

Ajay Kathuria

List of Publications by Year in descending order

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13
papers

208
citations

1163117

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1199594

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docs citations

15
times ranked

229
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of moisture-controlled packaging treatment with acid-modified expanded vermiculite-calcium chloride on the quality of fresh mushrooms (<i>Agaricus bisporus</i>) during low-temperature storage. <i>Journal of the Science of Food and Agriculture</i> , 2022, 102, 3029-3037.	3.5	4
2	Metal-organic frameworks for active food packaging. A review. <i>Environmental Chemistry Letters</i> , 2022, 20, 1479-1495.	16.2	31
3	PLLA-ZIF-8 metal organic framework composites for potential use in food applications: Production, characterization and migration studies. <i>Packaging Technology and Science</i> , 2021, 34, 393-400.	2.8	3
4	Encapsulation of hexanal in bio-based cyclodextrin metal organic framework for extended release. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2021, 101, 121-130.	1.6	10
5	Inclusion of ethanol in a nano-porous, bio-based metal organic framework. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2019, 95, 91-98.	1.6	12
6	Effect of hydrophilic and hydrophobic cyclodextrins on the release of encapsulated allyl isothiocyanate (AITC) and their potential application for plastic film extrusion. <i>Journal of Applied Polymer Science</i> , 2019, 136, 48137.	2.6	17
7	Effect of MIL-53 (Al) MOF particles on the chain mobility and crystallization of poly(L-lactic acid). <i>Journal of Applied Polymer Science</i> , 2018, 135, 45690.	2.6	4
8	Multifunctional Ordered Bio-Based Mesoporous Framework from Edible Compounds. <i>Journal of Biobased Materials and Bioenergy</i> , 2018, 12, 449-454.	0.3	3
9	Synthesis of nanoporous carbohydrate metal-organic framework and encapsulation of acetaldehyde. <i>Journal of Crystal Growth</i> , 2016, 451, 72-78.	1.5	38
10	The Influence of Cu ₃ (BTC) ₂ metal organic framework on the permeability and permselectivity of PLLA-MOF mixed matrix membranes. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	2.6	14
11	Toughening of poly(l-lactic acid) with Cu ₃ BTC ₂ metal organic framework crystals. <i>Polymer</i> , 2013, 54, 6979-6986.	3.8	24
12	Deterioration of metal-organic framework crystal structure during fabrication of poly(l-lactic acid) mixed matrix membranes. <i>Polymer International</i> , 2013, 62, 1144-1151.	3.1	21
13	Sustainable and Repulpable Barrier Coatings for Fiber-Based Materials for Food Packaging: A Review. <i>Frontiers in Materials</i> , 0, 9, .	2.4	13