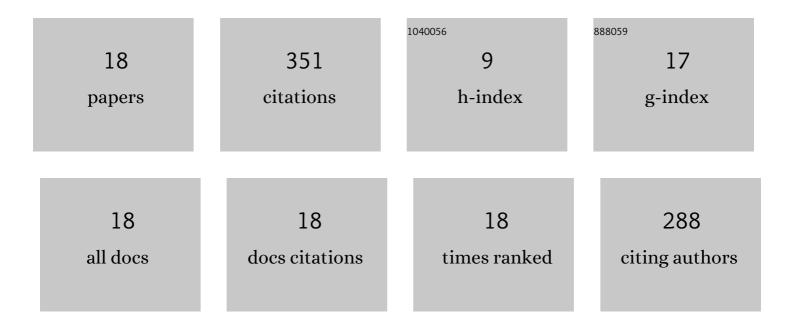
## Ylenia Miele

List of Publications by Year in descending order

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YIENIA MIELE

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