clindamycin and their applications. <i>Applied Microbiology and Biotechnology</i> , <b>2004</b> , 64, 455-645.7		118
280	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> , <b>2010</b> , 101, 6118-23	11	117
279	Natural occurrence of arseno compounds in plants, lichens, fungi, algal species, and microorganisms. <i>Plant Science</i> , <b>2003</b> , 165, 1177-1192	5.3	108
278	Very-long-chain fatty acids from the animal and plant kingdoms. <i>Progress in Lipid Research</i> , <b>1989</b> , 28, 147-87	14.3	82
277	Biologically active compounds of semi-metals. <i>Phytochemistry</i> , <b>2008</b> , 69, 585-606	4	81
276	Microbial transformation of synthetic estrogen 17alpha-ethinylestradiol. <i>Environmental Pollution</i> , <b>2009</b> , 157, 3325-35	9.3	79
275	<i>Pseudomonas</i> biofilms: possibilities of their control. <i>FEMS Microbiology Ecology</i> , <b>2014</b> , 89, 1-14	4.3	71
274	Characterization of fatty acids and triacylglycerols in vegetable oils by gas chromatography and statistical analysis. <i>Analytica Chimica Acta</i> , <b>1999</b> , 398, 253-261	6.6	71
273	Characterization of rhamnolipids produced by non-pathogenic <i>Acinetobacter</i> and <i>Enterobacter</i> bacteria. <i>Bioresource Technology</i> , <b>2013</b> , 130, 510-6	11	70
272	Lincosamides: Chemical structure, biosynthesis, mechanism of action, resistance, and applications. <i>Biochemical Pharmacology</i> , <b>2017</b> , 133, 20-28	6	63
271	Trace concentrations of iron nanoparticles cause overproduction of biomass and lipids during cultivation of cyanobacteria and microalgae. <i>Journal of Applied Phycology</i> , <b>2015</b> , 27, 1443-1451	3.2	61
270	Metabolites produced by nitrogen-fixing <i>Nostoc</i> species. <i>Folia Microbiologica</i> , <b>2005</b> , 50, 363-91	2.8	57
269	Lincosamides: chemical structure, biosynthesis, mechanism of action, resistance, and applications. <i>Advances in Applied Microbiology</i> , <b>2004</b> , 56, 121-54	4.9	54

268	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> , <b>2015</b> , 193, 45-51	3-7	53
267	Diversity of the fatty acids of the <i>Nostoc</i> species and their statistical analysis. <i>Microbiological Research</i> , <b>2007</b> , 162, 308-21	5-3	53
266	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> , <b>2007</b> , 1146, 67-77	4-5	53
265	Natural microbial UV radiation filters--mycosporine-like amino acids. <i>Folia Microbiologica</i> , <b>2004</b> , 49, 339-528	5-2	52
264	Use of lanthanides to alleviate the effects of metal ion-deficiency in <i>Desmodesmus quadricauda</i> (Sphaeropleales, Chlorophyta). <i>Frontiers in Microbiology</i> , <b>2015</b> , 6, 2	5-7	50
263	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> , <b>2011</b> , 72, 2342-51	4-5	50
262	Novel brominated lipidic compounds from lichens of central Asia. <i>Phytochemistry</i> , <b>1999</b> , 51, 963-8	4	49
261	Identification of astaxanthin diglucoside diesters from snow alga <i>Chlamydomonas nivalis</i> by liquid chromatography-atmospheric pressure chemical ionization mass spectrometry. <i>Phytochemistry</i> , <b>2008</b> , 69, 479-90	4	48
260	Hirtusneanoside, an unsymmetrical dimeric tetrahydroxanthone from the lichen <i>Usnea hirta</i> . <i>Journal of Natural Products</i> , <b>2007</b> , 70, 1487-91	4-9	48
259	Do we need new antibiotics? The search for new targets and new compounds. <i>Journal of Industrial Microbiology and Biotechnology</i> , <b>2010</b> , 37, 1241-8	4-2	47
258	Lipid compounds of freshwater sponges: family Spongillidae, class Demospongiae. <i>Chemistry and Physics of Lipids</i> , <b>2003</b> , 123, 117-55	3-7	47
257	Determination of fatty acids in algae by capillary gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , <b>1983</b> , 268, 71-78	4-5	47
256	Rhamnolipid-producing thermophilic bacteria of species <i>Thermus</i> and <i>Meiothermus</i> . <i>Extremophiles</i> , <b>2011</b> , 15, 697-709	3	46
255	Fatty acid composition of six freshwater wild cyanobacterial species. <i>Folia Microbiologica</i> , <b>2003</b> , 48, 71-52.8	5-2	45
254	subsp. , subsp. nov. ( <i>Chlamydomonadales</i> , Chlorophyta): re-examination of a snow alga from the High Tatra Mountains (Slovakia). <i>Fottea</i> , <b>2018</b> , 18, 1-18	1-6	44
253	Identification of fatty acids from <i>Cladonia</i> lichens. <i>Phytochemistry</i> , <b>1991</b> , 30, 4015-4018	4	42
252	Identification of very long polyenoic acids as picolinyl esters by Ag <sup>+</sup> ion-exchange high-performance liquid chromatography, reversed-phase high-performance liquid chromatography and gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , <b>1990</b> , 513, 344-348	4-5	41
251	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> , <b>2017</b> , 22, 160-165	5	40

