

Alejandro Baeza

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

61
papers

2,582
citations

27
h-index

50
g-index

74
ext. papers

2,896
ext. citations

6.4
avg, IF

5.68
L-index

#	Paper	IF	Citations
61	Nano- and Microscale Drug Delivery Approaches for Therapeutic Immunomodulation. <i>ChemNanoMat</i> , 2021 , 7, 773-788	3.5	1
60	Inorganic Porous Nanoparticles for Drug Delivery in Antitumoral Therapy. <i>Biotechnology Journal</i> , 2021 , 16, e2000150	5.6	12
59	Evaluation of the penetration process of fluorescent collagenase nanocapsules in a 3D collagen gel. <i>Acta Biomaterialia</i> , 2021 , 121, 263-274	10.8	1
58	Janus-Type Mesoporous Silica Nanoparticles for Sequential Tumoral Cell and Mitochondria Targeting. <i>Methods in Molecular Biology</i> , 2021 , 2275, 341-361	1.4	
57	Bacteria as Nanoparticles Carrier for Enhancing Penetration in a Tumoral Matrix Model. <i>Advanced Materials Interfaces</i> , 2020 , 7, 1901942	4.6	17
56	Mesoporous Silica Nanoparticles as Theranostic Antitumoral Nanomedicines. <i>Pharmaceutics</i> , 2020 , 12,	6.4	14
55	Tumor Targeted Nanocarriers for Immunotherapy. <i>Molecules</i> , 2020 , 25,	4.8	18
54	Overcoming the stability, toxicity, and biodegradation challenges of tumor stimuli-responsive inorganic nanoparticles for delivery of cancer therapeutics. <i>Expert Opinion on Drug Delivery</i> , 2019 , 16, 1095-1112	8	38
53	Targeting strategies for improving the efficacy of nanomedicine in oncology. <i>Beilstein Journal of Nanotechnology</i> , 2019 , 10, 168-181	3	36
52	Molecular Scaffolds as Double-Targeting Agents For the Diagnosis and Treatment of Neuroblastoma. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 3067-3072	16.4	13
51	Molecular Scaffolds as Double-Targeting Agents For the Diagnosis and Treatment of Neuroblastoma. <i>Angewandte Chemie</i> , 2019 , 131, 3099-3104	3.6	4
50	Collagenase nanocapsules: An approach to fibrosis treatment. <i>Acta Biomaterialia</i> , 2018 , 74, 430-438	10.8	12
49	Beyond Traditional Hyperthermia: In Vivo Cancer Treatment with Magnetic-Responsive Mesoporous Silica Nanocarriers. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 12518-12525	9.5	80
48	Polydopamine-like Coatings as Payload Gatekeepers for Mesoporous Silica Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 7661-7669	9.5	25
47	Magnetically responsive polymers for drug delivery applications 2018 , 143-168		3
46	Nanomotors for Nucleic Acid, Proteins, Pollutants and Cells Detection. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	9
45	Nanotechnological Strategies for Protein Delivery. <i>Molecules</i> , 2018 , 23,	4.8	33

44	Heating at the Nanoscale through Drug-Delivery Devices: Fabrication and Synergic Effects in Cancer Treatment with Nanoparticles. <i>Small Methods</i> , 2018 , 2, 1800007	12.8	18
43	Targeted Mesoporous Silica Nanocarriers in Oncology. <i>Current Drug Targets</i> , 2018 , 19, 213-224	3	9
42	Multifunctional Protocells for Enhanced Penetration in 3D Extracellular Tumoral Matrices. <i>Chemistry of Materials</i> , 2018 , 30, 112-120	9.6	38
41	Controlled Release With Emphasis on Ultrasound-Induced Release. <i>The Enzymes</i> , 2018 , 43, 101-122	2.3	8
40	Targeted Chemo-Photothermal Therapy: A Nanomedicine Approximation to Selective Melanoma Treatment. <i>Particle and Particle Systems Characterization</i> , 2018 , 35, 1800148	3.1	18
39	Recent applications of the combination of mesoporous silica nanoparticles with nucleic acids: development of bioresponsive devices, carriers and sensors. <i>Biomaterials Science</i> , 2017 , 5, 353-377	7.4	67
38	Double Sequential Encrypted Targeting Sequence: A New Concept for Bone Cancer Treatment. <i>Chemistry - A European Journal</i> , 2017 , 23, 7174-7179	4.8	17
37	Electron microscopy for inorganic-type drug delivery nanocarriers for antitumoral applications: what does it reveal?. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 2714-2725	7.3	10
36	Synthesis of Polydopamine-Like Nanocapsules via Removal of a Sacrificial Mesoporous Silica Template with Water. <i>Chemistry - A European Journal</i> , 2017 , 23, 2733-2733	4.8	3
35	A novel visible light responsive nanosystem for cancer treatment. <i>Nanoscale</i> , 2017 , 9, 15967-15973	7.7	60
34	Janus Mesoporous Silica Nanoparticles for Dual Targeting of Tumor Cells and Mitochondria. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 26697-26706	9.5	75
33	Synthesis of Polydopamine-Like Nanocapsules via Removal of a Sacrificial Mesoporous Silica Template with Water. <i>Chemistry - A European Journal</i> , 2017 , 23, 2753-2758	4.8	27
32	Recent advances in porous nanoparticles for drug delivery in antitumoral applications: inorganic nanoparticles and nanoscale metal-organic frameworks. <i>Expert Opinion on Drug Delivery</i> , 2017 , 14, 783-796	8	93
31	Dynamics of Novel Photoactive AgCl Microstars and Their Environmental Applications. <i>ChemNanoMat</i> , 2017 , 3, 65-71	3.5	40
30	Recent advances in mesoporous silica nanoparticles for antitumor therapy: our contribution. <i>Biomaterials Science</i> , 2016 , 4, 803-13	7.4	74
29	Design of thermoresponsive polymeric gates with opposite controlled release behaviors. <i>RSC Advances</i> , 2016 , 6, 42510-42516	3.7	19
28	A new targeting agent for the selective drug delivery of nanocarriers for treating neuroblastoma. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 4831-4842	7.3	34
27	Hybrid Collagenase Nanocapsules for Enhanced Nanocarrier Penetration in Tumoral Tissues. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 24075-81	9.5	64

