

# Bartłomiej Zapotoczny

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/8200359/bartlomiej-zapotoczny-publications-by-year.pdf>

**Version:** 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

21  
papers

178  
citations

8  
h-index

12  
g-index

25  
ext. papers

256  
ext. citations

3.8  
avg, IF

2.89  
L-index

#	Paper	IF	Citations
21	AFM image analysis of porous structures by means of neural networks. <i>Biomedical Signal Processing and Control</i> , <b>2022</b> , 71, 103097	4.9	0
20	Fat causes necrosis and inflammation in parenchymal cells in human steatotic liver. <i>Histochemistry and Cell Biology</i> , <b>2021</b> , 1	2.4	0
19	The wHole Story About Fenestrations in LSEC. <i>Frontiers in Physiology</i> , <b>2021</b> , 12, 735573	4.6	3
18	Quantitative analysis methods for studying fenestrations in liver sinusoidal endothelial cells. A comparative study. <i>Micron</i> , <b>2021</b> , 150, 103121	2.3	3
17	Keap1 governs ageing-induced protein aggregation in endothelial cells. <i>Redox Biology</i> , <b>2020</b> , 34, 101572	11.3	7
16	Biophysical nanocharacterization of liver sinusoidal endothelial cells through atomic force microscopy. <i>Biophysical Reviews</i> , <b>2020</b> , 12, 625-636	3.7	3
15	LSEC Fenestrae Are Preserved Despite Pro-inflammatory Phenotype of Liver Sinusoidal Endothelial Cells in Mice on High Fat Diet. <i>Frontiers in Physiology</i> , <b>2019</b> , 10, 6	4.6	21
14	Tracking Fenestrae Dynamics in Live Murine Liver Sinusoidal Endothelial Cells. <i>Hepatology</i> , <b>2019</b> , 69, 876-888	11.2	25
13	Application of a layered model for determination of the elasticity of biological systems. <i>Micron</i> , <b>2019</b> , 124, 102705	2.3	6
12	Actin-spectrin scaffold supports open fenestrae in liver sinusoidal endothelial cells. <i>Traffic</i> , <b>2019</b> , 20, 932-942	5.7	9
11	Adsorption of Methylene Blue on Titanate Nanotubes Synthesized with Ultra-Small Fe <sub>3</sub> O <sub>4</sub> Nanoparticles. <i>Nano</i> , <b>2018</b> , 13, 1850142	1.1	2
10	Morphology and force probing of primary murine liver sinusoidal endothelial cells. <i>Journal of Molecular Recognition</i> , <b>2017</b> , 30, e2610	2.6	13
9	Quantification of fenestrations in liver sinusoidal endothelial cells by atomic force microscopy. <i>Micron</i> , <b>2017</b> , 101, 48-53	2.3	16
8	Atomic Force Microscopy Reveals the Dynamic Morphology of Fenestrations in Live Liver Sinusoidal Endothelial Cells. <i>Scientific Reports</i> , <b>2017</b> , 7, 7994	4.9	24
7	Limitation of tuning the antibody-antigen reaction by changing the value of pH and its consequence for hyperthermia. <i>Journal of Biochemistry</i> , <b>2016</b> , 159, 421-7	3.1	5
6	Aryl Halide C-C Coupling on Ge(001):H Surfaces. <i>Journal of Physical Chemistry C</i> , <b>2015</b> , 119, 27478-27482	3.8	10
5	Preparation of the narrow size distribution USPIO in mesoporous silica for magnetic field guided drug delivery and release. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2015</b> , 374, 96-102	2.8	9

4	The Effect of Fe <sub>3</sub> O <sub>4</sub> Nanoparticles on Survival of Probiotic Bacteria <i>Lactobacillus acidophilus</i> PCM2499 at Lower pH. <i>Polish Journal of Microbiology</i> , <b>2015</b> , 64, 307-310	1.8	3
3	Space Dependent Mean Field Approximation Modelling. <i>Journal of Statistical Physics</i> , <b>2014</b> , 154, 1508-1515	1.5	8
2	Nanobuffering property of Fe <sub>3</sub> O <sub>4</sub> magnetic nanoparticles in aqueous solution. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2013</b> , 392, 1493-1499	3.3	7
1	FMR Study of the Porous Silicate Glasses with Fe <sub>3</sub> O <sub>4</sub> Magnetic Nanoparticles Fillers. <i>Journal of Nanomaterials</i> , <b>2012</b> , 2012, 1-7	3.2	4