250	Trachydiscus minutus, a new biotechnological source of eicosapentaenoic acid. <i>Folia Microbiologica</i> , <b>2010</b> , 55, 265-9	2.8	40
249	Lactones from the soft corals Sarcophyton trocheliophorum and Lithophyton arboreum. <i>Tetrahedron</i> , <b>2001</b> , 57, 8743-8749	2.4	39
248	Glycosidic compounds of murolic, protoconstipatic and allo-murolic acids from lichens of Central Asia. <i>Phytochemistry</i> , <b>2000</b> , 54, 635-45	4	39
247	Lipid composition of three macrophytes from the Caspian Sea. <i>Phytochemistry</i> , <b>1993</b> , 33, 1015-1019	4	38
246	Long-chain fatty acids from Monascus purpureus. <i>Phytochemistry</i> , <b>1996</b> , 43, 151-153	4	37
245	Gas chromatography-mass spectrometry and desorption chemical ionization mass spectrometry of triacylglycerols from the green alga chlorella kessleri. <i>Journal of Chromatography A</i> , <b>1986</b> , 355, 265-271	4.5	37
244	Polyunsaturated and unusual fatty acids from slime moulds. <i>Phytochemistry</i> , <b>1993</b> , 33, 1441-1444	4	36
243	The Use of APCI-MS with HPLC and Other Separation Techniques for Identification of Carotenoids and Related Compounds. <i>Current Analytical Chemistry</i> , <b>2009</b> , 5, 1-25	1.7	33
242	Lincomycin, cultivation of producing strains and biosynthesis. <i>Applied Microbiology and Biotechnology</i> , <b>2004</b> , 63, 510-9	5.7	33
241	Substances isolated from Mandragora species. <i>Phytochemistry</i> , <b>2005</b> , 66, 2408-17	4	33
240	Fatty acids and phospholipids from lichens of the order lecanorales. <i>Phytochemistry</i> , <b>1992</b> , 31, 851-853	4	32
239	Odd-numbered very-long-chain polyunsaturated fatty acids from the dinoflagellate Amphidinium carterae identified by atmospheric pressure chemical ionization liquid chromatography-mass spectrometry. <i>Phytochemistry</i> , <b>2008</b> , 69, 2849-55	4	31
238	Pharmacologically Active Sulfur-Containing Compounds. <i>Anti-Infective Agents in Medicinal Chemistry</i> , <b>2006</b> , 5, 187-224		31
237	The very long chain fatty acids of the green alga, Chlorella kessleri. <i>Lipids</i> , <b>1984</b> , 19, 472-473	1.6	31
236	Unusual medium-chain polyunsaturated fatty acids from the snow alga Chloromonas brevispina. <i>Microbiological Research</i> , <b>2008</b> , 163, 373-9	5.3	30
235	Use of the industrial yeast Candida utilis for cadmium sorption. <i>Folia Microbiologica</i> , <b>2006</b> , 51, 257-60	2.8	30
234	Metabolism of $\beta$ -threonine and fatty acids and tylosin biosynthesis in Streptomyces fradiae. <i>FEMS Microbiology Letters</i> , <b>1988</b> , 49, 411-415	2.9	30
233	Regioisomeric and enantiomeric analysis of triacylglycerols. <i>Analytical Biochemistry</i> , <b>2017</b> , 524, 3-12	3.1	29

232	Lipidomic analysis of the extremophilic red alga <i>Galdieria sulphuraria</i> in response to changes in pH. <i>Algal Research</i> , <b>2016</b> , 13, 218-226	5	29
231	Prenylated xanthone glucosides from Ural <sup>®</sup> lichen <i>Umbilicaria proboscidea</i> . <i>Phytochemistry</i> , <b>2003</b> , 62, 607-12	4	29
230	Brominated Depsidones from <i>Acarospora gobiensis</i> , a Lichen of Central Asia. <i>Journal of Natural Products</i> , <b>1999</b> , 62, 1675-1677	4.9	29
229	Hydrophilic interaction liquid chromatography: ESI-MS/MS of plasmalogen phospholipids from <i>Pectinatus bacterium</i> . <i>Lipids</i> , <b>2011</b> , 46, 765-80	1.6	28
228	Distribution of diacylglycerylhomoserines, phospholipids and fatty acids in thirteen moss species from Southwestern Siberia. <i>Biochemical Systematics and Ecology</i> , <b>1995</b> , 23, 71-78	1.4	28
227	Identification of very long chain unsaturated fatty acids from Ximenia oil by atmospheric pressure chemical ionization liquid chromatography-mass spectroscopy. <i>Phytochemistry</i> , <b>2007</b> , 68, 925-34	4	27
226	Metabolites produced by cyanobacteria belonging to several species of the family Nostocaceae. <i>Folia Microbiologica</i> , <b>2006</b> , 51, 159-82	2.8	27
225	Analysis of very long chain polyunsaturated fatty acids using high-performance liquid chromatography - atmospheric pressure chemical ionization mass spectrometry. <i>Biochemical Systematics and Ecology</i> , <b>2000</b> , 28, 847-856	1.4	27
224	Lipidomic analysis of bacterial plasmalogens. <i>Folia Microbiologica</i> , <b>2012</b> , 57, 463-72	2.8	26
223	Distribution of acetylenic acids and polar lipids in some aquatic bryophytes. <i>Phytochemistry</i> , <b>1995</b> , 40, 93-97	4	26
222	Fatty acid composition of <i>Parmelia</i> lichens. <i>Phytochemistry</i> , <b>1992</b> , 31, 841-843	4	26
221	Lipid accumulation by oleaginous and non-oleaginous yeast strains in nitrogen and phosphate limitation. <i>Folia Microbiologica</i> , <b>2016</b> , 61, 431-8	2.8	26
220	Effect of starvation on the distribution of positional isomers and enantiomers of triacylglycerol in the diatom <i>Phaeodactylum tricorutum</i> . <i>Phytochemistry</i> , <b>2012</b> , 80, 17-27	4	25
219	Changes in membrane plasmalogens of <i>Clostridium pasteurianum</i> during butanol fermentation as determined by lipidomic analysis. <i>PLoS ONE</i> , <b>2015</b> , 10, e0122058	3.7	25
218	Polar lipids and fatty acids of three wild cyanobacterial strains of the genus <i>Chroococidiopsis</i> . <i>Folia Microbiologica</i> , <b>2003</b> , 48, 781-6	2.8	25
217	Secondary metabolites of slime molds (myxomycetes). <i>Phytochemistry</i> , <b>2005</b> , 66, 747-69	4	25
216	Brominated fatty acids from lichen <i>Acarospora gobiensis</i> . <i>Phytochemistry</i> , <b>1999</b> , 50, 97-99	4	25
215	Lipidomic profiling of snow algae by ESI-MS and silver-LC/APCI-MS. <i>Phytochemistry</i> , <b>2014</b> , 100, 34-42	4	24

