

Erika F Merschrod S

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

338
citations

759233

12
h-index

794594

19
g-index

24
all docs

24
docs citations

24
times ranked

566
citing authors

#	ARTICLE	IF	CITATIONS
1	Dispersing as-prepared single-walled carbon nanotube powders with linear conjugated polymers. <i>Chemical Communications</i> , 2006, , 4937.	4.1	65
2	Improved Adhesion of Gold Thin Films Evaporated on Polymer Resin: Applications for Sensing Surfaces and MEMS. <i>Sensors</i> , 2013, 13, 7021-7032.	3.8	35
3	Electrochemically Controlled Growth and Positioning of Suspended Collagen Membranes. <i>Langmuir</i> , 2008, 24, 2970-2972.	3.5	30
4	Surface-Templated Formation of Protein Microfibril Arrays. <i>Langmuir</i> , 2008, 24, 5418-5421.	3.5	29
5	Preparation of Fullerene~Polyyne Nanospheres via Thermally Induced Solid-State Polymerization. <i>Journal of the American Chemical Society</i> , 2005, 127, 14154-14155.	13.7	25
6	Correlating Mechanical Properties with Aggregation Processes in Electrochemically Fabricated Collagen Membranes. <i>Biomacromolecules</i> , 2009, 10, 1970-1975.	5.4	21
7	Development and characterization of a eukaryotic expression system for human type II procollagen. <i>BMC Biotechnology</i> , 2015, 15, 112.	3.3	21
8	Biochemical analysis of the interaction of calcium with toposome: A major protein component of the sea urchin egg and embryo. <i>Journal of Cellular Biochemistry</i> , 2008, 103, 1464-1471.	2.6	15
9	Structural Features That Stabilize ZnO Clusters: An Electronic Structure Approach. <i>Computation</i> , 2013, 1, 16-26.	2.0	15
10	Phase-Selective Electroprecipitation of Calcium Phosphate Thin Films at Physiological Temperatures. <i>Crystal Growth and Design</i> , 2006, 6, 2634-2636.	3.0	13
11	Aggregation and Adsorption of Type I Collagen near an Electrified Interface. <i>Macromolecules</i> , 2007, 40, 8440-8444.	4.8	13
12	Controlled Cell Proliferation on an Electrochemically Engineered Collagen Scaffold. <i>Macromolecular Bioscience</i> , 2012, 12, 360-366.	4.1	13
13	Scaffold Effects on Osteogenic Differentiation of Equine Mesenchymal Stem Cells: An In Vitro Comparative Study. <i>Macromolecular Bioscience</i> , 2013, 13, 348-355.	4.1	12
14	Surface potential and morphology mapping to investigate analyte adsorption effects on surface enhanced Raman scattering (SERS). <i>Chemical Communications</i> , 2017, 53, 12024-12027.	4.1	11
15	[(silox) ₂ ReO] ₂ (silox = tBu ₃ SiO) contains a Re-μ-Re bond and terminal oxo ligands. <i>Chemical Communications</i> , 1998, , 2591-2592.	4.1	4
16	Polyboride Networks, Molybdenum Clusters, and Uranium Bonding. <i>Chemistry of Materials</i> , 1999, 11, 341-351.	6.7	4
17	Collagen-Membrane-Induced Calcium Phosphate Electrocrystallization. <i>Crystal Growth and Design</i> , 2011, 11, 26-28.	3.0	4
18	Redox-dependent properties of DTF-encapped ß-oligomers. <i>New Journal of Chemistry</i> , 2017, 41, 15251-15259.	2.8	3

#	ARTICLE	IF	CITATIONS
19	Local Mechanical Response in Biological Thin Films and Nanostructures. Biophysical Journal, 2013, 104, 514a.	0.5	0
20	Supramolecular structure and anomer-selective formation of polyglucuronic acid. Polymer International, 2013, 62, 804-810.	3.1	0
21	Hierarchical Magnetic Films for High-Performance Plasmonic Sensors. Langmuir, 2021, 37, 14043-14049.	3.5	0