

# Jelena D RusmiroviÄ

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5818065/publications.pdf>

Version: 2024-02-01

15  
papers

357  
citations

933264

10  
h-index

1199470

12  
g-index

15  
all docs

15  
docs citations

15  
times ranked

494  
citing authors

#	ARTICLE	IF	CITATIONS
1	Arsenic removal by magnetite-loaded amino modified nano/microcellulose adsorbents: Effect of functionalization and media size. <i>Arabian Journal of Chemistry</i> , 2019, 12, 4675-4693.	2.3	64
2	Novel amino-functionalized lignin microspheres: High performance biosorbent with enhanced capacity for heavy metal ion removal. <i>International Journal of Biological Macromolecules</i> , 2020, 156, 1160-1173.	3.6	50
3	Influence of hemicelluloses and lignin content on structure and sorption properties of flax fibers ( <i>Linum usitatissimum</i> L.). <i>Cellulose</i> , 2018, 25, 697-709.	2.4	48
4	Kinetics and column adsorption study of diclofenac and heavy-metal ions removal by amino-functionalized lignin microspheres. <i>Journal of Industrial and Engineering Chemistry</i> , 2021, 93, 302-314.	2.9	38
5	Effect of the modified silica Nanofiller on the Mechanical Properties of Unsaturated Polyester Resins Based on Recycled Polyethylene Terephthalate. <i>Polymer Composites</i> , 2017, 38, 538-554.	2.3	33
6	Novel modified nanocellulose applicable as reinforcement in high-performance nanocomposites. <i>Carbohydrate Polymers</i> , 2017, 164, 64-74.	5.1	32
7	Efficient pollutants removal by amino-modified nanocellulose impregnated with iron oxide. <i>Journal of the Serbian Chemical Society</i> , 2016, 81, 1199-1213.	0.4	22
8	Characterization analysis of Poplar fluff pyrolysis products. Multi-component kinetic study. <i>Fuel</i> , 2019, 238, 111-128.	3.4	17
9	Cross-Linkable Modified Nanocellulose/Polyester Resin-Based Composites: Effect of Unsaturated Fatty Acid Nanocellulose Modification on Material Performances. <i>Macromolecular Materials and Engineering</i> , 2018, 303, 1700648.	1.7	15
10	Effect of the vinyl modification of multi-walled carbon nanotubes on the performances of waste poly(ethylene terephthalate)-based nanocomposites. <i>Journal of Composite Materials</i> , 2017, 51, 491-505.	1.2	12
11	Controllable synthesis of Fe <sub>3</sub> O <sub>4</sub> -wollastonite adsorbents for efficient heavy metal ions/oxyanions removal. <i>Environmental Science and Pollution Research</i> , 2019, 26, 12379-12398.	2.7	10
12	Batch and column adsorption of cations, oxyanions and dyes on a magnetite modified cellulose-based membrane. <i>Cellulose</i> , 2020, 27, 8215-8235.	2.4	10
13	Adsorption performances of branched aminated waste polyacrylonitrile fibers: experimental versus modelling study. , 0, 171, 223-249.		5
14	Cross-Linkable Bio and Mineral Fillers for Reactive Polymer Composites: Processing and Characterization. , 2020, , 135-163.		1
15	Multi-component elastomeric composites based on castor oil/AgI/KI for cloud seeding: processing and modeling of reagent efficiency. <i>Polymer Bulletin</i> , 0, , .	1.7	0