214	Hydrocarbons in green and blue-green algae. <i>Folia Microbiologica</i> , <b>1982</b> , 27, 450-4	2.8	24
213	Production of Palmitoleic and Linoleic Acid in Oleaginous and Nonoleaginous Yeast Biomass. <i>International Journal of Analytical Chemistry</i> , <b>2016</b> , 2016, 7583684	1.4	24
212	The effect of lanthanides on photosynthesis, growth, and chlorophyll profile of the green alga <i>Desmodesmus quadricauda</i> . <i>Photosynthesis Research</i> , <b>2016</b> , 130, 335-346	3.7	24
211	Identification of regioisomers and enantiomers of triacylglycerols in different yeasts using reversed- and chiral-phase LC-MS. <i>Journal of Separation Science</i> , <b>2013</b> , 36, 3310-20	3.4	23
210	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> , <b>2007</b> , 3, 252-271	1.7	23
209	Variability of fatty acid components of marine and freshwater gastropod species from the littoral zone of the Red Sea, Mediterranean Sea, and Sea of Galilee. <i>Biochemical Systematics and Ecology</i> , <b>2002</b> , 30, 819-835	1.4	23
208	Variability of the fatty acids of the marine green algae belonging to the genus <i>Codium</i> . <i>Biochemical Systematics and Ecology</i> , <b>2003</b> , 31, 1125-1145	1.4	23
207	Chromatography of long chain alcohols (polyprenols) from animal and plant sources. <i>Journal of Chromatography A</i> , <b>2001</b> , 936, 95-110	4.5	23
206	Analysis of Polyunsaturated Fatty Acids Using High Performance Liquid Chromatography □ Atmospheric Pressure Chemical Ionization Mass Spectrometry. <i>Journal of High Resolution Chromatography</i> , <b>2000</b> , 23, 338-342		23
205	Acetylenic acids and lipid compositions of some mosses from Russia. <i>Phytochemistry</i> , <b>1993</b> , 33, 1021-1027		23
204	Unusual Hydroxy fatty acids from some higher fungi. <i>Phytochemistry</i> , <b>1993</b> , 34, 1057-1059	4	22
203	New yeast-based approaches in production of palmitoleic acid. <i>Bioresource Technology</i> , <b>2015</b> , 192, 726-341		21
202	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> , <b>2018</b> , 53, 230-243	2.2	21
201	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> , <b>2013</b> , 88, 34-42	4	21
200	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> , <b>2011</b> , 47, 1152-63	3	21
199	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> , <b>2008</b> , 69, 2391-9	4	21
198	Identification of very long chain fatty acids by atmospheric pressure chemical ionization liquid chromatography-mass spectroscopy from green alga <i>Chlorella kessleri</i> . <i>Journal of Separation Science</i> , <b>2002</b> , 25, 1332-1336	3.4	21
197	Chagosensine, a New Chlorinated Macrolide from the Red Sea Sponge <i>Leucetta chagosensis</i> . <i>European Journal of Organic Chemistry</i> , <b>2003</b> , 2003, 4073-4079	3.2	21

196	Isoprenoid Polyunsaturated Fatty Acids from Freshwater Sponges. <i>Journal of Natural Products</i> , <b>1993</b> , 56, 1898-1904	4.9	21
195	Brewer's Yeast as a New Source of Palmitoleic Acid—Analysis of Triacylglycerols by LC/MS. <i>Journal of the American Oil Chemists Society</i> , <b>2013</b> , 90, 1327-1342	1.8	20
194	Chromatography of very long-chain fatty acids from animal and plant kingdoms. <i>Analytica Chimica Acta</i> , <b>2002</b> , 465, 273-297	6.6	20
193	Macrolactone glycosides of three lichen acids from <i>Acarospora gobiensis</i> , a lichen of Central Asia. <i>Phytochemistry</i> , <b>2001</b> , 58, 1281-7	4	20
192	Analysis of sterol esters from alga and yeast by high-performance liquid chromatography and capillary gas chromatography-mass spectrometry with chemical ionization. <i>Journal of Chromatography A</i> , <b>1992</b> , 598, 219-26	4.5	20
191	Polar lipid and fatty acid composition of some bryophytes. <i>Phytochemistry</i> , <b>1993</b> , 33, 1009-1014	4	20
190	Brominated Oxylipins and Oxylipin Glycosides from Red Sea Corals. <i>European Journal of Organic Chemistry</i> , <b>2003</b> , 2003, 309-316	3.2	19
189	Fulcineroside, an Unusual Glycosidic Dibenzofuran Metabolite from the Slime Mold <i>Fuligo cinerea</i> (Schwein.) Morgan. <i>European Journal of Organic Chemistry</i> , <b>2005</b> , 2005, 2708-2714	3.2	19
188	Multibranched polyunsaturated and very-long-chain fatty acids of freshwater Israeli sponges. <i>Journal of Natural Products</i> , <b>2002</b> , 65, 709-13	4.9	19
187	Preparative separation of algal polar lipids and of individual molecular species by high-performance liquid chromatography and their identification by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , <b>1989</b> , 463, 397-408	4.5	19
186	Identification of sterols and alcohols produced by green algae of the genera <i>Chlorella</i> and <i>Scenedesmus</i> by means of gas chromatography-mass spectrometry. <i>Folia Microbiologica</i> , <b>1986</b> , 31, 44-49	2.8	19
185	Production of structured triacylglycerols from microalgae. <i>Phytochemistry</i> , <b>2014</b> , 104, 95-104	4	18
184	Separation of enantiomeric triacylglycerols by chiral-phase HPLC. <i>Lipids</i> , <b>2014</b> , 49, 1251-60	1.6	18
183	RP-HPLC/MS-APCI analysis of branched chain TAG prepared by precursor-directed biosynthesis with <i>Rhodococcus erythropolis</i> . <i>Lipids</i> , <b>2010</b> , 45, 743-56	1.6	18
182	Glycosides of polyenoic branched fatty acids from myxomycetes. <i>Phytochemistry</i> , <b>2002</b> , 60, 639-46	4	18
181	Glycoside esters from lichens of central Asia. <i>Phytochemistry</i> , <b>2001</b> , 58, 509-16	4	18
180	Identification of very-long-chain fatty acids in rat and mouse harderian gland lipids by capillary gas chromatography-mass spectrometry. <i>Biomedical Applications</i> , <b>1988</b> , 431, 231-8		18
179	Hopanoids in Bacteria and Cyanobacteria—Their Role in Cellular Biochemistry and Physiology, Analysis and Occurrence. <i>Mini-Reviews in Organic Chemistry</i> , <b>2010</b> , 7, 300-313	1.7	17



