

# Kata Trifkovic

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2915682/publications.pdf>

Version: 2024-02-01

24  
papers

1,012  
citations

759055

12  
h-index

752573

20  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1636  
citing authors

#	ARTICLE	IF	CITATIONS
1	Trends in Encapsulation Technologies for Delivery of Food Bioactive Compounds. <i>Food Engineering Reviews</i> , 2015, 7, 452-490.	3.1	316
2	Antioxidant edible films based on chitosan and starch containing polyphenols from thyme extracts. <i>Carbohydrate Polymers</i> , 2017, 157, 1153-1161.	5.1	228
3	Release of polyphenols from starch-chitosan based films containing thyme extract. <i>Carbohydrate Polymers</i> , 2017, 175, 122-130.	5.1	83
4	Chitosan microbeads for encapsulation of thyme ( <i>Thymus serpyllum</i> L.) polyphenols. <i>Carbohydrate Polymers</i> , 2014, 111, 901-907.	5.1	69
5	Novel resveratrol delivery systems based on alginate-sucrose and alginate-chitosan microbeads containing liposomes. <i>Food Hydrocolloids</i> , 2016, 61, 832-842.	5.6	65
6	Chokeberry ( <i>Aronia melanocarpa</i> L.) extract loaded in alginate and alginate/inulin system. <i>Industrial Crops and Products</i> , 2016, 86, 120-131.	2.5	52
7	High performances unsaturated polyester based nanocomposites: Effect of vinyl modified nanosilica on mechanical properties. <i>EXPRESS Polymer Letters</i> , 2016, 10, 139-159.	1.1	49
8	Influence of compression speed and deformation percentage on mechanical properties of calcium alginate particles. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2015, 21, 411-417.	0.4	20
9	Chitosan crosslinked microparticles with encapsulated polyphenols: Water sorption and release properties. <i>Journal of Biomaterials Applications</i> , 2015, 30, 618-631.	1.2	18
10	Polyamidoamine as a clay modifier and curing agent in preparation of epoxy nanocomposites. <i>Progress in Organic Coatings</i> , 2019, 131, 311-321.	1.9	16
11	Effect of surface modified TiO <sub>2</sub> nanoparticles on thermal, barrier and mechanical properties of long oil alkyd resin-based coatings. <i>EXPRESS Polymer Letters</i> , 2015, 9, 916-931.	1.1	16
12	A new approach to compatibilization study of EVA/PMMA polymer blend used as an optical fibers adhesive: Mechanical, morphological and thermal properties. <i>International Journal of Adhesion and Adhesives</i> , 2018, 81, 11-20.	1.4	13
13	A new method in designing compatibility and adhesion of EVA/PMMA blend by using EVA-g-PMMA with controlled graft chain length. <i>Journal of Polymer Research</i> , 2018, 25, 1.	1.2	12
14	Numerical and experimental approach to testing the adhesive properties of modified polymer blend based on EVA/PMMA as coatings for optical fibers. <i>International Journal of Adhesion and Adhesives</i> , 2017, 73, 80-91.	1.4	9
15	Matrix resistance stress: A key parameter for immobilized cell growth regulation. <i>Process Biochemistry</i> , 2017, 52, 30-43.	1.8	9
16	Comprehensive evaluation of formulation factors affecting critical quality attributes of casted orally disintegrating films. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 56, 101614.	1.4	9
17	The functional potential of immortelle ( <i>Helichrysum italicum</i> ) based edible films reinforced with proteins and hydrogel particles. <i>LWT - Food Science and Technology</i> , 2019, 99, 387-395.	2.5	8
18	Functionality of chitosan-challoysite nanocomposite films for sustained delivery of antibiotics: The effect of chitosan molar mass. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48406.	1.3	7

#	ARTICLE	IF	CITATIONS
19	Novel approaches in nanoencapsulation of aromas and flavors. , 2016, , 363-419.		4
20	Development and characterisation of functional cocoa ( <i>Theobroma cacao</i> L.)-based edible films. International Journal of Food Science and Technology, 2020, 55, 1326-1335.	1.3	4
21	Impact of carrier material on fermentative activity of encapsulated yoghurt culture in whey based substrate. Hemijska Industrija, 2017, 71, 41-48.	0.3	3
22	Potential of encapsulated phytochemicals in hydrogel particles. , 2019, , 305-342.		1
23	Enzymatic spectrophotometric reaction rate determination of aspartame. Hemijska Industrija, 2015, 69, 355-359.	0.3	0
24	Matrix resistance stress reduction—prerequisite for achieving higher concentration of immobilized cells. , 2019, , 281-306.		0