

# Zivile Luksiene

## 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.

28

papers

720

citations

15

h-index

26

g-index

28

ext. papers

821

ext. citations

4.7

avg, IF

4.58

L-index

#	Paper	IF	Citations
28	Visible light-activated ZnO nanoparticles for microbial control of wheat crop. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2021</b> , 219, 112206	6.7	4
27	Photosensitization: Principles and Applications in Food Processing <b>2021</b> , 368-384		2
26	Preliminary Investigation of the Antibacterial Activity of Antitumor Drug 3-Amino-1,2,4-Benzotriazine-1,4-Dioxide (Tirapazamine) and its Derivatives. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 4062	2.6	1
25	Modelling the Inactivation and Possible Regrowth of Treated with Chlorophyllin-Chitosan Complex and Visible Light. <i>Food Technology and Biotechnology</i> , <b>2020</b> , 58, 64-70	2.1	2
24	Inactivation of molds on the surface of wheat sprouts by chlorophyllin-chitosan coating in the presence of visible LED-based light. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2020</b> , 202, 111721	6.7	8
23	Understanding Escherichia coli damages after chlorophyllin-based photosensitization. <i>Journal of Biophotonics</i> , <b>2020</b> , 13, e202000144	3.1	1
22	Innovative approach to sunlight activated biofungicides for strawberry crop protection: ZnO nanoparticles. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2020</b> , 203, 111656	6.7	19
21	Toward better microbial safety of wheat sprouts: chlorophyllin-based photosensitization of seeds. <i>Photochemical and Photobiological Sciences</i> , <b>2019</b> , 18, 2521-2530	4.2	13
20	Innovative Nonthermal Technologies: Chlorophyllin and Visible Light Significantly Reduce Microbial Load on Basil. <i>Food Technology and Biotechnology</i> , <b>2019</b> , 57, 126-132	2.1	9
19	Recent Advances in Plant Pathogen Control by Nanocides <b>2019</b> , 101-137		
18	Towards better microbial safety of fresh produce: Chlorophyllin-based photosensitization for microbial control of foodborne pathogens on cherry tomatoes. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2018</b> , 182, 130-136	6.7	22
17	Inactivation of Gram (-) bacteria Salmonella enterica by chlorophyllin-based photosensitization: Mechanism of action and new strategies to enhance the inactivation efficiency. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2017</b> , 172, 1-10	6.7	36
16	Inactivation of bacterial biofilms using visible-light-activated unmodified ZnO nanorods. <i>Nanotechnology</i> , <b>2017</b> , 28, 365701	3.4	9
15	Nanoparticles and their potential application as antimicrobials in the food industry <b>2017</b> , 567-601		7
14	Effective photosensitization-based inactivation of Gram (-) food pathogens and molds using the chlorophyllin-chitosan complex: towards photoactive edible coatings to preserve strawberries. <i>Photochemical and Photobiological Sciences</i> , <b>2016</b> , 15, 506-16	4.2	41
13	Reduction of microbial contamination of fruits and vegetables by hypericin-based photosensitization: Comparison with other emerging antimicrobial treatments. <i>Journal of Food Engineering</i> , <b>2015</b> , 144, 29-35	6	50
12	Effective combination of LED-based visible light, photosensitizer and photocatalyst to combat Gram (-) bacteria. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2015</b> , 142, 257-63	6.7	39

11	New non-chemical postharvest technologies reducing berry contamination. <i>Zemdirbyste</i> , <b>2015</b> , 102, 411-416	10
10	Antibacterial and antifungal activity of photoactivated ZnO nanoparticles in suspension. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2013</b> , 128, 78-84	6.7 143
9	Antibacterial Photosensitization-Based Treatment for Food Safety. <i>Food Engineering Reviews</i> , <b>2013</b> , 5, 185-199	6.5 87
8	Microbial control of food-related surfaces: Na-Chlorophyllin-based photosensitization. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2011</b> , 105, 69-74	6.7 25
7	Photosensitization-based inactivation of food pathogen <i>Listeria monocytogenes</i> in vitro and on the surface of packaging material. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2010</b> , 99, 9-14	6.7 43
6	Inactivation of several strains of <i>Listeria monocytogenes</i> attached to the surface of packaging material by Na-Chlorophyllin-based photosensitization. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2010</b> , 101, 326-31	6.7 46
5	Public health and bioterrorism: renewed threat of anthrax and smallpox. <i>Medicina (Lithuania)</i> , <b>2007</b> , 43, 278	3.1 24
4	Towards environmentally and human friendly insect pest control technologies: photosensitization of leafminer flies <i>Liriomyza bryoniae</i> . <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2007</b> , 89, 15-21	6.7 16
3	New approach to the fungal decontamination of wheat used for wheat sprouts: effects of aminolevulinic acid. <i>International Journal of Food Microbiology</i> , <b>2007</b> , 116, 153-8	5.8 30
2	Public health and bioterrorism: renewed threat of anthrax and smallpox. <i>Medicina (Lithuania)</i> , <b>2007</b> , 43, 278-84	3.1 9
1	Inactivation of fungi in vitro by photosensitization: preliminary results. <i>Annals of Agricultural and Environmental Medicine</i> , <b>2004</b> , 11, 215-20	1.4 24