178	RP-HPLC/MS-APCI analysis of odd-chain TAGs from <i>Rhodococcus erythropolis</i> including some regioisomers. <i>Chemistry and Physics of Lipids</i> , <b>2010</b> , 163, 373-80	3.7	17
177	Five new derivatives of nonactic and homo-nonactic acids from <i>Streptomyces globisporus</i> . <i>Tetrahedron</i> , <b>2004</b> , 60, 4781-4787	2.4	17
176	Identification of <i>Streptomyces odor</i> spectrum. <i>Folia Microbiologica</i> , <b>2002</b> , 47, 37-41	2.8	17
175	Further glucosides of lichens Acids from Central Asian lichens. <i>Phytochemistry</i> , <b>2001</b> , 56, 181-8	4	17
174	Very-long-chain fatty acids from lower organism. <i>Folia Microbiologica</i> , <b>1987</b> , 32, 149-76	2.8	17
173	Identification of the Eight-Membered Heterocycles Hicksoanes AII from the Gorgonian <i>Subergorgia hicksoni</i> . <i>European Journal of Organic Chemistry</i> , <b>2008</b> , 2008, 1265-1270	3.2	16
172	Storage lipid dynamics in somatic embryos of Norway spruce ( <i>Picea abies</i> ): histochemical and quantitative analyses. <i>Tree Physiology</i> , <b>2007</b> , 27, 1533-40	4.2	16
171	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> , <b>2006</b> , 20, 969-80	2.3	16
170	Unusual and very long-chain fatty acids produced by Basidiomycetes. <i>Journal of Chromatography A</i> , <b>1987</b> , 409, 390-5	4.5	16
169	Fatty acids of <i>Streptomyces cinnamomensis</i> , producer of monensin. <i>Folia Microbiologica</i> , <b>1984</b> , 29, 217-218	2.8	16
168	Lipidomic analysis of psychrophilic yeasts cultivated at different temperatures. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2016</b> , 1861, 1634-1642	5	15
167	Regioisomer separation and identification of triacylglycerols containing vaccenic and oleic acids, and $\beta$ -linolenic acids, in thermophilic cyanobacteria <i>Mastigocladus laminosus</i> and <i>Tolypothrix</i> sp. <i>Phytochemistry</i> , <b>2012</b> , 78, 147-55	4	15
166	Glycosides of aryl-naphthalene lignans from <i>Acanthus mollis</i> having axial chirality. <i>Phytochemistry</i> , <b>2009</b> , 70, 1049-54	4	15
165	Sinaicinone, a complex adamantanyl derivative from <i>Hypericum sinaicum</i> . <i>Phytochemistry</i> , <b>2007</b> , 68, 1272-6	4.6	15
164	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> , <b>2007</b> , 52, 246-52	2.8	15
163	Lytophilippines AII: novel macrolactones from the Red Sea hydroid <i>Lytocarpus philippinus</i> . <i>Tetrahedron</i> , <b>2004</b> , 60, 12191-12199	2.4	15
162	Polypropionate lactones of deoxysugars glycosides from slime mold <i>Lycogala epidendrum</i> . <i>Phytochemistry</i> , <b>2003</b> , 63, 945-52	4	15
161	Seasonal variability of lipids and fatty acids in the tree-growing lichen <i>Xanthoria parietina</i> L.. <i>Journal of Experimental Botany</i> , <b>1994</b> , 45, 403-408	7	15



160	Gradient separation of fatty acids (C14?C30) by reversed-phase high-performance liquid chromatography. <i>Journal of Chromatography A</i> , <b>1985</b> , 346, 453-455	4.5	15
159	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> , <b>2017</b> , 139, 88-97	4	14
158	Characterization of the catabolic pathway of diclofenac in <i>Raoultella</i> sp. KDF8. <i>International Biodeterioration and Biodegradation</i> , <b>2019</b> , 137, 88-94	4.8	14
157	Precursor directed biosynthesis of odd-numbered fatty acids by different yeasts. <i>Folia Microbiologica</i> , <b>2015</b> , 60, 457-64	2.8	14
156	LC-ESI-MS/MS identification of polar lipids of two thermophilic Anoxybacillus bacteria containing a unique lipid pattern. <i>Lipids</i> , <b>2012</b> , 47, 729-39	1.6	14
155	N-acylated bacteriohopanehexol-mannosamides from the thermophilic bacterium <i>Alicyclobacillus acidoterrestris</i> . <i>Lipids</i> , <b>2011</b> , 46, 249-61	1.6	14
154	The tornabeatins, four tetrahydro-2-furanone derivatives from the lichenized ascomycete <i>Tornabea scutellifera</i> (With.) J.R. Laundon. <i>Phytochemistry</i> , <b>2004</b> , 65, 2605-12	4	14
153	Removal of copper ions from dilute solutions by <i>Streptomyces noursei</i> mycelium. Comparison with yeast biomass. <i>Folia Microbiologica</i> , <b>2005</b> , 50, 309-13	2.8	14
152	Bromoallenlic lipid compounds from lichens of central Asia. <i>Phytochemistry</i> , <b>2001</b> , 56, 869-74	4	14
151	Furan fatty acids of some brackish invertebrates from the Caspian sea. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>1996</b> , 114, 317-320	2.3	14
150	Seasonal variation of lipids and fatty acids from tree-growing lichens of the genus <i>Physcia</i> . <i>Phytochemistry</i> , <b>1994</b> , 36, 601-608	4	14
149	Arsenolipids in the green alga <i>Coccomyxa</i> (Trebouxiophyceae, Chlorophyta). <i>Phytochemistry</i> , <b>2019</b> , 164, 243-251	4	13
148	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> , <b>2018</b> , 148, 29-38	4	13
147	Identification of very long chain fatty acids from sugar cane wax by atmospheric pressure chemical ionization liquid chromatography-mass spectroscopy. <i>Phytochemistry</i> , <b>2006</b> , 67, 916-23	4	13
146	Identification of acylated xanthone glycosides by liquid chromatography-atmospheric pressure chemical ionization mass spectrometry in positive and negative modes from the lichen <i>Umbilicaria proboscidea</i> . <i>Journal of Chromatography A</i> , <b>2003</b> , 995, 109-18	4.5	13
145	Very long chain polyunsaturated fatty acids in crustacea of the order Bathynellacea. <i>Biochemical Systematics and Ecology</i> , <b>1999</b> , 27, 551-558	1.4	13
144	Unusually high levels of eicosatetraenoic, eicosapentaenoic, and docosahexaenoic fatty acids in Palestinian freshwater sponges. <i>Lipids</i> , <b>1996</b> , 31, 647-50	1.6	13
143	Potential of the strain <i>Raoultella</i> sp. KDF8 for removal of analgesics. <i>Folia Microbiologica</i> , <b>2018</b> , 63, 273-282		13

