

Sandrine Lacombe

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.

22
papers

834
citations

12
h-index

24
g-index

24
ext. papers

1,078
ext. citations

5.5
avg, IF

4.24
L-index

#	Paper	IF	Citations
22	Radiation Enhancer Effect of Platinum Nanoparticles in Breast Cancer Cell Lines: In Vitro and In Silico Analyses. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	5
21	Quantifying nanotherapeutic penetration using a hydrogel-based microsystem as a new 3D platform. <i>Lab on A Chip</i> , 2021 , 21, 2495-2510	7.2	2
20	Rapid Evaluation of Novel Therapeutic Strategies Using a 3D Collagen-Based Tissue-Like Model. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021 , 9, 574035	5.8	0
19	Roadmap for metal nanoparticles in radiation therapy: current status, translational challenges, and future directions. <i>Physics in Medicine and Biology</i> , 2020 , 65, 21RM02	3.8	45
18	A Facile One-Pot Synthesis of Versatile PEGylated Platinum Nanoflowers and Their Application in Radiation Therapy. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	10
17	Uptake and excretion dynamics of gold nanoparticles in cancer cells and fibroblasts. <i>Nanotechnology</i> , 2020 , 31, 135102	3.4	12
16	Highly Porous Hybrid Metal-Organic Nanoparticles Loaded with Gemcitabine Monophosphate: a Multimodal Approach to Improve Chemo- and Radiotherapy. <i>ChemMedChem</i> , 2020 , 15, 274-283	3.7	14
15	Human Serum Albumin in the Presence of AGuIX Nanoagents: Structure Stabilisation without Direct Interaction. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	4
14	Green One-Step Synthesis of Medical Nanoagents for Advanced Radiation Therapy. <i>Nanotechnology, Science and Applications</i> , 2020 , 13, 61-76	3.9	4
13	Fluorescent Radiosensitizing Gold Nanoparticles. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	8
12	Challenges and Contradictions of Metal Nano-Particle Applications for Radio-Sensitivity Enhancement in Cancer Therapy. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	17
11	Radio-Enhancing Properties of Bimetallic Au:Pt Nanoparticles: Experimental and Theoretical Evidence. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	6
10	AGuIX from bench to bedside-Transfer of an ultrasmall theranostic gadolinium-based nanoparticle to clinical medicine. <i>British Journal of Radiology</i> , 2019 , 92, 20180365	3.4	60
9	Nanoparticle radio-enhancement: principles, progress and application to cancer treatment. <i>Physics in Medicine and Biology</i> , 2018 , 63, 02TR01	3.8	108
8	Platinum nanoparticles: an exquisite tool to overcome radioresistance. <i>Cancer Nanotechnology</i> , 2017 , 8, 4	7.9	19
7	Particle therapy and nanomedicine: state of art and research perspectives. <i>Cancer Nanotechnology</i> , 2017 , 8, 9	7.9	41
6	Effect of gadolinium-based nanoparticles on nuclear DNA damage and repair in glioblastoma tumor cells. <i>Journal of Nanobiotechnology</i> , 2016 , 14, 63	9.4	33

5	Improving proton therapy by metal-containing nanoparticles: nanoscale insights. <i>International Journal of Nanomedicine</i> , 2016 , 11, 1549-56	7.3	35
4	Gadolinium-based nanoparticles to improve the hadrontherapy performances. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014 , 10, 1601-8	6	68
3	Cell localisation of gadolinium-based nanoparticles and related radiosensitising efficacy in glioblastoma cells. <i>Cancer Nanotechnology</i> , 2014 , 5, 6	7.9	54
2	Comment on Enhanced relative biological effectiveness of proton radiotherapy in tumor cells with internalized gold nanoparticles [Appl. Phys. Lett. 98, 193702 (2011)]. <i>Applied Physics Letters</i> , 2012 , 100, 026101	3.4	6
1	Platinum nanoparticles: a promising material for future cancer therapy?. <i>Nanotechnology</i> , 2010 , 21, 85103	3.4	283