

# Katel Hervé©-Aubert

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

349  
citations

933447

10  
h-index

1125743

13  
g-index

13  
all docs

13  
docs citations

13  
times ranked

726  
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic Nanocarriers of Doxorubicin Coated with Poly(ethylene glycol) and Folic Acid: Relation between Coating Structure, Surface Properties, Colloidal Stability, and Cancer Cell Targeting. <i>Langmuir</i> , 2012, 28, 1496-1505.	3.5	111
2	Synthesis and in vitro evaluation of fluorescent and magnetic nanoparticles functionalized with a cell penetrating peptide for cancer theranosis. <i>Journal of Colloid and Interface Science</i> , 2017, 499, 209-217.	9.4	48
3	Formulation and in vitro evaluation of a siRNA delivery nanosystem decorated with gH625 peptide for triple negative breast cancer theranosis. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 131, 99-108.	4.3	41
4	Polyethylene-glycol-Stabilized Ag Nanoparticles for Surface-Enhanced Raman Scattering Spectroscopy: Ag Surface Accessibility Studied Using Metalation of Free-Base Porphyrins. <i>Journal of Physical Chemistry C</i> , 2014, 118, 7690-7697.	3.1	35
5	Targeting HER2-breast tumors with scFv-decorated bimodal nanoprobcs. <i>Journal of Nanobiotechnology</i> , 2018, 16, 18.	9.1	21
6	gH625 Cell-Penetrating Peptide Promotes the Endosomal Escape of Nanovectorized siRNA in a Triple-Negative Breast Cancer Cell Line. <i>Biomacromolecules</i> , 2019, 20, 3076-3086.	5.4	20
7	Covalent conjugation of cysteine-engineered scFv to PEGylated magnetic nanoprobcs for immunotargeting of breast cancer cells. <i>RSC Advances</i> , 2016, 6, 37099-37109.	3.6	18
8	Targeted nanomedicine with anti-EGFR scFv for siRNA delivery into triple negative breast cancer cells. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020, 157, 74-84.	4.3	13
9	Colloidal stability and thermo-responsive properties of iron oxide nanoparticles coated with polymers: advantages of Pluronic®-PEG mixture. <i>Nanotechnology</i> , 2013, 24, 395605.	2.6	11
10	Use of experimental design methodology for the development of new magnetic siRNA nanovectors (MSN). <i>International Journal of Pharmaceutics</i> , 2013, 454, 660-667.	5.2	10
11	Impact of Site-Specific Conjugation of ScFv to Multifunctional Nanomedicines Using Second Generation Maleimide. <i>Bioconjugate Chemistry</i> , 2018, 29, 1553-1559.	3.6	10
12	Peptides to Overcome the Limitations of Current Anticancer and Antimicrobial Nanotherapies. <i>Pharmaceutics</i> , 2022, 14, 1235.	4.5	8
13	Two-step formulation of magnetic nanoprobcs for microRNA capture. <i>RSC Advances</i> , 2022, 12, 7179-7188.	3.6	3