

# Agathe Figarol

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/57985/publications.pdf>

Version: 2024-02-01

12  
papers

191  
citations

1163117

8  
h-index

1281871

11  
g-index

12  
all docs

12  
docs citations

12  
times ranked

422  
citing authors

#	ARTICLE	IF	CITATIONS
1	In vitro toxicity of carbon nanotubes, nano-graphite and carbon black, similar impacts of acid functionalization. <i>Toxicology in Vitro</i> , 2015, 30, 476-485.	2.4	49
2	Adsorption of Lactate Dehydrogenase Enzyme on Carbon Nanotubes: How to Get Accurate Results for the Cytotoxicity of These Nanomaterials. <i>Langmuir</i> , 2015, 31, 3635-3643.	3.5	25
3	Biological response to purification and acid functionalization of carbon nanotubes. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	1.9	24
4	Thermal annealing of carbon nanotubes reveals a toxicological impact of the structural defects. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	1.9	19
5	A journey from the endothelium to the tumor tissue: distinct behavior between PEO-PCL micelles and polymersomes nanocarriers. <i>Drug Delivery</i> , 2018, 25, 1766-1778.	5.7	14
6	Interstitial flow regulates in vitro three-dimensional self-organized brain micro-vessels. <i>Biochemical and Biophysical Research Communications</i> , 2020, 533, 600-606.	2.1	14
7	An in vitro self-organized three-dimensional model of the blood-brain barrier microvasculature. <i>Biomedical Materials (Bristol)</i> , 2021, 16, 015006.	3.3	14
8	Three-Dimensional in vitro Models of Healthy and Tumor Brain Microvasculature for Drug and Toxicity Screening. <i>Frontiers in Toxicology</i> , 2021, 3, 656254.	3.1	12
9	Quantitative Flow Cytometric Evaluation of Oxidative Stress and Mitochondrial Impairment in RAW 264.7 Macrophages after Exposure to Pristine, Acid Functionalized, or Annealed Carbon Nanotubes. <i>Nanomaterials</i> , 2020, 10, 319.	4.1	8
10	Transport of nano-objects in narrow channels: influence of Brownian diffusion, confinement and particle nature. <i>Journal of Physics Condensed Matter</i> , 2018, 30, 234001.	1.8	6
11	Biological Effects and Applications of Bulk and Surface Acoustic Waves on In Vitro Cultured Mammal Cells: New Insights. <i>Biomedicines</i> , 2022, 10, 1166.	3.2	4
12	Blood-brain barrier tissue engineering. , 2020, , 425-439.		2