Francesca Lugli

List of Publications by Year
in descending order

17	424	840776 11	888059 17
papers	citations	h-index	g-index

18	18	18	696
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effects of Electric Field Stress on a Î²-Amyloid Peptide. Journal of Physical Chemistry B, 2009, 113, 369-376.	2.6	83
2	Amyloid-Î² fibril disruption by C60â€"molecular guidance for rational drug design. Physical Chemistry Chemical Physics, 2012, 14, 8599.	2.8	56
3	Shape Governs the Motion of Chemically Propelled Janus Swimmers. Journal of Physical Chemistry C, 2012, 116, 592-598.	3.1	47
4	An introduction to bubble dynamics. Physical Chemistry Chemical Physics, 2007, 9, 2447.	2.8	42
5	Electric Field Effects on Short Fibrils of AÎ² Amyloid Peptides. Journal of Chemical Theory and Computation, 2010, 6, 3516-3526.	5.3	39
6	The Collapse of Nanobubbles in Water. Journal of the American Chemical Society, 2005, 127, 8020-8021.	13.7	31
7	Ring Current Patterns in Annelated Bicyclic Polyenes. Journal of Physical Chemistry A, 2002, 106, 5703-5708.	2.5	22
8	And Yet it Moves! Microfluidics Without Channels and Troughs. Advanced Functional Materials, 2013, 23, 5543-5549.	14.9	22
9	Interaction of Single Cells with 2D Organic Monolayers: A Scanning Electrochemical Microscopy Study. ChemElectroChem, 2018, 5, 2975-2981.	3.4	16
10	Molecular Dynamics of Nanobubblesâ€™ Collapse in Ionic Solutions. ChemPhysChem, 2007, 8, 47-49.	2.1	13
11	Electrochemical Fabrication of Surface Chemical Gradients in Thiol Self-Assembled Monolayers with Tailored Work-Functions. Langmuir, 2014, 30, 11591-11598.	3.5	13
12	Conduction and Gating Properties of the TRAAK Channel from Molecular Dynamics Simulations with Different Force Fields. Journal of Chemical Information and Modeling, 2020, 60, 6532-6543.	5.4	12
13	Modeling Living Cells Response to Surface Tension and Chemical Patterns. ACS Applied Materials & Interfaces, 2017, 9, 19552-19561.	8.0	11
14	Protein aggregation detection with fluorescent macromolecular and nanostructured probes: challenges and opportunities. New Journal of Chemistry, 2021, 45, 14259-14268.	2.8	6
15	Atomistic Simulation of â€œDrop-on-Demandâ€•Inkjet Dynamics. Journal of Physical Chemistry C, 2008, 112, 10616-10621.	3.1	5
16	â€œActiveâ€•drops as phantom models for living cells: a mesoscopic particle-based approach. Soft Matter, 2016, 12, 3538-3544.	2.7	3
17	Dynamic Self-Organization and Catalysis: Periodic versus Random Driving Forces. Journal of Physical Chemistry C, 2019, 123, 825-835.	3.1	3