

# CÃ©dric Chauvierre

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2843907/publications.pdf>

Version: 2024-02-01

44  
papers

1,785  
citations

257101

24  
h-index

264894

42  
g-index

45  
all docs

45  
docs citations

45  
times ranked

2429  
citing authors

#	ARTICLE	IF	CITATIONS
1	Interactions of blood proteins with poly(isobutylcyanoacrylate) nanoparticles decorated with a polysaccharidic brush. <i>Biomaterials</i> , 2005, 26, 5075-5084.	5.7	121
2	Thrombolytic therapy based on fucoidan-functionalized polymer nanoparticles targeting P-selectin. <i>Biomaterials</i> , 2018, 156, 204-216.	5.7	119
3	Combining magnetic nanoparticles with cell derived microvesicles for drug loading and targeting. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015, 11, 645-655.	1.7	118
4	Novel Polysaccharide-Decorated Poly(Isobutyl Cyanoacrylate) Nanoparticles. <i>Pharmaceutical Research</i> , 2003, 20, 1786-1793.	1.7	100
5	Fucoidans in Nanomedicine. <i>Marine Drugs</i> , 2016, 14, 145.	2.2	88
6	Ultrasmall superparamagnetic iron oxide nanoparticles coated with fucoidan for molecular MRI of intraluminal thrombus. <i>Nanomedicine</i> , 2015, 10, 73-87.	1.7	80
7	Radical Emulsion Polymerization of Alkylcyanoacrylates Initiated by the Redox System Dextranâˆ“Cerium(IV) under Acidic Aqueous Conditions. <i>Macromolecules</i> , 2003, 36, 6018-6027.	2.2	79
8	Heparin coated poly(alkylcyanoacrylate) nanoparticles coupled to hemoglobin: a new oxygen carrier. <i>Biomaterials</i> , 2004, 25, 3081-3086.	5.7	76
9	Erythrocyte-Inspired Discoidal Polymeric Nanoconstructs Carrying Tissue Plasminogen Activator for the Enhanced Lysis of Blood Clots. <i>ACS Nano</i> , 2018, 12, 12224-12237.	7.3	64
10	From design to the clinic: practical guidelines for translating cardiovascular nanomedicine. <i>Cardiovascular Research</i> , 2018, 114, 1714-1727.	1.8	63
11	Nanomedicine progress in thrombolytic therapy. <i>Biomaterials</i> , 2020, 258, 120297.	5.7	62
12	Nanoparticles for intravascular applications: physicochemical characterization and cytotoxicity testing. <i>Nanomedicine</i> , 2016, 11, 597-616.	1.7	57
13	Purification of a Low Molecular Weight Fucoidan for SPECT Molecular Imaging of Myocardial Infarction. <i>Marine Drugs</i> , 2014, 12, 4851-4867.	2.2	56
14	Functionalized polymer microbubbles as new molecular ultrasound contrast agent to target P-selectin in thrombus. <i>Biomaterials</i> , 2019, 194, 139-150.	5.7	50
15	Polysaccharide Nanosystems for Future Progress in Cardiovascular Pathologies. <i>Theranostics</i> , 2014, 4, 579-591.	4.6	49
16	Cytoglobin conformations and disulfide bond formation. <i>FEBS Journal</i> , 2010, 277, 2696-2704.	2.2	46
17	Cytoglobin conformations and disulfide bond formation. <i>FEBS Journal</i> , 2010, 277, 2696-2704.	2.2	39
18	A new approach for the characterization of insoluble amphiphilic copolymers based on their emulsifying properties. <i>Colloid and Polymer Science</i> , 2004, 282, 1097-1104.	1.0	37

