

Ajay Kathuria

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9458054/publications.pdf>

Version: 2024-02-01

13
papers

208
citations

1163117

8
h-index

1199594

12
g-index

15
all docs

15
docs citations

15
times ranked

229
citing authors

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