

# Ylenia Miele

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2074300/publications.pdf>

Version: 2024-02-01

18  
papers

351  
citations

1040056

9  
h-index

888059

17  
g-index

18  
all docs

18  
docs citations

18  
times ranked

288  
citing authors

#	ARTICLE	IF	CITATIONS
1	Inhibition of the urea-urease reaction by the components of the zeolite imidazole frameworks-8 and the formation of urease-zinc-imidazole hybrid compound. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2022, 135, 15-28.	1.7	5
2	Collective Behavior of Urease pH Clocks in Nano- and Microvesicles Controlled by Fast Ammonia Transport. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 1979-1984.	4.6	10
3	Shape Deformation, Budding and Division of Giant Vesicles and Artificial Cells: A Review. <i>Life</i> , 2022, 12, 841.	2.4	11
4	Hybrid giant lipid vesicles incorporating a PMMA-based copolymer. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2021, 1865, 129611.	2.4	10
5	Shape changes and budding of giant vesicles induced by an internal chemical trigger: an interplay between osmosis and pH change. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 4262-4270.	2.8	16
6	Microplastics in the Aquatic Environment: Occurrence, Persistence, Analysis, and Human Exposure. <i>Water (Switzerland)</i> , 2021, 13, 973.	2.7	56
7	Effect of the Membrane Composition of Giant Unilamellar Vesicles on Their Budding Probability: A Trade-Off between Elasticity and Preferred Area Difference. <i>Life</i> , 2021, 11, 634.	2.4	5
8	Microplastics in the Environment: Intake through the Food Web, Human Exposure and Toxicological Effects. <i>Toxics</i> , 2021, 9, 224.	3.7	105
9	A selective Nile Red based solvatochromic probe: A study of fluorescence in LUVs and GUVs model membranes. <i>Dyes and Pigments</i> , 2021, 196, 109759.	3.7	6
10	A Flavone-Based Solvatochromic Probe with A Low Expected Perturbation Impact on the Membrane Physical State. <i>Molecules</i> , 2020, 25, 3458.	3.8	5
11	Self-division of giant vesicles driven by an internal enzymatic reaction. <i>Chemical Science</i> , 2020, 11, 3228-3235.	7.4	63
12	Composition and Microstructure of Biocompatible and pH-Sensitive Copolymers Prepared by a Free Solvent ARGET ATRP. <i>Lecture Notes in Bioengineering</i> , 2020, , 3-15.	0.4	0
13	The Relevance of Inorganic Nonlinear Chemical Reactions for the Origin of Life Studies. <i>Communications in Computer and Information Science</i> , 2019, , 138-150.	0.5	1
14	Modelling Approach to Enzymatic pH Oscillators in Giant Lipid Vesicles. <i>Lecture Notes in Bioengineering</i> , 2018, , 63-74.	0.4	6
15	On the origin and consequences of high DMAEMA reactivity ratio in ATRP copolymerization with MMA: An experimental and theoretical study. <i>Journal of Polymer Science Part A</i> , 2018, 56, 1366-1382.	2.3	7
16	Enhanced solubility of trichloroethylene (TCE) by a poly-oxethylene alcohol as green surfactant. <i>Environmental Technology and Innovation</i> , 2018, 12, 72-79.	6.1	14
17	Control of chemical chaos through medium viscosity in a batch ferroin-catalysed Belousovâ€Ž Zhabotinsky reaction. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 32235-32241.	2.8	22
18	Engineering Enzyme-Driven Dynamic Behaviour in Lipid Vesicles. <i>Communications in Computer and Information Science</i> , 2016, , 197-208.	0.5	9