

# StÃ©phane Desgranges

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2806526/publications.pdf>

Version: 2024-02-01

9  
papers

126  
citations

1307594

7  
h-index

1474206

9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

181  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Molecular oxygen loading in candidate theranostic droplets stabilized with biocompatible fluorinated surfactants: Particle size effect and application to in situ <sup>19</sup> F MRI mapping of oxygen partial pressure. <i>Journal of Magnetic Resonance</i> , 2018, 295, 27-37.	2.1	13
4	Perfluorocarbon Emulsion Contrast Agents: A Mini Review. <i>Frontiers in Chemistry</i> , 2021, 9, 810029.	3.6	13
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	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
7	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
8	Amphiphilic Protoporphyrin IX Derivatives as New Photosensitizing Agents for the Improvement of Photodynamic Therapy. <i>Biomedicines</i> , 2022, 10, 423.	3.2	5
9	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