

# Francesca Stanzione

## List of Publications by Year in descending order

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13  
papers

320  
citations

1163117

8  
h-index

1125743

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g-index

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all docs

13  
docs citations

13  
times ranked

422  
citing authors

#	ARTICLE	IF	CITATIONS
1	Combining simulations and experiments for the molecular engineering of multifunctional collagen mimetic peptide-based materials. <i>Soft Matter</i> , 2021, 17, 1985-1998.	2.7	10
2	Use of molecular docking computational tools in drug discovery. <i>Progress in Medicinal Chemistry</i> , 2021, 60, 273-343.	10.4	154
3	New insights and innovation from a million crystal structures in the Cambridge Structural Database. <i>Structural Dynamics</i> , 2019, 6, 054301.	2.3	16
4	Intrinsic Structural Features of the Human IRE1 $\hat{\pm}$ Transmembrane Domain Sense Membrane Lipid Saturation. <i>Cell Reports</i> , 2019, 27, 307-320.e5.	6.4	34
5	Hybrid Atomistic and Coarse-Grained Molecular Dynamics Simulations of Polyethylene Glycol (PEG) in Explicit Water. <i>Journal of Physical Chemistry B</i> , 2016, 120, 4160-4173.	2.6	29
6	Computational Design of Oligopeptide Containing Poly(ethylene glycol) Brushes for Stimuli-Responsive Drug Delivery. <i>Journal of Physical Chemistry B</i> , 2015, 119, 13309-13320.	2.6	14
7	Design Principles for Nanoparticles Enveloped by a Polymer-Tethered Lipid Membrane. <i>ACS Nano</i> , 2015, 9, 9942-9954.	14.6	22
8	Computational and Experimental Analyses of the Transmembrane Domain Dimerization of IRE1 $\hat{\pm}$ Protein. <i>Biophysical Journal</i> , 2013, 104, 406a.	0.5	1
9	The intrinsic stability of the human prion $\hat{\pm}$ -sheet region investigated by molecular dynamics. <i>Journal of Biomolecular Structure and Dynamics</i> , 2013, 31, 441-452.	3.5	2
10	Dendritic Amphiphiles Strongly Affect the Biophysical Properties of DPPC Bilayer Membranes. <i>Journal of Physical Chemistry B</i> , 2013, 117, 1810-1818.	2.6	4
11	Dynamical Properties of Steric Zipper Polymorphs Formed by a IAPP-Derived Peptide. <i>Protein and Peptide Letters</i> , 2012, 19, 846-851.	0.9	1
12	Role of the Conformational Versatility of the Neurotrophin N-Terminal Regions in Their Recognition by Trk Receptors. <i>Biophysical Journal</i> , 2010, 99, 2273-2278.	0.5	8
13	Dynamics and stability of amyloid-like steric zipper assemblies with hydrophobic dry interfaces. <i>Biopolymers</i> , 2009, 91, 1161-1171.	2.4	25