

Eleftheria Diamanti

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

315
citations

933447

10
h-index

839539

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21
all docs

21
docs citations

21
times ranked

506
citing authors

#	ARTICLE	IF	CITATIONS
1	Intraparticle Macromolecular Migration Alters the Structure and Function of Proteins Reversibly Immobilized on Porous Microbeads. <i>Advanced Materials Interfaces</i> , 2022, 9, .	3.7	18
2	Effects of valinomycin doping on the electrical and structural properties of planar lipid bilayers supported on polyelectrolyte multilayers. <i>Bioelectrochemistry</i> , 2021, 138, 107688.	4.6	3
3	One-pot biotransformation of glycerol into serinol catalysed by biocatalytic composites made of whole cells and immobilised enzymes. <i>Green Chemistry</i> , 2021, 23, 1140-1146.	9.0	10
4	Use of smartphones as optical metrology tools for surface wear detection. <i>International Journal of Advanced Manufacturing Technology</i> , 2021, 114, 231-240.	3.0	0
5	Solid-Phase Assembly of Multienzyme Systems into Artificial Cellulosomes. <i>Bioconjugate Chemistry</i> , 2021, 32, 1966-1972.	3.6	12
6	Intraparticle Kinetics Unveil Crowding and Enzyme Distribution Effects on the Performance of Cofactor-Dependent Heterogeneous Biocatalysts. <i>ACS Catalysis</i> , 2021, 11, 15051-15067.	11.2	27
7	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). <i>European Polymer Journal</i> , 2019, 112, 306-319.	5.4	1
8	Thermal Annealing of Polyelectrolyte Multilayers: An Effective Approach for the Enhancement of Cell Adhesion. <i>Advanced Materials Interfaces</i> , 2017, 4, 1600126.	3.7	23
9	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. <i>Journal of Physical Chemistry B</i> , 2017, 121, 1158-1167.	2.6	2
10	A biomimetic approach for enhancing adhesion and osteogenic differentiation of adipose-derived stem cells on poly(butylene succinate) composites with bioactive ceramics and glasses. <i>European Polymer Journal</i> , 2017, 87, 159-173.	5.4	10
11	Exploring the pH Sensitivity of Poly(allylamine) Phosphate Supramolecular Nanocarriers for Intracellular siRNA Delivery. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 38242-38254.	8.0	38
12	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. <i>Materials Science and Engineering C</i> , 2017, 80, 677-687.	7.3	38
13	Gramicidin ion channels in a lipid bilayer supported on polyelectrolyte multilayer films: an electrochemical impedance study. <i>Soft Matter</i> , 2017, 13, 8922-8929.	2.7	15
14	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. <i>Macromolecular Bioscience</i> , 2016, 16, 482-495.	4.1	28
15	Impact of thermal annealing on wettability and antifouling characteristics of alginate poly-L-lysine polyelectrolyte multilayer films. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 145, 328-337.	5.0	34
16	Lipid Layers on Polyelectrolyte Multilayers: Understanding Lipid-Polyelectrolyte Interactions and Applications on the Surface Engineering of Nanomaterials. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 5696-5700.	0.9	2
17	High Resistivity Lipid Bilayers Assembled on Polyelectrolyte Multilayer Cushions: An Impedance Study. <i>Langmuir</i> , 2016, 32, 6263-6271.	3.5	24
18	Virosome engineering of colloidal particles and surfaces: bioinspired fusion to supported lipid layers. <i>Nanoscale</i> , 2016, 8, 7933-7941.	5.6	7

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19	Fabrication of hybrid graphene oxide/polyelectrolyte capsules by means of layer-by-layer assembly on erythrocyte cell templates. <i>Beilstein Journal of Nanotechnology</i> , 2015, 6, 2310-2318.	2.8	9
20	Role of Hydrogen Bonding and Polyanion Composition in the Formation of Lipid Bilayers on Top of Polyelectrolyte Multilayers. <i>Langmuir</i> , 2015, 31, 8623-8632.	3.5	14