#	ARTICLE	IF	CITATIONS
19	Development of Polymer Microcapsules Functionalized with Fucoidan to Target Pâ€Selectin Overexpressed in Cardiovascular Diseases. <i>Advanced Healthcare Materials</i> , 2017, 6, 1601200.	3.9	34
20	Artificial oxygen carrier based on polysaccharidesâ€poly(alkylcyanoacrylates) nanoparticle templates. <i>Biomaterials</i> , 2010, 31, 6069-6074.	5.7	33
21	Abdominal Aortic Aneurysms Targeted by Functionalized Polysaccharide Microparticles: a new Tool for SPECT Imaging. <i>Theranostics</i> , 2014, 4, 592-603.	4.6	32
22	Nanomedicine as a strategy to fight thrombotic diseases. <i>Future Science OA</i> , 2015, 1, FSO46.	0.9	32
23	Identification of a Pro-Angiogenic Potential and Cellular Uptake Mechanism of a LMW Highly Sulfated Fraction of Fucoidan from <i>Ascophyllum nodosum</i> . <i>Marine Drugs</i> , 2016, 14, 185.	2.2	32
24	Leukocyte mimetic polysaccharide microparticles tracked in vivo on activated endothelium and in abdominal aortic aneurysm. <i>Acta Biomaterialia</i> , 2014, 10, 3535-3545.	4.1	30
25	Evaluation of the surface properties of dextran-coated poly(isobutylcyanoacrylate) nanoparticles by spin-labelling coupled with electron resonance spectroscopy. <i>Colloid and Polymer Science</i> , 2004, 282, 1016-1025.	1.0	25
26	Enhancing the tolerance of poly(isobutylcyanoacrylate) nanoparticles with a modular surface design. <i>International Journal of Pharmaceutics</i> , 2007, 338, 327-332.	2.6	24
27	Synthesis of cationic quaternized pullulan derivatives for miRNA delivery. <i>International Journal of Pharmaceutics</i> , 2020, 577, 119041.	2.6	24
28	Neuroglobin and Prion Cellular Localization: Investigation of a Potential Interaction. <i>Journal of Molecular Biology</i> , 2009, 388, 968-977.	2.0	22
29	Pharmaceutical Development and Safety Evaluation of a GMP-Grade Fucoidan for Molecular Diagnosis of Cardiovascular Diseases. <i>Marine Drugs</i> , 2019, 17, 699.	2.2	22
30	Title is missing!. <i>Journal of Nanoparticle Research</i> , 2003, 5, 365-371.	0.8	18
31	Octamers and nanoparticles as hemoglobin based blood substitutes. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2008, 1784, 1448-1453.	1.1	18
32	Roadmap on nanomedicine. <i>Nanotechnology</i> , 2021, 32, 012001.	1.3	17
33	Core-Shell Polymer-Based Nanoparticles Deliver miR-155-5p to Endothelial Cells. <i>Molecular Therapy - Nucleic Acids</i> , 2019, 17, 210-222.	2.3	16
34	Fucoidan-functionalized polysaccharide submicroparticles loaded with alteplase for efficient targeted thrombolytic therapy. <i>Biomaterials</i> , 2021, 277, 121102.	5.7	16
35	Nanomedicine for the molecular diagnosis of cardiovascular pathologies. <i>Biochemical and Biophysical Research Communications</i> , 2015, 468, 476-484.	1.0	12
36	Gd(DOTA)-grafted submicronic polysaccharide-based particles functionalized with fucoidan as potential MR contrast agent able to target human activated platelets. <i>Carbohydrate Polymers</i> , 2020, 245, 116457.	5.1	12

#	ARTICLE	IF	CITATIONS
37	P-selectin targeting polysaccharide-based nanogels for miRNA delivery. International Journal of Pharmaceutics, 2021, 597, 120302.	2.6	11
38	The European project NanoAthero to fight cardiovascular diseases using nanotechnologies. Nanomedicine, 2015, 10, 3391-3400.	1.7	10
39	Enabling MedTech Translation in Academia: Redefining Value Proposition with Updated Regulations. Advanced Healthcare Materials, 2021, 10, 2001237.	3.9	10
40	Thrombosis Treatment: Development of Polymer Microcapsules Functionalized with Fucoidan to Target P-selectin Overexpressed in Cardiovascular Diseases (Adv. Healthcare Mater. 4/2017). Advanced Healthcare Materials, 2017, 6, .	3.9	7
41	Nanostructured lipid carriers accumulate in atherosclerotic plaques of ApoE <sup>-/-</sup> mice. Nanomedicine: Nanotechnology, Biology, and Medicine, 2020, 25, 102157.	1.7	7
42	Evaluation of Functionalized Polysaccharide Microparticles Dosimetry for SPECT Imaging Based on Biodistribution Data of Rats. Molecular Imaging and Biology, 2015, 17, 504-511.	1.3	6
43	Comparative analysis of nanosystems <sup>TM</sup> effects on human endothelial and monocytic cell functions. Nanotoxicology, 2018, 12, 957-974.	1.6	6
44	NANOTHERANOSTICS IN CARDIOVASCULAR DISEASES. , 2016, , 223-265.		1