

# Manuel Alatorre-Meda

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3976692/publications.pdf>

Version: 2024-02-01

34  
papers

1,124  
citations

361413

20  
h-index

454955

30  
g-index

38  
all docs

38  
docs citations

38  
times ranked

2112  
citing authors

#	ARTICLE	IF	CITATIONS
1	Physicochemical Characteristics of Proteinâ€”NP Bioconjugates: The Role of Particle Curvature and Solution Conditions on Human Serum Albumin Conformation and Fibrillogenesis Inhibition. <i>Langmuir</i> , 2012, 28, 9113-9126.	3.5	192
2	Fluorescent Drug-Loaded, Polymeric-Based, Branched Gold Nanoshells for Localized Multimodal Therapy and Imaging of Tumoral Cells. <i>ACS Nano</i> , 2014, 8, 2725-2738.	14.6	162
3	Chitosanâ€”hyaluronic acid nanoparticles for gene silencing: The role of hyaluronic acid on the nanoparticlesâ€™ formation and activity. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 103, 615-623.	5.0	76
4	Drug nano-reservoirs synthesized using layer-by-layer technologies. <i>Biotechnology Advances</i> , 2015, 33, 1310-1326.	11.7	67
5	The influence of chitosan valence on the complexation and transfection of DNA: The weaker the DNAâ€”chitosan binding the higher the transfection efficiency. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 82, 54-62.	5.0	56
6	DNAâ€”chitosan complexation: A dynamic light scattering study. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009, 339, 145-152.	4.7	49
7	Polymericâ€”Gold Nanohybrids for Combined Imaging and Cancer Therapy. <i>Advanced Healthcare Materials</i> , 2014, 3, 1309-1325.	7.6	48
8	Targeted Combinatorial Therapy Using Gold Nanostars as Theranostic Platforms. <i>Journal of Physical Chemistry C</i> , 2014, 118, 26313-26323.	3.1	42
9	DNAâ€”Poly(diallyldimethylammonium chloride) Complexation and Transfection Efficiency. <i>Journal of Physical Chemistry B</i> , 2010, 114, 9356-9366.	2.6	40
10	Hydration effects on the fibrillation process of a globular protein: the case of human serum albumin. <i>Soft Matter</i> , 2012, 8, 3608.	2.7	33
11	Fatty Acid and Lipopolysaccharide Effect on Beta Cells Proteostasis and its Impact on Insulin Secretion. <i>Cells</i> , 2019, 8, 884.	4.1	33
12	Photocrosslinked Alginate-Methacrylate Hydrogels with Modulable Mechanical Properties: Effect of the Molecular Conformation and Electron Density of the Methacrylate Reactive Group. <i>Materials</i> , 2020, 13, 534.	2.9	33
13	Biocompatible Polymeric Microparticles Produced by a Simple Biomimetic Approach. <i>Langmuir</i> , 2014, 30, 4535-4539.	3.5	30
14	Effects of the hydrophobization on chitosanâ€”insulin nanoparticles obtained by an alkylation reaction on chitosan. <i>Journal of Applied Polymer Science</i> , 2013, 129, 822-834.	2.6	25
15	The role of hyaluronic acid inclusion on the energetics of encapsulation and release of a protein molecule from chitosan-based nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 141, 223-232.	5.0	25
16	Superhydrophobic Surfaces as a Tool for the Fabrication of Hierarchical Spherical Polymeric Carriers. <i>Small</i> , 2015, 11, 3648-3652.	10.0	24
17	UV and Near-IR Triggered Release from Polymeric Micelles and Nanoparticles. <i>RSC Smart Materials</i> , 2013, , 304-348.	0.1	23
18	New insights on the mechanism of polyethylenimine transfection and their implications on gene therapy and DNA vaccines. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 210, 112219.	5.0	23

#	ARTICLE	IF	CITATIONS
19	Polysaccharide-Based Nanobiomaterials as Controlled Release Systems for Tissue Engineering Applications. <i>Current Pharmaceutical Design</i> , 2015, 21, 4837-4850.	1.9	21
20	Release of DNA from surfactant complexes induced by 2-hydroxypropyl- $\beta$ -cyclodextrin. <i>International Journal of Biological Macromolecules</i> , 2010, 46, 153-158.	7.5	20
21	Enhanced Cell Affinity of Chitosan Membranes Mediated by Superficial Cross-Linking: A Straightforward Method Attainable by Standard Laboratory Procedures. <i>Biomacromolecules</i> , 2014, 15, 291-301.	5.4	18
22	NIR-Emitting Alloyed CdTeSe QDs and Organic Dye Assemblies: A Nontoxic, Stable, and Efficient FRET System. <i>Nanomaterials</i> , 2018, 8, 231.	4.1	16
23	Micellisation of triblock copolymers of ethylene oxide and 1,2-butylene oxide: Effect of B-block length. <i>Journal of Colloid and Interface Science</i> , 2011, 361, 154-158.	9.4	15
24	DNA- $\alpha$ -METAFECTENE <sub>3</sub> PRO complexation: a physical chemistry study. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 7464.	2.8	12
25	Bis-quaternary ammonium gemini surfactants for gene therapy: Effects of the spacer hydrophobicity on the DNA complexation and biological activity. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 189, 110817.	5.0	11
26	Preparation of Polymeric Films of PVDMA-PEI Functionalized with Fatty Acids for Studying the Adherence and Proliferation of Langerhans $\beta$ -Cells. <i>ACS Omega</i> , 2020, 5, 5249-5257.	3.5	6
27	Optimizing the Efficiency of a Cytocompatible Carbon-Dots-Based FRET Platform and Its Application as a Riboflavin Sensor in Beverages. <i>Nanomaterials</i> , 2021, 11, 1981.	4.1	6
28	Characterization of the complexation phenomenon and biological activity in vitro of polyplexes based on Tetronic T901 and DNA. <i>Journal of Colloid and Interface Science</i> , 2018, 519, 58-70.	9.4	5
29	Lipid Modulation in the Formation of $\beta$ -Sheet Structures. Implications for De Novo Design of Human Islet Amyloid Polypeptide and the Impact on $\beta$ -Cell Homeostasis. <i>Biomolecules</i> , 2020, 10, 1201.	4.0	5
30	Polycation-Mediated Gene Delivery: The Physicochemical Aspects Governing the Process. , 2011, , .		3
31	Biocompatible hollow polymeric particles produced by a mild solvent- and template free strategy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 160, 732-740.	5.0	2
32	Biomimetic Nanohybrids for Combined imaging and Cancer Therapy. <i>Materials Research Society Symposia Proceedings</i> , 2012, 1468, 37.	0.1	0
33	Publisher's note. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 159, 898.	5.0	0
34	New synthesis of N-alkyl- $\beta$ -amino acids and their methyl esters from dendrimeric molecules. <i>MRS Communications</i> , 2020, 10, 338-345.	1.8	0