Eleftheria Diamanti

List of Publications by Year
in descending order

20	315	933447 10	839539 18
papers	citations	h-index	g-index

21	21	21	506
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Exploring the pH Sensitivity of Poly(allylamine) Phosphate Supramolecular Nanocarriers for Intracellular siRNA Delivery. ACS Applied Materials & Interfaces, 2017, 9, 38242-38254.	8.0	38
2	Enhanced antiadhesive properties of chitosan/hyaluronic acid polyelectrolyte multilayers driven by thermal annealing: Low adherence for mammalian cells and selective decrease in adhesion for Gram-positive bacteria. Materials Science and Engineering C, 2017, 80, 677-687.	7.3	38
3	Impact of thermal annealing on wettability and antifouling characteristics of alginate poly-l-lysine polyelectrolyte multilayer films. Colloids and Surfaces B: Biointerfaces, 2016, 145, 328-337.	5.0	34
4	Polyelectrolytes Multilayers to Modulate Cell Adhesion: A Study of the Influence of Film Composition and Polyelectrolyte Interdigitation on the Adhesion of the A549 Cell Line. Macromolecular Bioscience, 2016, 16, 482-495.	4.1	28
5	Intraparticle Kinetics Unveil Crowding and Enzyme Distribution Effects on the Performance of Cofactor-Dependent Heterogeneous Biocatalysts. ACS Catalysis, 2021, 11, 15051-15067.	11.2	27
6	High Resistivity Lipid Bilayers Assembled on Polyelectrolyte Multilayer Cushions: An Impedance Study. Langmuir, 2016, 32, 6263-6271.	3.5	24
7	Thermal Annealing of Polyelectrolyte Multilayers: An Effective Approach for the Enhancement of Cell Adhesion. Advanced Materials Interfaces, 2017, 4, 1600126.	3.7	23
8	Intraparticle Macromolecular Migration Alters the Structure and Function of Proteins Reversibly Immobilized on Porous Microbeads. Advanced Materials Interfaces, 2022, 9, .	3.7	18
9	Gramicidin ion channels in a lipid bilayer supported on polyelectrolyte multilayer films: an electrochemical impedance study. Soft Matter, 2017, 13, 8922-8929.	2.7	15
10	Role of Hydrogen Bonding and Polyanion Composition in the Formation of Lipid Bilayers on Top of Polyelectrolyte Multilayers. Langmuir, 2015, 31, 8623-8632.	3.5	14
11	Solid-Phase Assembly of Multienzyme Systems into Artificial Cellulosomes. Bioconjugate Chemistry, 2021, 32, 1966-1972.	3.6	12
12	A biomimetic approach for enhancing adhesion and osteogenic differentiation of adipose-derived stem cells on poly(butylene succinate) composites with bioactive ceramics and glasses. European Polymer Journal, 2017, 87, 159-173.	5.4	10
13	One-pot biotransformation of glycerol into serinol catalysed by biocatalytic composites made of whole cells and immobilised enzymes. Green Chemistry, 2021, 23, 1140-1146.	9.0	10
14	Fabrication of hybrid graphene oxide/polyelectrolyte capsules by means of layer-by-layer assembly on erythrocyte cell templates. Beilstein Journal of Nanotechnology, 2015, 6, 2310-2318.	2.8	9
15	Virosome engineering of colloidal particles and surfaces: bioinspired fusion to supported lipid layers. Nanoscale, 2016, 8, 7933-7941.	5.6	7
16	Effects of valinomycin doping on the electrical and structural properties of planar lipid bilayers supported on polyelectrolyte multilayers. Bioelectrochemistry, 2021, 138, 107688.	4.6	3
17	Lipid Layers on Polyelectrolyte Multilayers: Understanding Lipidâ€“Polyelectrolyte Interactions and Applications on the Surface Engineering of Nanomaterials. Journal of Nanoscience and Nanotechnology, 2016, 16, 5696-5700.	0.9	2
18	Study of the Impact of Polyanions on the Formation of Lipid Bilayers on Top of Polyelectrolyte Multilayers with Poly(allylamine hydrochloride) as the Top Layer. Journal of Physical Chemistry B, 2017, 121, 1158-1167.	2.6	2

#	Article	IF	Citations
19	Smart, biocompatible, responsive surfaces on pH, temperature and ionic strength of titanium oxide and niobium oxide with polymer brushes of poly(acrylic acid), poly(N-isopropylacrylamide) and poly([2-(methacryloyloxy)ethyl] trimethylammonium chloride). European Polymer Journal, 2019, 112, 306-319.	5.4	1
20	Use of smartphones as optical metrology tools for surface wear detection. International Journal of Advanced Manufacturing Technology, 2021, 114, 231-240.	3.0	0