

# Pascal Thebault

## List of Publications by Year in descending order

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34  
papers

1,202  
citations

567281

15  
h-index

395702

33  
g-index

34  
all docs

34  
docs citations

34  
times ranked

2242  
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface functionalization strategy to enhance the antibacterial effect of nisin Z peptide. <i>Surfaces and Interfaces</i> , 2022, 30, 101822.	3.0	4
2	Self-disinfecting PDMS surfaces with high quaternary ammonium functionality by direct surface photoinitiated polymerization of vinylbenzyl dimethylbutylammonium chloride. <i>European Polymer Journal</i> , 2021, 152, 110473.	5.4	9
3	Preparation of bactericidal PDMS surfaces by benzophenone photo-initiated grafting of polynorbornenes functionalized with quaternary phosphonium or pyridinium groups. <i>European Polymer Journal</i> , 2021, 157, 110669.	5.4	1
4	Preparation of bactericidal surfaces with high quaternary ammonium content through photo-initiated polymerization of N-[2-(acryloyloxy)ethyl]-N,N-dimethyl-N-butylammonium iodide from native and thiolated PDMS surfaces. <i>Reactive and Functional Polymers</i> , 2021, 165, 104941.	4.1	4
5	Nisin-based antibacterial and antiadhesive layer-by-layer coatings. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 208, 112121.	5.0	7
6	Dual-functional antibacterial and osteogenic nisin-based layer-by-layer coatings. <i>Materials Science and Engineering C</i> , 2021, 131, 112479.	7.3	8
7	Modification of poly(dimethyl siloxane) surfaces with an antibacterial claramine-derivative through click-chemistry grafting. <i>Reactive and Functional Polymers</i> , 2021, , 105102.	4.1	2
8	Antibacterial properties of metal and PDMS surfaces under weak electric fields. <i>Surface and Coatings Technology</i> , 2020, 394, 125912.	4.8	7
9	Various methods to combine hyaluronic acid and antimicrobial peptides coatings and evaluation of their antibacterial behaviour. <i>International Journal of Biological Macromolecules</i> , 2019, 139, 468-474.	7.5	13
10	CuO Nanosheets Modified with Amine and Thiol Grafting for High Catalytic and Antibacterial Activities. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 10179-10189.	3.7	25
11	Organotin-bridged ionic liquid as a solvent-free, leaching-resistive catalyst for ring opening polymerization of $\mu$ -caprolactone. <i>New Journal of Chemistry</i> , 2019, 43, 5872-5878.	2.8	7
12	Development of a novel functional core-shell-shell nanoparticles: From design to anti-bacterial applications. <i>Journal of Colloid and Interface Science</i> , 2018, 513, 726-735.	9.4	16
13	Elaboration of antibacterial plastic surfaces by a combination of antiadhesive and biocidal coatings of natural products. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 156, 186-193.	5.0	16
14	Carboxymethylpullulan Grafted with Aminoguaiacol: Synthesis, Characterization, and Assessment of Antibacterial and Antioxidant Properties. <i>Biomacromolecules</i> , 2017, 18, 3238-3251.	5.4	15
15	Design of an anti-adhesive surface by a pilicide strategy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 146, 895-901.	5.0	7
16	Polysaccharide-based antibiofilm surfaces. <i>Acta Biomaterialia</i> , 2016, 30, 13-25.	8.3	167
17	Two Methods for One-Point Anchoring of a Linear Polysaccharide on a Gold Surface. <i>Langmuir</i> , 2015, 31, 254-261.	3.5	13
18	Role of molecular properties of ulvans on their ability to elaborate antiadhesive surfaces. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 1021-1028.	4.0	24

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19	Design of an antibacterial gelatin based on a covalent protein-protein coupling. Journal of Applied Polymer Science, 2015, 132, .	2.6	1
20	Elucidation of innovative antibiofilm materials. Colloids and Surfaces B: Biointerfaces, 2015, 136, 56-63.	5.0	15
21	Addition of antimicrobial properties to hyaluronic acid by grafting of antimicrobial peptide. European Polymer Journal, 2014, 51, 182-190.	5.4	81
22	From a clinical observation of chronic wound microbiology to the elaboration of an anti-biofilm dressing: The PANSaBIO project strategy. Irbm, 2014, 35, 77-81.	5.6	0
23	Antiadhesive activity of ulvan polysaccharides covalently immobilized onto titanium surface. Colloids and Surfaces B: Biointerfaces, 2013, 112, 229-236.	5.0	65
24	Tailoring Nanostructures Using Copolymer Nanoimprint Lithography. Advanced Materials, 2012, 24, 1952-1955.	21.0	24
25	Antibacterial surfaces developed from bio-inspired approaches. Acta Biomaterialia, 2012, 8, 1670-1684.	8.3	310
26	Elaboration of antibiofilm materials by chemical grafting of an antimicrobial peptide. Applied Microbiology and Biotechnology, 2011, 89, 623-634.	3.6	54
27	Surface and antimicrobial properties of semi-fluorinated quaternary ammonium thiol surfactants potentially usable for Self-Assembled Monolayers. Journal of Fluorine Chemistry, 2010, 131, 592-596.	1.7	17
28	Investigation of an Allergen Adsorption on Amine- and Acid-Terminated Thiol Layers: Influence on Their Affinity to Specific Antibodies. Journal of Physical Chemistry B, 2010, 114, 10612-10619.	2.6	15
29	The antibacterial activity of Magainin I immobilized onto mixed thiols Self-Assembled Monolayers. Biomaterials, 2009, 30, 3503-3512.	11.4	173
30	Preparation and antimicrobial behaviour of quaternary ammonium thiol derivatives able to be grafted on metal surfaces. European Journal of Medicinal Chemistry, 2009, 44, 717-724.	5.5	52
31	Contact-active microbicidal gold surfaces using immobilization of quaternary ammonium thiol derivatives. European Journal of Medicinal Chemistry, 2009, 44, 4227-4234.	5.5	14
32	Easy Orientation of Diblock Copolymers on Self-Assembled Monolayers Using UV Irradiation. Macromolecules, 2009, 42, 9609-9612.	4.8	22
33	2-DE using hemi-fluorinated surfactants. Electrophoresis, 2007, 28, 2489-2497.	2.4	6
34	Synthesis and surface properties of new semi-fluorinated sulfobetaines potentially usable for 2D-electrophoresis. Journal of Fluorine Chemistry, 2007, 128, 211-218.	1.7	8