142	Lipidomic Analysis: From Archaea to Mammals. <i>Lipids</i> , <b>2018</b> , 53, 5-25	1.6	12
141	Ecophysiology of sp. nov. (Chlorophyceae), Causing Orange Snow Blooms at Different Light Conditions. <i>Microorganisms</i> , <b>2019</b> , 7,	4.9	12
140	Glycosides of benzodioxole-indole alkaloids from Narcissus having axial chirality. <i>Phytochemistry</i> , <b>2010</b> , 71, 301-6	4	12
139	A biaryl xanthone derivative having axial chirality from <i>Penicillium vinaceum</i> . <i>Journal of Natural Products</i> , <b>2008</b> , 71, 820-3	4.9	12
138	Medicinal Use of Lincosamides and Microbial Resistance to Them. <i>Anti-Infective Agents in Medicinal Chemistry</i> , <b>2007</b> , 6, 133-144		12
137	Acetylenic fatty acids of the dicranaceae. <i>Phytochemistry</i> , <b>1994</b> , 36, 685-689	4	12
136	Lipid composition of some lichens. <i>Phytochemistry</i> , <b>1992</b> , 31, 1617-1620	4	12
135	Screening for strains of the genus <i>Mortierella</i> , showing elevated production of highly unsaturated fatty acids. <i>Folia Microbiologica</i> , <b>1990</b> , 35, 578-582	2.8	12
134	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> , <b>2017</b> , 33, 205	4.4	11
133	Temperature dependence of production of structured triacylglycerols in the alga <i>Trachydiscus minutus</i> . <i>Phytochemistry</i> , <b>2015</b> , 110, 37-45	4	11
132	Fatty acids, unusual glycolipids and DNA analyses of thermophilic bacteria isolated from hot springs. <i>Extremophiles</i> , <b>2009</b> , 13, 101-9	3	11
131	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> , <b>2009</b> , 70, 655-63	4	11
130	Branched and very long-chain dicarboxylic acids from <i>Equisetum</i> species. <i>Phytochemistry</i> , <b>1998</b> , 47, 1539-1543	4	11
129	Eight-Membered Cyclic 1,2,3-Trithiocane Derivatives from <i>Perophora viridis</i> , an Atlantic Tunicate. <i>European Journal of Organic Chemistry</i> , <b>2002</b> , 2002, 2400	3.2	11
128	Polyhalogenated homosesquiterpenic fatty acids from <i>Plocamium cartilagineum</i> . <i>Phytochemistry</i> , <b>2001</b> , 57, 607-11	4	11
127	Fatty acids of lichen species from Tian Shan Mountains. <i>Folia Microbiologica</i> , <b>1999</b> , 44, 643-646	2.8	11
126	Molecular species of wax esters in <i>Cereus peruvianus</i> . <i>Phytochemistry</i> , <b>1996</b> , 42, 1075-1080	4	11
125	Identification of odorous compounds from <i>Streptomyces avermitilis</i> . <i>Biotechnology Letters</i> , <b>1994</b> , 16, 75-78	3	11

124	Analysis of human blood plasma triacylglycerols using capillary gas chromatography, silver ion thin-layer chromatographic fractionation and desorption chemical ionization mass spectrometry. <i>Biomedical Applications</i> , <b>1991</b> , 568, 1-10		11
123	Effect of cultivation temperature and light intensity on fatty acid production in the red alga <i>Prophyridium cruentum</i> . <i>Journal of Basic Microbiology</i> , <b>1987</b> , 27, 275-278	2.7	11
122	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> , <b>2016</b> , 130, 64-76	4	11
121	Lipidomics as an important key for the identification of beer-spoilage bacteria. <i>Letters in Applied Microbiology</i> , <b>2015</b> , 60, 536-43	2.9	10
120	Enantiomeric separation of triacylglycerols containing very long chain fatty acids. <i>Journal of Chromatography A</i> , <b>2018</b> , 1557, 9-19	4.5	10
119	Isolation and identification of siderophores produced by cyanobacteria. <i>Folia Microbiologica</i> , <b>2018</b> , 63, 569-579	2.8	10
118	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> , <b>2017</b> , 2017, 8195329	1.4	10
117	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> , <b>2010</b> , 63, 524-9	3.7	10
116	Identification of volatile metabolites from rice fermented by the fungus <i>Monascus purpureus</i> (Ang-kak). <i>Folia Microbiologica</i> , <b>1998</b> , 43, 407-410	2.8	10
115	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> , <b>2006</b> , 2006, 4277-4284	3.2	10
114	Ten-Membered Substituted Cyclic 2-Oxecanone (Decalactone) Derivatives from <i>Latrunculia corticata</i> , a Red Sea Sponge. <i>European Journal of Organic Chemistry</i> , <b>2003</b> , 2003, 2144-2152	3.2	10
113	Characterization of the hydroxy fatty acid content of Basidiomycotina. <i>Folia Microbiologica</i> , <b>1999</b> , 44, 635-641	2.8	10
112	Hydrocarbons in adult <i>Chrysomela vigintipunctata</i> (Scopoli) (Coleoptera: Chrysomelidae). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>1999</b> , 123, 67-77	2.3	10
111	Comparative study of the endemic freshwater fauna of Lake Baikal VI. Unusual fatty acid and lipid composition of the endemic sponge <i>Lubomirskia baicalensis</i> and its amphipod crustacean parasite <i>Brandtia</i> ( <i>Spinacanthus</i> ) <i>parasitica</i> . <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , <b>1994</b> , 109, 415-426		10
110	Enantiomeric separation of triacylglycerols containing polyunsaturated fatty acids with 18 carbon atoms. <i>Journal of Chromatography A</i> , <b>2016</b> , 1467, 261-269	4.5	10
109	Extraction of brewer's yeasts using different methods of cell disruption for practical biodiesel production. <i>Folia Microbiologica</i> , <b>2015</b> , 60, 225-34	2.8	9
108	Enhancing the lipid productivity of yeasts with trace concentrations of iron nanoparticles. <i>Folia Microbiologica</i> , <b>2016</b> , 61, 329-35	2.8	9
107	Structural analysis of mycolic acids from phenol-degrading strain of <i>Rhodococcus erythropolis</i> by liquid chromatography-tandem mass spectrometry. <i>Folia Microbiologica</i> , <b>2012</b> , 57, 473-83	2.8	9