26	Advances in mesoporous silica nanoparticles for targeted stimuli-responsive drug delivery. <i>Expert Opinion on Drug Delivery</i> , 2015 , 12, 319-37	8	202
25	Mesoporous Silica Nanoparticles for Drug Delivery and Controlled Release Applications 2015 , 1309-1344		8
24	Mesoporous Silica Nanoparticles Decorated with Carbosilane Dendrons as New Non-viral Oligonucleotide Delivery Carriers. <i>Chemistry - A European Journal</i> , 2015 , 21, 15651-66	4.8	38
23	Mesoporous silica nanoparticles grafted with a light-responsive protein shell for highly cytotoxic antitumoral therapy. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 5746-5752	7.3	63
22	Magnetic-Responsive Release Controlled by Hot Spot Effect. <i>Langmuir</i> , 2015 , 31, 12777-82	4	76
21	Smart Mesoporous Silica Nanocarriers for Antitumoral Therapy. <i>Current Topics in Medicinal Chemistry</i> , 2015 , 15, 2306-15	3	13
20	Hybrid Enzyme-Polymeric Capsules/Mesoporous Silica Nanodevice for In Situ Cytotoxic Agent Generation. <i>Advanced Functional Materials</i> , 2014 , 24, 4625-4633	15.6	42
19	Ceramic Nanoparticles for Cancer Treatment 2014 , 421-455		5
18	Improving catalase-based propelled motor endurance by enzyme encapsulation. <i>Nanoscale</i> , 2014 , 6, 8907-13	7.13	33
17	Effect of surfactants on the performance of tubular and spherical micromotors - a comparative study. <i>RSC Advances</i> , 2014 , 4, 20334-20340	3.7	50
16	Towards the Development of Smart 3D "gated scaffolds" for on-command delivery. <i>Small</i> , 2014 , 10, 4859-64	1.64	26
15	Ceramic Smart Drug Delivery Nanomaterials 2014 , 23-48		2
14	Thermoseeds for interstitial magnetic hyperthermia: from bioceramics to nanoparticles. <i>Journal of Physics Condensed Matter</i> , 2013 , 25, 484003	1.8	24
13	In-vivo behavior of Si-hydroxyapatite/polycaprolactone/DMB scaffolds fabricated by 3D printing. <i>Journal of Biomedical Materials Research - Part A</i> , 2013 , 101, 2038-48	5.4	36
12	Magnetically Triggered Multidrug Release by Hybrid Mesoporous Silica Nanoparticles. <i>Chemistry of Materials</i> , 2012 , 24, 517-524	9.6	285
11	Asymmetric hybrid silica nanomotors for capture and cargo transport: towards a novel motion-based DNA sensor. <i>Small</i> , 2012 , 8, 2053-9	11	75
10	Smart drug delivery through DNA/magnetic nanoparticle gates. <i>ACS Nano</i> , 2011 , 5, 1259-66	16.7	340
9	Design of Smart Nanomaterials for Drug and Gene Delivery. <i>Journal of Biomaterials and Tissue Engineering</i> , 2011 , 1, 6-29	0.3	15

8	Application of Selective Palladium-Mediated Functionalization of the Pyrido[3,2:4,5]pyrrolo[1,2-c]pyrimidine Heterocyclic System for the Total Synthesis of Variolin B and Deoxyvariolin B. <i>European Journal of Organic Chemistry</i> , 2010 , 2010, 5607-5618	3.2	16
7	Biotinylation of silicon-doped hydroxyapatite: a new approach to protein fixation for bone tissue regeneration. <i>Acta Biomaterialia</i> , 2010 , 6, 743-9	10.8	29
6	Aldehyde selective Wacker oxidations of phthalimide protected allylic amines: a new catalytic route to beta3-amino acids. <i>Journal of the American Chemical Society</i> , 2009 , 131, 9473-4	16.4	119
5	Palladium-mediated C α , C β , and C γ functionalization of azolopyrimidines: a new total synthesis of variolin B. <i>Tetrahedron Letters</i> , 2008 , 49, 4073-4077	2	15
4	Novel environmentally benign procedures for the synthesis of styryl dyes. <i>Dyes and Pigments</i> , 2008 , 77, 550-555	4.6	13
3	Selective palladium-catalyzed amination of the heterocyclic core of variolins. <i>Tetrahedron Letters</i> , 2007 , 48, 2597-2601	2	17
2	Heterocyclizations with tosylmethyl isocyanide derivatives. A new approach to substituted azolopyrimidines. <i>Journal of Organic Chemistry</i> , 2005 , 70, 4879-82	4.2	23
1	Reaction of bromomethylazoles and tosylmethyl isocyanide. A novel heterocyclization method for the synthesis of the core of marine alkaloids variolins and related azolopyrimidines. <i>Journal of Organic Chemistry</i> , 2004 , 69, 4974-83	4.2	25