

# Barbara Blanco-Fernandez

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

1,092  
citations

567281

15  
h-index

677142

22  
g-index

24  
all docs

24  
docs citations

24  
times ranked

1820  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bringing lipidic lyotropic liquid crystal technology into biomedicine. Trends in Pharmacological Sciences, 2022, , .	8.7	0
2	Bioprinting Decellularized Breast Tissue for the Development of Three-Dimensional Breast Cancer Models. ACS Applied Materials & Interfaces, 2022, 14, 29467-29482.	8.0	25
3	Nanotechnology Approaches in Chronic Wound Healing. Advances in Wound Care, 2021, 10, 234-256.	5.1	76
4	Proteinaceous Hydrogels for Bioengineering Advanced 3D Tumor Models. Advanced Science, 2021, 8, 2003129.	11.2	41
5	Engineered microtissues for the bystander therapy against cancer. Materials Science and Engineering C, 2021, 121, 111854.	7.3	3
6	Development and Angiogenic Potential of Cell-Derived Microtissues Using Microcarrier-Template. Biomedicines, 2021, 9, 232.	3.2	8
7	Recent Progress on Polysaccharide-Based Hydrogels for Controlled Delivery of Therapeutic Biomolecules. ACS Biomaterials Science and Engineering, 2021, 7, 4102-4127.	5.2	64
8	Tantalum oxide nanoparticles as versatile contrast agents for X-ray computed tomography. Nanoscale, 2020, 12, 7720-7734.	5.6	39
9	Epidermal Delivery of Retinyl Palmitate Loaded Transfersomes: Penetration and Biodistribution Studies. Pharmaceutics, 2020, 12, 112.	4.5	25
10	Human Ovarian Cancer Tumor Formation in Severe Combined Immunodeficient (SCID) Pigs. Frontiers in Oncology, 2019, 9, 9.	2.8	32
11	Dynamic Contrast-Enhanced MRI of OATP Dysfunction in Diabetes. Diabetes, 2019, 68, 271-280.	0.6	16
12	Dually sensitive dextran-based micelles for methotrexate delivery. RSC Advances, 2017, 7, 14448-14460.	3.6	22
13	Preparation of antioxidant active films based on chitosan: diffusivity study of $\alpha$ -tocopherol into food simulants. Journal of Food Science and Technology, 2016, 53, 2817-2826.	2.8	19
14	Fabrication of magnetic and fluorescent chitin and dibutylchitin sub-micron particles by oil-in-water emulsification. Acta Biomaterialia, 2016, 45, 276-285.	8.3	9
15	Surface engineering of bismuth nanocrystals to counter dissolution. Nanoscale, 2016, 8, 13217-13222.	5.6	12
16	Encapsulation of Antioxidant Gallate Derivatives in Biocompatible Poly( $\epsilon$ -caprolactone)- <i>b</i> -Pluronic- <i>b</i> -Poly( $\epsilon$ -caprolactone) Micelles. Langmuir, 2016, 32, 3331-3339.	3.5	25
17	Glucose cryoprotectant affects glutathione-responsive antitumor drug release from polysaccharide nanoparticles. European Journal of Pharmaceutics and Biopharmaceutics, 2015, 93, 281-292.	4.3	13
18	Hydrophobically Modified Keratin Vesicles for GSH-Responsive Intracellular Drug Release. Bioconjugate Chemistry, 2015, 26, 1900-1907.	3.6	54

#	ARTICLE	IF	CITATIONS
19	Stimuli-Sensitive Nanostructured Systems for Biomedical Applications. <i>Frontiers in Nanobiomedical Research</i> , 2014, , 309-348.	0.1	3
20	Crosslinked ionic polysaccharides for stimuli-sensitive drug delivery. <i>Advanced Drug Delivery Reviews</i> , 2013, 65, 1148-1171.	13.7	428
21	Edible chitosan/acetylated monoglyceride films for prolonged release of vitamin E and antioxidant activity. <i>Journal of Applied Polymer Science</i> , 2013, 129, 626-635.	2.6	23
22	Synthesis of Temperature-Responsive Dextran-MA/PNIPAAm Particles for Controlled Drug Delivery Using Superhydrophobic Surfaces. <i>Pharmaceutical Research</i> , 2011, 28, 1294-1305.	3.5	96
23	Synergistic performance of cyclodextrin-agar hydrogels for ciprofloxacin delivery and antimicrobial effect. <i>Carbohydrate Polymers</i> , 2011, 85, 765-774.	10.2	59