106	Tetratriacontanonaenoic acid, first natural acid with nine double bonds isolated from a crustacean <i>Bathynella natans</i> . <i>Tetrahedron</i> , <b>2004</b> , 60, 4261-4264	2.4	9
105	Enteridinines A and B from slime mold <i>Enteridium lycoperdon</i> . <i>Phytochemistry</i> , <b>2004</b> , 65, 455-62	4	9
104	Fatty Acids, Phospholipids, and the Betaine Lipid DGTS from the Aquatic Fern <i>Salvinia natans</i> . <i>Chemistry of Natural Compounds</i> , <b>2005</b> , 41, 487-490	0.7	9
103	Comparative study of the endemic freshwater fauna of Lake Baikal-VII. Carotenoid composition of the deep-water amphipod crustacean <i>Acanthogammarus (Brachyropus) grewingkii</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>1996</b> , 114, 383-387	2.3	9
102	Identification of fatty acids longer than C32 in a sulphate-reducing bacterium by reversed-phase high-performance liquid chromatography gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , <b>1990</b> , 508, 275-277	4.5	9
101	Fatty acids and production of tylosin-like compounds in <i>Streptomyces fradiae</i> . <i>Journal of Basic Microbiology</i> , <b>1987</b> , 27, 167-71	2.7	9
100	Separation and identification of lipids and fatty acids of the marine alga <i>Fucus vesiculosus</i> by TLC and GC/MS. <i>Folia Microbiologica</i> , <b>1988</b> , 33, 309-313	2.8	9
99	Biogenesis of antibiotics-viewing its history and glimpses of the future. <i>Folia Microbiologica</i> , <b>2016</b> , 61, 347-58	2.8	9
98	Identity, ecology and ecophysiology of planktic green algae dominating in ice-covered lakes on James Ross Island (northeastern Antarctic Peninsula). <i>Extremophiles</i> , <b>2017</b> , 21, 187-200	3	8
97	Dead <i>Rhizophagus irregularis</i> biomass mysteriously stimulates plant growth. <i>Mycorrhiza</i> , <b>2020</b> , 30, 63-77	3.9	8
96	Direct ESI-MS analysis of O-acyl glycosylated cardiolipins from the thermophilic bacterium <i>Alicyclobacillus acidoterrestris</i> . <i>Chemistry and Physics of Lipids</i> , <b>2009</b> , 161, 115-21	3.7	8
95	Effect of salinity on the formation of avermectins, odor compounds and fatty acids by <i>Streptomyces avermitilis</i> . <i>Folia Microbiologica</i> , <b>1998</b> , 43, 47-50	2.8	8
94	Syriacin, a novel unusual sulfated ceramide glycoside from the freshwater sponge <i>Ephydatia syriaca</i> (Porifera, Demospongiae, Spongillidae). <i>Tetrahedron</i> , <b>2006</b> , 62, 5937-5943	2.4	8
93	A trinor sesterterpene glycoside from the North American fern <i>Woodwardia virginica</i> (L.) Smith. <i>Phytochemistry</i> , <b>2003</b> , 63, 869-75	4	8
92	Sterol compositions of the filamentous nitrogen-fixing terrestrial cyanobacterium <i>Scytonema</i> sp. <i>Folia Microbiologica</i> , <b>2003</b> , 48, 357-60	2.8	8
91	Occurrence of C <sub>40</sub> -C <sub>130</sub> polyisoprenoid alcohols in lower plants. <i>Phytochemistry</i> , <b>1993</b> , 34, 1335-1339	4	8
90	Capillary gas chromatography-mass spectrometry of aliphatic saturated dicarboxylic acid dimethyl esters and direct inlet mass spectrometry of the corresponding free acids. <i>Journal of Chromatography A</i> , <b>1987</b> , 408, 145-155	4.5	8
89	Estimation of lipase activity by the diffusion plate method. <i>Folia Microbiologica</i> , <b>1984</b> , 29, 346-7	2.8	8

88	Altered fatty acid composition in regulatory mutants of <i>Streptomyces cinnamonensis</i> . <i>FEMS Microbiology Letters</i> , <b>1985</b> , 27, 41-43	2.9	8
87	Effect of clomiphene on the content of sterols and fatty acids in <i>Saccharomyces cerevisiae</i> . <i>Folia Microbiologica</i> , <b>1985</b> , 30, 501-5	2.8	8
86	Comparative analysis of triacylglycerols from different <i>Stichococcus</i> strains by RP-HPLC/APCI-MS and chiral HPLC. <i>Journal of Applied Phycology</i> , <b>2015</b> , 27, 685-696	3.2	7
85	Identification of plasmalogen cardiolipins from <i>Pecten</i> by liquid chromatography-high resolution electrospray ionization tandem mass spectrometry. <i>Lipids</i> , <b>2013</b> , 48, 1237-51	1.6	7
84	Biosynthesis and metabolic pathways of pivalic acid. <i>Applied Microbiology and Biotechnology</i> , <b>2012</b> , 95, 1371-6	5.7	7
83	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> , <b>2006</b> , 51, 371-4	2.8	7
82	Lycoperdinoside A and B, New Glycosides from the Slime Mold <i>Enteridium lycoperdon</i> . <i>European Journal of Organic Chemistry</i> , <b>2004</b> , 2004, 995-1001	3.2	7
81	Two-dimensional separation of fatty acids by thin-layer chromatography on urea and silver nitrate silica gel plates. <i>Journal of Chromatography A</i> , <b>1996</b> , 727, 147-152	4.5	7
80	Comparative study of the endemic freshwater fauna of Lake Baikal II. Unusual lipid composition of two sponge species <i>Baicalospongia bacillifera</i> and <i>Baicalospongia intermedia</i> (family lubomirskiidae, class demospongiae). <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , <b>1993</b> , 106, 825-831		7
79	Effects of rare earth elements on growth rate, lipids, fatty acids and pigments in microalgae. <i>Phycological Research</i> , <b>2017</b> , 65, 226-234	1.3	6
78	Separation and Identification of Odd Chain Triacylglycerols of the Protozoan <i>Khawkinia quartana</i> and the Mold <i>Mortierella alpina</i> Using LC-MS. <i>Lipids</i> , <b>2015</b> , 50, 811-20	1.6	6
77	Separation of triacylglycerols containing allenic and acetylenic fatty acids by enantiomeric liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , <b>2020</b> , 1623, 461161	4.5	6
76	The genus <i>Dracunculus</i> --a source of triacylglycerols containing odd-numbered $\beta$ -phenyl fatty acids. <i>Phytochemistry</i> , <b>2011</b> , 72, 1914-26	4	6
75	Fermentation odor and bioprocess scale-up. <i>Bioprocess and Biosystems Engineering</i> , <b>1998</b> , 19, 159		6
74	Four New Derivatives of Trihomomonactinic Acids from <i>Streptomyces globisporus</i> . <i>European Journal of Organic Chemistry</i> , <b>2004</b> , 2004, 4239-4244	3.2	6
73	Two cyclohexenone glycosides from the North American fern <i>Woodwardia virginica</i> (L.) Smith. <i>Phytochemistry</i> , <b>2003</b> , 63, 931-7	4	6
72	The occurrence and structural identification of long-chain unsaturated ketones in the deep-lake invertebrate <i>Acanthogammarus growingkii</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>1995</b> , 111, 249-255	2.3	6
71	Quantitative analysis of fatty acid methyl esters by capillary gas chromatography with flame-ionization detection: quadrupole and sector mass spectrometer. <i>Folia Microbiologica</i> , <b>1989</b> , 34, 165-9	2.8	6

