

# Carolina Shene

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9405525/publications.pdf>

Version: 2024-02-01

26  
papers

824  
citations

567281

15  
h-index

580821

25  
g-index

26  
all docs

26  
docs citations

26  
times ranked

1233  
citing authors

#	ARTICLE	IF	CITATIONS
1	High carotenoid bioaccessibility through linseed oil nanoemulsions with enhanced physical and oxidative stability. <i>Food Chemistry</i> , 2016, 199, 463-470.	8.2	112
2	Effective <i>Lactobacillus plantarum</i> and <i>Bifidobacterium infantis</i> encapsulation with chia seed ( <i>Salvia</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 <i>Chemistry</i> , 2017, 216, 97-105.	8.2	89
3	Docosahexaenoic acid (C22:6n <sup>~</sup> 3, DHA) and astaxanthin production by <i>Thraustochytriidae</i> sp. AS4-A1 a native strain with high similitude to <i>Ulkenia</i> sp.: Evaluation of liquid residues from food industry as nutrient sources. <i>Enzyme and Microbial Technology</i> , 2010, 47, 24-30.	3.2	72
4	Probiotics and prebiotics potential for the care of skin, female urogenital tract, and respiratory tract. <i>Folia Microbiologica</i> , 2020, 65, 245-264.	2.3	63
5	Development of a soup powder enriched with microencapsulated linseed oil as a source of omega <sup>~</sup> 3 fatty acids. <i>European Journal of Lipid Science and Technology</i> , 2012, 114, 423-433.	1.5	61
6	Correlation for pigment content through colour determination using tristimulus values in a green leafy vegetable, swiss chard. <i>Journal of the Science of Food and Agriculture</i> , 1994, 66, 527-531.	3.5	43
7	High pressure homogenization of <i>Nannochloropsis oculata</i> for the extraction of intracellular components: Effect of process conditions and culture age. <i>European Journal of Lipid Science and Technology</i> , 2016, 118, 631-639.	1.5	41
8	Pathogens and predators impacting commercial production of microalgae and cyanobacteria. <i>Biotechnology Advances</i> , 2022, 55, 107884.	11.7	38
9	Production of eicosapentaenoic acid by <i>Nannochloropsis oculata</i> : Effects of carbon dioxide and glycerol. <i>Journal of Biotechnology</i> , 2016, 239, 47-56.	3.8	34
10	Encapsulation of lactoferrin into rapeseed phospholipids based liposomes: Optimization and physicochemical characterization. <i>Journal of Food Engineering</i> , 2019, 262, 29-38.	5.2	33
11	Polyphenolic fractions improve the oxidative stability of microencapsulated linseed oil. <i>European Journal of Lipid Science and Technology</i> , 2012, 114, 760-771.	1.5	32
12	Production of lipids and docosahexaenoic acid (<scp>DHA</scp>) by a native <i>Thraustochytrium</i> strain. <i>European Journal of Lipid Science and Technology</i> , 2013, 115, 890-900.	1.5	31
13	Effect of Three Polysaccharides (Inulin, and Mucilage from Chia and Flax Seeds) on the Survival of Probiotic Bacteria Encapsulated by Spray Drying. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4623.	2.5	24
14	Naturally occurring protein <sup>~</sup> polysaccharide complexes from linseed ( <i>Linum usitatissimum</i> ) as bioemulsifiers. <i>European Journal of Lipid Science and Technology</i> , 2016, 118, 165-174.	1.5	20
15	An in vitro digestion study of encapsulated lactoferrin in rapeseed phospholipid <sup>~</sup> based liposomes. <i>Food Chemistry</i> , 2020, 321, 126717.	8.2	20
16	Dynamic flux balance analysis of biomass and lipid production by Antarctic thraustochytrid <i>Oblongichytrium</i> sp. RT2316 <sup>~</sup> 13. <i>Biotechnology and Bioengineering</i> , 2020, 117, 3006-3017.	3.3	17
17	Optimization of process conditions for the production of a prolylendopeptidase by <i>Aspergillus niger</i> ATCC 11414 in solid state fermentation. <i>Food Science and Biotechnology</i> , 2011, 20, 1323-1330.	2.6	15
18	Antarctic thraustochytrids: Producers of long <sup>~</sup> chain omega <sup>~</sup> 3 polyunsaturated fatty acids. <i>MicrobiologyOpen</i> , 2020, 9, e00950.	3.0	15

#	ARTICLE	IF	CITATIONS
19	Antarctic Thraustochytrids as Sources of Carotenoids and High-Value Fatty Acids. <i>Marine Drugs</i> , 2021, 19, 386.	4.6	14
20	Metabolic modelling and simulation of the light and dark metabolism of <i>Chlamydomonas reinhardtii</i> . <i>Plant Journal</i> , 2018, 96, 1076-1088.	5.7	12
21	Production of Lipids and Proteome Variation in a Chilean Thraustochytrium striatum Strain Cultured under Different Growth Conditions. <i>Marine Biotechnology</i> , 2019, 21, 99-110.	2.4	10
22	Production of Carotenoids and Phospholipids by Thraustochytrium sp. in Batch and Repeated-Batch Culture. <i>Marine Drugs</i> , 2022, 20, 416.	4.6	10
23	Temperature Differentially Affects Gene Expression in Antarctic Thraustochytrid Oblongichytrium sp. RT2316-13. <i>Marine Drugs</i> , 2020, 18, 563.	4.6	9
24	Macrocystis pyrifera Extract Residual as Nutrient Source for the Production of Sophorolipids Compounds by Marine Yeast Rhodotorula rubra. <i>Molecules</i> , 2021, 26, 2355.	3.8	5
25	Pancreatic lipase activity in emulsions containing seed meals: Effect of extrusion. <i>European Journal of Lipid Science and Technology</i> , 2013, 115, 217-223.	1.5	4
26	Seed meals as source of fractions with different effects on pancreatic lipase activity. <i>European Journal of Lipid Science and Technology</i> , 2014, 116, 291-299.	1.5	0