

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	Crosslinked ionic polysaccharides for stimuli-sensitive drug delivery. <i>Advanced Drug Delivery Reviews</i> , 2013, 65, 1148-1171.	13.7	428
2	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
3	Nanotechnology Approaches in Chronic Wound Healing. <i>Advances in Wound Care</i> , 2021, 10, 234-256.	5.1	76
4	Recent Progress on Polysaccharide-Based Hydrogels for Controlled Delivery of Therapeutic Biomolecules. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 4102-4127.	5.2	64
5	Synergistic performance of cyclodextrin-agar hydrogels for ciprofloxacin delivery and antimicrobial effect. <i>Carbohydrate Polymers</i> , 2011, 85, 765-774.	10.2	59
6	Hydrophobically Modified Keratin Vesicles for GSH-Responsive Intracellular Drug Release. <i>Bioconjugate Chemistry</i> , 2015, 26, 1900-1907.	3.6	54
7	Proteinaceous Hydrogels for Bioengineering Advanced 3D Tumor Models. <i>Advanced Science</i> , 2021, 8, 2003129.	11.2	41
8	Tantalum oxide nanoparticles as versatile contrast agents for X-ray computed tomography. <i>Nanoscale</i> , 2020, 12, 7720-7734.	5.6	39
9	Human Ovarian Cancer Tumor Formation in Severe Combined Immunodeficient (SCID) Pigs. <i>Frontiers in Oncology</i> , 2019, 9, 9.	2.8	32
10	Encapsulation of Antioxidant Gallate Derivatives in Biocompatible Poly(μ -caprolactone)-Pluronic-Poly(μ -caprolactone) Micelles. <i>Langmuir</i> , 2016, 32, 3331-3339.	3.5	25
11	Epidermal Delivery of Retinyl Palmitate Loaded Transfersomes: Penetration and Biodistribution Studies. <i>Pharmaceutics</i> , 2020, 12, 112.	4.5	25
12	Bioprinting Decellularized Breast Tissue for the Development of Three-Dimensional Breast Cancer Models. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 29467-29482.	8.0	25
13	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
14	Dually sensitive dextran-based micelles for methotrexate delivery. <i>RSC Advances</i> , 2017, 7, 14448-14460.	3.6	22
15	Preparation of antioxidant active films based on chitosan: diffusivity study of α -tocopherol into food simulants. <i>Journal of Food Science and Technology</i> , 2016, 53, 2817-2826.	2.8	19
16	Dynamic Contrast-Enhanced MRI of OATP Dysfunction in Diabetes. <i>Diabetes</i> , 2019, 68, 271-280.	0.6	16
17	Glucose cryoprotectant affects glutathione-responsive antitumor drug release from polysaccharide nanoparticles. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 93, 281-292.	4.3	13
18	Surface engineering of bismuth nanocrystals to counter dissolution. <i>Nanoscale</i> , 2016, 8, 13217-13222.	5.6	12

#	ARTICLE	IF	CITATIONS
19	Fabrication of magnetic and fluorescent chitin and dibutylchitin sub-micron particles by oil-in-water emulsification. <i>Acta Biomaterialia</i> , 2016, 45, 276-285.	8.3	9
20	Development and Angiogenic Potential of Cell-Derived Microtissues Using Microcarrier-Template. <i>Biomedicines</i> , 2021, 9, 232.	3.2	8
21	Stimuli-Sensitive Nanostructured Systems for Biomedical Applications. <i>Frontiers in Nanobiomedical Research</i> , 2014, , 309-348.	0.1	3
22	Engineered microtissues for the bystander therapy against cancer. <i>Materials Science and Engineering C</i> , 2021, 121, 111854.	7.3	3
23	Bringing lipidic lyotropic liquid crystal technology into biomedicine. <i>Trends in Pharmacological Sciences</i> , 2022, , .	8.7	0