70	Capillary gas chromatography-mass spectrometry of very-long-chain $\beta$ -dicarboxylic acid dimethyl esters from equisetum (horsetail). <i>Journal of Chromatography A</i> , <b>1989</b> , 465, 390-394	4.5	6
69	Preparative separation of sphingolipids and of individual molecular species by high-performance liquid chromatography and their identification by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , <b>1990</b> , 509, 333-46	4.5	6
68	Biosynthesis of avermectins and lipids in. <i>FEMS Microbiology Letters</i> , <b>1990</b> , 70, 291-294	2.9	6
67	Effect of clomiphene on fatty acids, sterols and membrane fluidity in clavine producing <i>Claviceps purpurea</i> strains. <i>Biochemical and Biophysical Research Communications</i> , <b>1988</b> , 152, 190-6	3.4	6
66	Cysts of the Snow Alga (Chlorophyceae) Show Increased Tolerance to Ultraviolet Radiation and Elevated Visible Light. <i>Frontiers in Plant Science</i> , <b>2020</b> , 11, 617250	6.2	6
65	Very-long-chain alkyl esters in <i>Cereus Peruvianus</i> wax. <i>Phytochemistry</i> , <b>1998</b> , 47, 1145-1148	4	6
64	Effect of the anti-inflammatory drug diclofenac on lipid composition of bacterial strain <i>Raoultella</i> sp. KDF8. <i>Folia Microbiologica</i> , <b>2020</b> , 65, 763-773	2.8	5
63	Lipidomic analysis of two closely related strains of the microalga <i>Parietochloris</i> (Trebouxiophyceae, Chlorophyta). <i>Algal Research</i> , <b>2017</b> , 25, 473-482	5	5
62	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> , <b>2011</b> , 13, 1577-89	5.2	5
61	Biosynthesis of $\beta$ -lactone 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> , <b>2011</b> , 15, 423-9	3	5
60	Identification of (S)-11-cycloheptyl-4-methylundecanoic acid in acylphosphatidylglycerol from <i>Alicyclobacillus acidoterrestris</i> . <i>Chemistry and Physics of Lipids</i> , <b>2009</b> , 159, 104-13	3.7	5
59	Relationship between volatile odorous substances and production of avermectins by <i>Streptomyces avermitilis</i> . <i>Folia Microbiologica</i> , <b>2007</b> , 52, 26-30	2.8	5
58	Comparative study of the endemic freshwater fauna of Lake BaikalIII. Phospholipid and fatty acid compositions of the amphipod crustacean of the genus <i>Eulimnogammarus</i> . <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , <b>1994</b> , 107, 317-323		5
57	Comparative study of the endemic freshwater fauna of Lake BaikalIV. Phospholipid and fatty acid composition of the deep-water amphipod crustacean <i>Acanthogammarus</i> ( <i>Brachyropus</i> ) <i>grewingkii</i> . <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , <b>1994</b> , 108, 443-448		5
56	Changes in fatty acid branching and unsaturation of <i>Streptomyces cinnamomensis</i> as a response to NaCl concentration. <i>Folia Microbiologica</i> , <b>1994</b> , 39, 187-190	2.8	5
55	Taxonomic studies of <i>Streptomyces virginiae</i> mutants overproducing virginiamycin M1. <i>Folia Microbiologica</i> , <b>1992</b> , 37, 105-10	2.8	5
54	Comparative study of the endemic freshwater fauna of lake baikalII Phospholipid and fatty acid composition of two mollusc species, <i>Baicalia oviformis</i> and <i>Benedictia baicalensis</i> . <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , <b>1993</b> , 106, 819-823		5
53	Plasmalogens - Ubiquitous molecules occurring widely, from anaerobic bacteria to humans. <i>Progress in Lipid Research</i> , <b>2021</b> , 83, 101111	14.3	5



52	Siderophores: Amazing Metabolites of Microorganisms. <i>Studies in Natural Products Chemistry</i> , <b>2019</b> , 157-188	1.8	5
51	Isobutyrate as a precursor of n-butyrate in the biosynthesis of tylosine and fatty acids. <i>FEMS Microbiology Letters</i> , <b>1991</b> , 68, 33-6	2.9	5
50	Identification and Characterization of Phospholipids with Very Long Chain Fatty Acids in Brewer's Yeast. <i>Lipids</i> , <b>2017</b> , 52, 1007-1017	1.6	4
49	Wax Ester Analysis of Bats Suffering from White Nose Syndrome in Europe. <i>Lipids</i> , <b>2015</b> , 50, 633-45	1.6	4
48	Enantiomeric separation of triacylglycerols containing fatty acids with a ring (cyclofatty acids). <i>Journal of Chromatography A</i> , <b>2020</b> , 1622, 461103	4.5	4
47	Influencing fatty acid composition of yeasts by lanthanides. <i>World Journal of Microbiology and Biotechnology</i> , <b>2016</b> , 32, 126	4.4	4
46	Rapid screening of very long-chain fatty acids from microorganisms. <i>Journal of Chromatography A</i> , <b>2019</b> , 1605, 460365	4.5	4
45	Fatty Acid Profiles of Main Lipid Classes in Adult <i>Chrysomela vigintipunctata</i> (Scopoli) (Coleoptera:Chrysomelidae). <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , <b>2000</b> , 55, 661-666	1.7	4
44	Phospholipid and fatty acid compositions of the endemic amphipod crustacean <i>Issycogammarus bergi</i> from the brackish mountain lake Issyk-Kul (Tian Shan, Middle Asia). <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , <b>1994</b> , 107, 331-336		4
43	Overproduction of microbial lipids and lipases. <i>Folia Microbiologica</i> , <b>1991</b> , 36, 211-24	2.8	4
42	Fatty acid and phospholipid composition of freshwater molluscs <i>Anadonta piscinalis</i> and <i>Limnaea fragilis</i> from the river volga. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , <b>1993</b> , 105, 597-601		4
41	Effect of triadimefon on lipids, sterols, and membrane fluidity in submerged cultures of <i>claviceps purpurea</i> . <i>Pesticide Biochemistry and Physiology</i> , <b>1989</b> , 34, 211-217	4.9	4
40	Identification of an Unusual 4,5-Dimethyloctanoic Acid, in Submerged Mycelium of <i>Claviceps purpurea</i> . <i>Journal of Natural Products</i> , <b>1987</b> , 50, 335-335	4.9	4
39	The use of different oils for the cultivation of <i>Streptomyces cinnamomensis</i> . <i>Folia Microbiologica</i> , <b>1984</b> , 29, 306-309	2.8	4
38	Optimization of streptomycete strains producing polyether and macrolide antibiotics. <i>Biochemical Society Transactions</i> , <b>1984</b> , 12, 587-9	5.1	4
37	Unicellular versus Filamentous: The Glacial Alga <i>comb. et stat. nov.</i> and Its Ecophysiological Relatedness to (Zygnematophyceae, Streptophyta). <i>Microorganisms</i> , <b>2021</b> , 9,	4.9	4
36	Separation of regioisomers and enantiomers of triacylglycerols containing branched fatty acids (iso and/or anteiso). <i>Electrophoresis</i> , <b>2021</b> , 42, 1832-1843	3.6	4
35	Sphingolipidomics of Thermotolerant Yeasts. <i>Lipids</i> , <b>2018</b> , 53, 627-639	1.6	4



