Erika Porcel

List of Publications by Citations

19 papers	681 citations	11 h-index	20 g-index
20 ext. papers	857 ext. citations	5.7 avg, IF	3.5 L-index

#	Paper	IF	Citations
19	Platinum nanoparticles: a promising material for future cancer therapy?. *Nanotechnology*, **2010**, 21, 85103	3.4	283
18	Gadolinium-based nanoparticles to improve the hadrontherapy performances. *Nanomedicine: Nanotechnology, Biology, and Medicine*, **2014**, 10, 1601-8	6	68
17	AGuIX from bench to bedside-Transfer of an ultrasmall theranostic gadolinium-based nanoparticle to clinical medicine. *British Journal of Radiology*, **2019**, 92, 20180365	3.4	60
16	Cell localisation of gadolinium-based nanoparticles and related radiosensitising efficacy in glioblastoma cells. *Cancer Nanotechnology*, **2014**, 5, 6	7.9	54
15	Particle therapy and nanomedicine: state of art and research perspectives. *Cancer Nanotechnology*, **2017**, 8, 9	7.9	41
14	Improving proton therapy by metal-containing nanoparticles: nanoscale insights. *International Journal of Nanomedicine*, **2016**, 11, 1549-56	7.3	35
13	Effect of gadolinium-based nanoparticles on nuclear DNA damage and repair in glioblastoma tumor cells. *Journal of Nanobiotechnology*, **2016**, 14, 63	9.4	33
12	Platinum nanoparticles: an exquisite tool to overcome radioresistance. *Cancer Nanotechnology*, **2017**, 8, 4	7.9	19
11	Challenges and Contradictions of Metal Nano-Particle Applications for Radio-Sensitivity Enhancement in Cancer Therapy. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	17
10	Highly Porous Hybrid Metal-Organic Nanoparticles Loaded with Gemcitabine Monophosphate: a Multimodal Approach to Improve Chemo- and Radiotherapy. *ChemMedChem*, **2020**, 15, 274-283	3.7	14
9	Uptake and excretion dynamics of gold nanoparticles in cancer cells and fibroblasts. *Nanotechnology*, **2020**, 31, 135102	3.4	12
8	A Facile One-Pot Synthesis of Versatile PEGylated Platinum Nanoflowers and Their Application in Radiation Therapy. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	10
7	Fluorescent Radiosensitizing Gold Nanoparticles. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	8
6	Comment on Enhanced relative biological effectiveness of proton radiotherapy in tumor cells with internalized gold nanoparticles[Appl. Phys. Lett. 98, 193702 (2011)]. *Applied Physics Letters*, **2012**, 100, 026101	3.4	6
5	Radio-Enhancing Properties of Bimetallic Au:Pt Nanoparticles: Experimental and Theoretical Evidence. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	6
4	Radiation Enhancer Effect of Platinum Nanoparticles in Breast Cancer Cell Lines: In Vitro and In Silico Analyses. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	5
3	Human Serum Albumin in the Presence of AGuIX Nanoagents: Structure Stabilisation without Direct Interaction. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	4

List of Publications

2	Green One-Step Synthesis of Medical Nanoagents for Advanced Radiation Therapy. *Nanotechnology, Science and Applications*, **2020**, 13, 61-76	3.9	4
1	Quantifying nanotherapeutic penetration using a hydrogel-based microsystem as a new 3D platform. *Lab on A Chip*, **2021**, 21, 2495-2510	7.2	2