

StÃ©phane Desgranges

List of Publications by Year in descending order

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papers

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docs citations

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181
citing authors

#	ARTICLE	IF	CITATIONS
1	PFOB sonosensitive microdroplets: determining their interaction radii with focused ultrasound using MR thermometry and a Gaussian convolution kernel computation. <i>International Journal of Hyperthermia</i> , 2022, 39, 108-119.	2.5	3
2	Amphiphilic Protoporphyrin IX Derivatives as New Photosensitizing Agents for the Improvement of Photodynamic Therapy. <i>Biomedicines</i> , 2022, 10, 423.	3.2	5
3	Perfluorocarbon Emulsion Contrast Agents: A Mini Review. <i>Frontiers in Chemistry</i> , 2021, 9, 810029.	3.6	13
4	Enhancement of HIFU thermal therapy in perfused tissue models using micron-sized FTAC-stabilized PFOB-core endovascular sonosensitizers. <i>International Journal of Hyperthermia</i> , 2020, 37, 1116-1130.	2.5	10
5	Ultrasound-triggered delivery of paclitaxel encapsulated in an emulsion at low acoustic pressures. <i>Journal of Materials Chemistry B</i> , 2020, 8, 1640-1648.	5.8	12
6	Mild hyperthermia by MR-guided focused ultrasound in an ex vivo model of osteolytic bone tumour: optimization of the spatio-temporal control of the delivered temperature. <i>Journal of Translational Medicine</i> , 2019, 17, 350.	4.4	20
7	Micron-sized PFOB liquid core droplets stabilized with tailored-made perfluorinated surfactants as a new class of endovascular sono-sensitizers for focused ultrasound thermotherapy. <i>Journal of Materials Chemistry B</i> , 2019, 7, 927-939.	5.8	11
8	Molecular oxygen loading in candidate theranostic droplets stabilized with biocompatible fluorinated surfactants: Particle size effect and application to in situ ¹⁹ F MRI mapping of oxygen partial pressure. <i>Journal of Magnetic Resonance</i> , 2018, 295, 27-37.	2.1	13
9	Perfluorocarbon nanodroplets stabilized by fluorinated surfactants: characterization and potentiality as theranostic agents. <i>Journal of Materials Chemistry B</i> , 2015, 3, 2892-2907.	5.8	39