

Amanda B Marciel

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,318
citations

623734

14
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

1768
citing authors

#	ARTICLE	IF	CITATIONS
1	Free-floating ultrathin two-dimensional crystals from sequence-specific peptoid polymers. <i>Nature Materials</i> , 2010, 9, 454-460.	27.5	384
2	Phase Behavior and Salt Partitioning in Polyelectrolyte Complex Coacervates. <i>Macromolecules</i> , 2018, 51, 2988-2995.	4.8	241
3	Oligonucleotideâ€“Peptide Complexes: Phase Control by Hybridization. <i>Journal of the American Chemical Society</i> , 2018, 140, 1632-1638.	13.7	172
4	Structure and rheology of polyelectrolyte complex coacervates. <i>Soft Matter</i> , 2018, 14, 2454-2464.	2.7	136
5	Ultrafast Redistribution of E. coli SSB along Long Single-Stranded DNA via Intersegment Transfer. <i>Journal of Molecular Biology</i> , 2014, 426, 2413-2421.	4.2	57
6	Memory Seeds Enable High Structural Phase Purity in 2D Perovskite Films for Highâ€“Efficiency Devices. <i>Advanced Materials</i> , 2021, 33, e2007176.	21.0	50
7	Bulk and nanoscale polypeptide based polyelectrolyte complexes. <i>Advances in Colloid and Interface Science</i> , 2017, 239, 187-198.	14.7	44
8	Topology-Controlled Relaxation Dynamics of Single Branched Polymers. <i>ACS Macro Letters</i> , 2015, 4, 446-452.	4.8	40
9	A zwitterionic block-copolymer, based on glutamic acid and lysine, reduces the biofouling of UF and RO membranes. <i>Journal of Membrane Science</i> , 2018, 549, 507-514.	8.2	38
10	Polyampholyte physics: Liquidâ€“liquid phase separation and biological condensates. <i>Current Opinion in Colloid and Interface Science</i> , 2021, 54, 101457.	7.4	32
11	Fluidicâ€“Directed Assembly of Aligned Oligopeptides with Î€“Conjugated Cores. <i>Advanced Materials</i> , 2013, 25, 6398-6404.	21.0	31
12	High-phase purity two-dimensional perovskites with 17.3% efficiency enabled by interface engineering of hole transport layer. <i>Cell Reports Physical Science</i> , 2021, 2, 100601.	5.6	17
13	Physicochemical Characterization of Asphaltenes Using Microfluidic Analysis. <i>Chemical Reviews</i> , 2022, 122, 7205-7235.	47.7	16
14	New directions in single polymer dynamics. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2013, 51, 556-566.	2.1	15
15	Template-Directed Synthesis of Structurally Defined Branched Polymers. <i>Macromolecules</i> , 2015, 48, 1296-1303.	4.8	14
16	Scale-Dependent Stiffness and Internal Tension of a Model Brush Polymer. <i>Physical Review Letters</i> , 2017, 119, 127801.	7.8	11
17	Single-Molecule Dynamics Reflect IgG Conformational Changes Associated with Ion-Exchange Chromatography. <i>Analytical Chemistry</i> , 2021, 93, 11200-11207.	6.5	7
18	Rheological properties of engineered protein polymer networks. <i>MRS Bulletin</i> , 2020, 45, 1048-1054.	3.5	6

#	ARTICLE	IF	CITATIONS
19	Electrostatic Repulsion Slows Relaxations of Polyelectrolytes in Semidilute Solutions. ACS Macro Letters, 2022, 11, 854-860.	4.8	6
20	SAXS methods for investigating macromolecular and self-assembled polyelectrolyte complexes. Methods in Enzymology, 2021, 646, 223-259.	1.0	1