

# Francesca Lugli

## List of Publications by Year in descending order

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17  
papers

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citations

840776

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888059

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docs citations

18  
times ranked

696  
citing authors

#	ARTICLE	IF	CITATIONS
1	Protein aggregation detection with fluorescent macromolecular and nanostructured probes: challenges and opportunities. <i>New Journal of Chemistry</i> , 2021, 45, 14259-14268.	2.8	6
2	Conduction and Gating Properties of the TRAAK Channel from Molecular Dynamics Simulations with Different Force Fields. <i>Journal of Chemical Information and Modeling</i> , 2020, 60, 6532-6543.	5.4	12
3	Dynamic Self-Organization and Catalysis: Periodic versus Random Driving Forces. <i>Journal of Physical Chemistry C</i> , 2019, 123, 825-835.	3.1	3
4	Interaction of Single Cells with 2D Organic Monolayers: A Scanning Electrochemical Microscopy Study. <i>ChemElectroChem</i> , 2018, 5, 2975-2981.	3.4	16
5	Modeling Living Cells Response to Surface Tension and Chemical Patterns. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 19552-19561.	8.0	11
6	“Active” drops as phantom models for living cells: a mesoscopic particle-based approach. <i>Soft Matter</i> , 2016, 12, 3538-3544.	2.7	3
7	Electrochemical Fabrication of Surface Chemical Gradients in Thiol Self-Assembled Monolayers with Tailored Work-Functions. <i>Langmuir</i> , 2014, 30, 11591-11598.	3.5	13
8	And Yet it Moves! Microfluidics Without Channels and Troughs. <i>Advanced Functional Materials</i> , 2013, 23, 5543-5549.	14.9	22
9	Amyloid- $\beta$ fibril disruption by C60 molecular guidance for rational drug design. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 8599.	2.8	56
10	Shape Governs the Motion of Chemically Propelled Janus Swimmers. <i>Journal of Physical Chemistry C</i> , 2012, 116, 592-598.	3.1	47
11	Electric Field Effects on Short Fibrils of $\beta$ Amyloid Peptides. <i>Journal of Chemical Theory and Computation</i> , 2010, 6, 3516-3526.	5.3	39
12	Effects of Electric Field Stress on a $\beta$ -Amyloid Peptide. <i>Journal of Physical Chemistry B</i> , 2009, 113, 369-376.	2.6	83
13	Atomistic Simulation of “Drop-on-Demand” Inkjet Dynamics. <i>Journal of Physical Chemistry C</i> , 2008, 112, 10616-10621.	3.1	5
14	Molecular Dynamics of Nanobubbles™ Collapse in Ionic Solutions. <i>ChemPhysChem</i> , 2007, 8, 47-49.	2.1	13
15	An introduction to bubble dynamics. <i>Physical Chemistry Chemical Physics</i> , 2007, 9, 2447.	2.8	42
16	The Collapse of Nanobubbles in Water. <i>Journal of the American Chemical Society</i> , 2005, 127, 8020-8021.	18.7	31
17	Ring Current Patterns in Annelated Bicyclic Polyenes. <i>Journal of Physical Chemistry A</i> , 2002, 106, 5703-5708.	2.5	22