

# Sajad Rostami

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

334  
citations

840776

11  
h-index

839539

18  
g-index

20  
all docs

20  
docs citations

20  
times ranked

376  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancement of biodiesel production from waste cooking oil: ultrasonic- hydrodynamic combined cavitation system. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2022, 44, 5065-5079.	2.3	25
2	The Differential Impact of Various Injection Pressures on the Exergy of a Diesel Engine Using Biodiesel-Diesel Fuel Blends. <i>Sustainability</i> , 2022, 14, 345.	3.2	2
3	Design and fabrication of smooth periodic constriction reactor to biodiesel production from waste cooking oil. <i>Biofuels</i> , 2022, 13, 1007-1013.	2.4	1
4	Investigation and optimization of the effect of osmotic-ultrasound drying pretreatment on qualitative properties and process energy consumption of <i>Cornus mas</i> . <i>Journal of Food Processing and Preservation</i> , 2021, 45, e15377.	2.0	2
5	Magnetic and gold nanocomposite as a novel aptasensor for early detection of tetracycline residues. <i>Journal of Food Measurement and Characterization</i> , 2021, 15, 3387-3396.	3.2	9
6	Development of novel green pesticide system by using cold plasma to control <i>Plodia interpunctella</i> in pistachio. <i>Journal of Food Processing and Preservation</i> , 2021, 45, e15621.	2.0	5
7	Design and characterisation of jet cold atmospheric pressure plasma and its effect on <i>Escherichia coli</i> , colour, pH, and bioactive compounds of sour cherry juice. <i>International Journal of Food Science and Technology</i> , 2021, 56, 4883-4892.	2.7	9
8	Evaluation of an enhanced ultrasonic-assisted biodiesel synthesized using safflower oil in a diesel power generator. <i>Biofuels</i> , 2020, 11, 523-532.	2.4	31
9	The feasibility and optimization of biodiesel production from <i>Celtis australis</i> L. oil using chicken bone catalyst and ultrasonic waves. <i>Biofuels</i> , 2020, 11, 513-521.	2.4	16
10	Development of an electrochemical biosensor for impedimetric detection of tetracycline in milk. <i>Journal of Food Science and Technology</i> , 2020, 57, 4697-4706.	2.8	31
11	The effect of atmospheric pressure cold plasma on the inactivation of <i>Escherichia coli</i> in sour cherry juice and its qualitative properties. <i>Food Science and Nutrition</i> , 2020, 8, 870-883.	3.4	23
12	An impedimetric aptasensor for ultrasensitive detection of Penicillin G based on the use of reduced graphene oxide and gold nanoparticles. <i>Mikrochimica Acta</i> , 2019, 186, 372.	5.0	41
13	The Effect of Combined AC Electric Field-Ultrasound on Pasteurization and Chemical Compositions of Rose Aromatic water. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2018, 21, 1493-1510.	1.9	6
14	Development and optimization of the new ultrasonic-infrared-vacuum dryer in drying <i>Kelussia odoratissima</i> and its comparison with conventional methods. <i>Industrial Crops and Products</i> , 2018, 123, 46-54.	5.2	21
15	The effect of combined AC electric field and ultrasound on the chemical compositions and <i>Escherichia coli</i> content of spearmint aromatic water. <i>Journal of Food Process Engineering</i> , 2018, 41, e12650.	2.9	11
16	The simultaneous effect of electromagnetic and ultrasound treatments on <i>Escherichia coli</i> count in red grape juice. <i>Journal of HerbMed Pharmacology</i> , 2018, 7, 29-36.	0.9	5
17	Study of Combined Ultrasound-microwave Effect on Chemical Compositions and Count of Rose Aromatic Water. <i>Iranian Journal of Pharmaceutical Research</i> , 2018, 17, 146-160.	0.5	1
18	Effect of Drying Methods on Essential Oil Content and Composition of <i>Mentha longifolia</i> (L.) Hudson. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2016, 19, 391-396.	1.9	22

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19	Design, development and evaluation of an automatic fruit-juice pasteurization system using microwave & ultrasonic waves. <i>Journal of Food Science and Technology</i> , 2016, 53, 88-103.	2.8	23
20	Ultrasonic-assisted production of biodiesel from <i>Pistacia atlantica</i> Desf. oil. <i>Fuel</i> , 2016, 168, 22-26.	6.4	50