

# Hasan Sadeghifar

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/272274/publications.pdf>

Version: 2024-02-01

23  
papers

2,255  
citations

331538

21  
h-index

610775

24  
g-index

24  
all docs

24  
docs citations

24  
times ranked

2786  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cellulose-Lignin Biodegradable and Flexible UV Protection Film. ACS Sustainable Chemistry and Engineering, 2017, 5, 625-631.	3.2	283
2	Photobactericidal Porphyrin-Cellulose Nanocrystals: Synthesis, Characterization, and Antimicrobial Properties. Biomacromolecules, 2011, 12, 3528-3539.	2.6	210
3	Production of cellulose nanocrystals using hydrobromic acid and click reactions on their surface. Journal of Materials Science, 2011, 46, 7344-7355.	1.7	206
4	Lignin as a UV Light Blocker—A Review. Polymers, 2020, 12, 1134.	2.0	190
5	Toward Thermoplastic Lignin Polymers. Part 1. Selective Masking of Phenolic Hydroxyl Groups in Kraft Lignins via Methylation and Oxypropylation Chemistries. Industrial & Engineering Chemistry Research, 2012, 51, 16713-16720.	1.8	171
6	Correlations of the Antioxidant Properties of Softwood Kraft Lignin Fractions with the Thermal Stability of Its Blends with Polyethylene. ACS Sustainable Chemistry and Engineering, 2015, 3, 349-356.	3.2	141
7	Perspective on Technical Lignin Fractionation. ACS Sustainable Chemistry and Engineering, 2020, 8, 8086-8101.	3.2	126
8	Fractionation of Organosolv Lignin Using Acetone:Water and Properties of the Obtained Fractions. ACS Sustainable Chemistry and Engineering, 2017, 5, 580-587.	3.2	121
9	Toward Thermoplastic Lignin Polymers; Part II: Thermal & Polymer Characteristics of Kraft Lignin & Derivatives. BioResources, 2012, 8, .	0.5	104
10	Synergic effect of Pt-Co nanoparticles and a dopamine derivative in a nanostructured electrochemical sensor for simultaneous determination of N-acetylcysteine, paracetamol and folic acid. Mikrochimica Acta, 2016, 183, 2957-2964.	2.5	97
11	Porphyrin-Cellulose Nanocrystals: A Photobactericidal Material that Exhibits Broad Spectrum Antimicrobial Activity <sup>&gt;sup&gt;</sup> . Photochemistry and Photobiology, 2012, 88, 527-536.	1.3	93
12	Effect of Fatty Acid Esterification on the Thermal Properties of Softwood Kraft Lignin. ACS Sustainable Chemistry and Engineering, 2016, 4, 5238-5247.	3.2	87
13	Synthesis, Characterization, and Antimicrobial Efficacy of Photomicrobicidal Cellulose Paper. Biomacromolecules, 2015, 16, 2482-2492.	2.6	80
14	Development of an acetylation reaction of switchgrass hemicellulose in ionic liquid without catalyst. Industrial Crops and Products, 2013, 44, 306-314.	2.5	58
15	Kraft Lignin Chain Extension Chemistry via Propargylation, Oxidative Coupling, and Claisen Rearrangement. Biomacromolecules, 2013, 14, 3399-3408.	2.6	56
16	Macroscopic Behavior of Kraft Lignin Fractions: Melt Stability Considerations for Lignin-Polyethylene Blends. ACS Sustainable Chemistry and Engineering, 2016, 4, 5160-5166.	3.2	53
17	Synthesis and Characterization of Poly(arylene ether sulfone) Kraft Lignin Heat Stable Copolymers. ACS Sustainable Chemistry and Engineering, 2014, 2, 264-271.	3.2	41
18	N-Methylimidazole-promoted efficient synthesis of 1,3-oxazine-4-thiones under solvent-free conditions. Monatshefte für Chemie, 2009, 140, 467-471.	0.9	32

#	ARTICLE	IF	CITATIONS
19	Photoresponsive Cellulose Nanocrystals. <i>Nanomaterials and Nanotechnology</i> , 2011, 1, 7.	1.2	29
20	Toward Carbon Fibers from Single Component Kraft Lignin Systems: Optimization of Chain Extension Chemistry. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 5230-5237.	3.2	28
21	Quantitative <sup>31</sup> P NMR analysis of solid wood offers an insight into the acetylation of its components. <i>Carbohydrate Polymers</i> , 2014, 113, 552-560.	5.1	23
22	Cholesterol-modified lignin: A new avenue for green nanoparticles, meltable materials, and drug delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 186, 110685.	2.5	19
23	Chemical Composition of the Essential Oils From Leaves, Flowers, Stem and Root of <i>Centaurea zuvadica</i> Sosn. <i>Journal of Essential Oil Research</i> , 2009, 21, 357-359.	1.3	5