

DD»D<sub>μ</sub>D<sup>3</sup> DÑ€D<sup>0</sup>D<sup>2</sup>ÑD<sub>μ</sub>D<sup>1/2</sup>D<sup>0</sup>D<sup>3/4</sup>

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3819860/publications.pdf>

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285  
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#	ARTICLE	IF	CITATIONS
1	Conversion of plant biomass to furan derivatives and sustainable access to the new generation of polymers, functional materials and fuels. Russian Chemical Reviews, 2017, 86, 357-387.	2.5	85
2	Sustainable Utilization of Biomass Refinery Wastes for Accessing Activated Carbons and Supercapacitor Electrode Materials. ChemSusChem, 2018, 11, 3599-3608.	3.6	70
3	Furan monomers and polymers from renewable plant biomass. Russian Chemical Reviews, 2021, 90, 750-784.	2.5	35
4	Technological aspects of fructose conversion to high-purity 5-hydroxymethylfurfural, a versatile platform chemical. Russian Journal of Organic Chemistry, 2016, 52, 767-771.	0.3	30
5	Base-free aerobic oxidation of 5-hydroxymethylfurfural to 2,5-furandicarboxylic acid over Pt/C catalysts synthesized by pulse alternating current technique. Mendeleev Communications, 2018, 28, 431-433.	0.6	11
6	Palladium-catalyzed synthesis of pyrimido[5 <sup>â™™</sup> ,4 <sup>â™™</sup> :3,4]pyrrolo[1,2-f]phenanthridine-12,14(11H,13H)-diones and related compounds. Russian Chemical Bulletin, 2018, 67, 1684-1694.	0.4	6
7	New Bioâ€Based Furanic Materials Effectively Absorb Metals from Water and Exert Antimicrobial Activity. Chemistry - A European Journal, 2021, 27, 3382-3396.	1.7	4
8	Optimal design of shell-type electromagnets of XY-coordinate electric actuator. , 2016, , .		3
9	Design Principles and Implementation of Advanced Simulators for Training Astronauts to Work in Zero or Low Gravity Conditions. Procedia Engineering, 2016, 150, 1410-1414.	1.2	3
10	Features of establishing regimes of limited speed in power-regulation systems. Russian Electrical Engineering, 2014, 85, 156-161.	0.4	0
11	Synthesis of Optimal Efforts Control in Electromechanical Systems with Elastic Mechanical Links. Procedia Engineering, 2017, 206, 319-325.	1.2	0
12	Prospects for the Development of Educational Programs in Mechatronic and Electric Drive Systems for Agriculture. , 2018, , .		0
13	Application of Acceleration Feedback in Multi- Coordinate Force Compensating Systems. , 2018, , .		0
14	Mathematical Model of Electromechanical Weightlessness Simulators Taking Account of Force Interactions in Radial Construction. Electrotechnical Systems and Complexes, 2018, , 26-32.	0.2	0
15	Development and Realization of Adaptive Controller of Real Weight Unloading Motion Device of Simulator for Cosmonauts Training. Electrotechnical Systems and Complexes, 2019, , 19-23.	0.2	0