34	Kocuria Bacterial Isolates from Radioactive Springs of Jáchymov spa (Joachimsthal) as Sources of Polyunsaturated Fatty Acids. <i>Lipids</i> , <b>2019</b> , 54, 177-187	1.6	3
33	Phytochemical Analysis and Comparison for Differentiation of <i>Boswellia Carterii</i> and <i>B. Serrata</i> . <i>Natural Product Communications</i> , <b>2007</b> , 2, 1934578X0700200	0.9	3
32	Identification of odorous compounds from nine fermentor-cultivated <i>Streptomyces</i> strains. <i>Folia Microbiologica</i> , <b>2008</b> , 53, 315-8	2.8	3
31	Compounds isolated at the Institute of Microbiology in 1989-2001 and future trends. <i>Folia Microbiologica</i> , <b>2002</b> , 47, 587-639	2.8	3
30	Identification of unusual cyclopropane monounsaturated fatty acids from the deep-water lake invertebrate <i>Acanthogammarus growingkii</i> . <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , <b>1994</b> , 109, 407-413		3
29	Comparative study of the endemic freshwater fauna of Lake Baikal IV. Phospholipid and fatty acid compositions of two gastropod molluscs of the genus <i>Valvata</i> . <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , <b>1994</b> , 107, 325-330		3
28	Regulation of lipid biosynthesis in <i>Chlorella kessleri</i> by clomiphene. <i>Journal of Basic Microbiology</i> , <b>1985</b> , 25, 521-525	2.7	3
27	Fungal Endophytes of Plant Growth Promoters or Potentially Toxinogenic Agents?. <i>Toxins</i> , <b>2022</b> , 14,	4.9	3
26	Growth under Different Trophic Regimes and Synchronization of the Red Microalga. <i>Biomolecules</i> , <b>2021</b> , 11,	5.9	3
25	Separation and identification of diacylglycerols containing branched chain fatty acids by liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , <b>2021</b> , 1635, 461708	4.5	3
24	Ecophysiological and ultrastructural characterisation of the circumpolar orange snow alga compared to the cosmopolitan red snow alga (Chlorophyta). <i>Polar Biology</i> , <b>2021</b> , 44, 105-117	2	3
23	Polydatin and its derivatives inhibit fatty acid desaturases in microorganisms. <i>European Journal of Lipid Science and Technology</i> , <b>2017</b> , 119, 1600369	3	2
22	FATTY ACID AND PHOSPHOLIPID PROFILE OF FRESHWATER SARDINE <i>MIROGREX TERRAESANCTAE</i> FROM THE SEA OF GALILEE. <i>Journal of Food Lipids</i> , <b>2008</b> , 15, 150-163		2
21	Comparative examination of phospholipids and fatty acids from some caspian invertebrates. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , <b>1993</b> , 104, 617-622		2
20	Waste Brewery and Winery Yeast as a Raw Material for Biotechnological Productions. <i>Kvasn Průmysl</i> , <b>2017</b> , 63, 158-162	1.3	2
19	Lipidomic analysis of diatoms cultivated with silica nanoparticles. <i>Phytochemistry</i> , <b>2020</b> , 177, 112452	4	1
18	Lipidomic Study of Precursors of Endocannabinoids in Freshwater Bryozoan <i>Pectinatella magnifica</i> . <i>Lipids</i> , <b>2018</b> , 53, 413-427	1.6	1
17	Very-long-chain alkyl esters in <i>Cereus peruvianus</i> wax. <i>Phytochemistry</i> , <b>1998</b> , 47, 1145-1148	4	1

16	Sterols and fatty acids in <i>Peziza muralis</i> . <i>Canadian Journal of Microbiology</i> , <b>1996</b> , 42, 1176-1178	3.2	1
15	Monosaccharides of the green fresh-water alga <i>Chlorella kessleri</i> . <i>Folia Microbiologica</i> , <b>1983</b> , 28, 287-291	2.8	1
14	Fatty acids of <i>Lactobacillus bulgaricus</i> determined by gas chromatography [Mass spectrometry]. <i>Folia Microbiologica</i> , <b>1983</b> , 28, 470-473	2.8	1
13	Rhamnolipids as a Tool for Eradication of Biofilm. <i>Biomolecules</i> , <b>2021</b> , 11,	5.9	1
12	Alternative sources of omega-3 polyunsaturated fatty acids. <i>Studies in Natural Products Chemistry</i> , <b>2020</b> , 123-159	1.5	1
11	Using nutritional and oxidative stress to increase content of health beneficial fatty acids in oleaginous and non-oleaginous yeasts. <i>Chemical Papers</i> , <b>2016</b> , 70,	1.9	1
10	Metabolic Screening of Wine (Grapevine) Resveratrol. <i>Studies in Natural Products Chemistry</i> , <b>2018</b> , 1-30	1.5	1
9	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> , <b>2021</b> , 1648, 462185	4.5	1
8	Nitrogen regulation of fatty acids and avermectins biosynthesis in <i>Streptomyces avermitilis</i> . <i>FEMS Microbiology Letters</i> , <b>1992</b> , 72, 57-61	2.9	1
7	Biosynthesis of avermectins and lipids in <i>Streptomyces avermitilis</i> . <i>FEMS Microbiology Letters</i> , <b>1990</b> , 70, 291-294	2.9	0
6	<i>Kocuria</i> Strains from Unique Radon Spring Water from Jachymov Spa. <i>Fermentation</i> , <b>2022</b> , 8, 35	4.7	0
5	Changes in glycosyl inositol phosphoceramides during the cell cycle of the red alga <i>Galdieria sulphuraria</i> . <i>Phytochemistry</i> , <b>2021</b> , 194, 113025	4	0
4	Lipidomic Analysis of Lower Organisms <b>2020</b> , 245-266		0
3	Lipidomic Analysis of Lower Organisms <b>2018</b> , 1-21		
2	Structural Characterization of Mono- and Dimethylphosphatidylethanolamines from Various Organisms Using a Complex Analytical Strategy including Chiral Chromatography. <i>Symmetry</i> , <b>2022</b> , 14, 616	2.7	
1	Influence of inhibitors of lipid biosynthesis on the production of avermectins in <i>Streptomyces avermitilis</i> . <i>FEMS Microbiology Letters</i> , <b>1992</b> , 75, 31-5	2.9	