

# Anna Rybińska-Fryca

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2387498/publications.pdf>

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14  
papers

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citations

1039880

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1125617

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docs citations

14  
times ranked

547  
citing authors

#	ARTICLE	IF	CITATIONS
1	NanoSolveIT Project: Driving nanoinformatics research to develop innovative and integrated tools for in silico nanosafety assessment. Computational and Structural Biotechnology Journal, 2020, 18, 583-602.	1.9	74
2	Towards designing environmentally safe ionic liquids: the influence of the cation structure. Green Chemistry, 2014, 16, 4749-4757.	4.6	58
3	Prediction of dielectric constant of ionic liquids. Journal of Molecular Liquids, 2018, 260, 57-64.	2.3	36
4	Filling environmental data gaps with QSPR for ionic liquids: Modeling n-octanol/water coefficient. Journal of Hazardous Materials, 2016, 303, 137-144.	6.5	33
5	Transcriptomics-Based and AOP-Informed Structure-Activity Relationships to Predict Pulmonary Pathology Induced by Multiwalled Carbon Nanotubes. Small, 2021, 17, e2003465.	5.2	31
6	Can an InChI for Nano Address the Need for a Simplified Representation of Complex Nanomaterials across Experimental and Nanoinformatics Studies?. Nanomaterials, 2020, 10, 2493.	1.9	28
7	Structure-activity prediction networks (SAPNets): a step beyond Nano-QSAR for effective implementation of the safe-by-design concept. Nanoscale, 2020, 12, 20669-20676.	2.8	23
8	Virtual screening in the design of ionic liquids as environmentally safe bactericides. Green Chemistry, 2019, 21, 1965-1973.	4.6	11
9	How thermal stability of ionic liquids leads to more efficient TiO <sub>2</sub> -based nanophotocatalysts: Theoretical and experimental studies. Journal of Colloid and Interface Science, 2020, 572, 396-407.	5.0	10
10	Representation of the Structure-A Key Point of Building QSAR/QSPR Models for Ionic Liquids. Materials, 2020, 13, 2500.	1.3	6
11	Chemoinformatic Approach to Assess Toxicity of Ionic Liquids. Methods in Molecular Biology, 2018, 1800, 559-571.	0.4	4
12	How the configurational changes influence on molecular characteristics. The alkyl 3-azido-2,3-dideoxy-D-hexopyranosides - Theoretical approach. Carbohydrate Research, 2019, 481, 72-79.	1.1	3
13	NanoMixHamster: a web-based tool for predicting cytotoxicity of TiO <sub>2</sub> -based multicomponent nanomaterials toward Chinese hamster ovary (CHO-K1) cells. Nanotoxicology, 0, , 1-14.	1.6	3
14	AOP173-key event associated pathway predictor - online application for the prediction of benchmark dose lower bound (BMDLs) of a transcriptomic pathway involved in MWCNTs-induced lung fibrosis. Nanotoxicology, 2022, , 1-12.	1.6	1