

Fabienne Faÿ

List of Publications by Year in descending order

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41
papers

983
citations

516710

16
h-index

454955

30
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41
all docs

41
docs citations

41
times ranked

1291
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of the antifouling constituents from the brown alga <i>Sargassum muticum</i> (Yendo) Fensholt. <i>Journal of Applied Phycology</i> , 2009, 21, 395-403.	2.8	103
2	Development of environmentally friendly antifouling paints using biodegradable polymer and lower toxic substances. <i>Progress in Organic Coatings</i> , 2014, 77, 485-493.	3.9	78
3	Development of poly(ϵ -caprolactone-co-lactide) and poly(ϵ -caprolactone-co- δ -valerolactone) as new degradable binder used for antifouling paint. <i>European Polymer Journal</i> , 2007, 43, 4800-4813.	5.4	75
4	Alteration of bacterial adhesion induced by the substrate stiffness. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 114, 193-200.	5.0	72
5	Bacteria and diatom resistance of silicones modified with PEO-silane amphiphiles. <i>Biofouling</i> , 2014, 30, 247-258.	2.2	69
6	Degradation and Controlled Release Behavior of ϵ -Caprolactone Copolymers in Biodegradable Antifouling Coatings. <i>Biomacromolecules</i> , 2006, 7, 851-857.	5.4	59
7	Development of hybrid antifouling paints. <i>Progress in Organic Coatings</i> , 2015, 87, 10-19.	3.9	48
8	Antifouling activity of marine paints: Study of erosion. <i>Progress in Organic Coatings</i> , 2007, 60, 194-206.	3.9	41
9	SEM and EDX analysis: Two powerful techniques for the study of antifouling paints. <i>Progress in Organic Coatings</i> , 2005, 54, 216-223.	3.9	39
10	Microencapsulation and Antifouling Coatings: Development of Poly(lactic acid) Microspheres Containing Bioactive Molecules. <i>Macromolecular Symposia</i> , 2008, 272, 45-51.	0.7	29
11	Dynamic approaches of mixed species biofilm formation using modern technologies. <i>Marine Environmental Research</i> , 2012, 78, 40-47.	2.5	29
12	Synthesis of New Homopolyester and Copolyesters by Anionic Ring-opening Polymerization of ϵ -Trisubstituted ϵ -Lactones. <i>Macromolecular Chemistry and Physics</i> , 2004, 205, 199-207.	2.2	27
13	Booster biocides and microfouling. <i>Biofouling</i> , 2010, 26, 787-798.	2.2	21
14	Anti-Biofilm Effect of Biodegradable Coatings Based on Hemibastadin Derivative in Marine Environment. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1520.	4.1	19
15	Non-toxic, anti-fouling silicones with variable PEO-silane amphiphile content. <i>Green Materials</i> , 2016, 4, 53-62.	2.1	18
16	Synthesis of new ϵ -trisubstituted ϵ -lactones as monomers for hydrolyzable polyesters. <i>Designed Monomers and Polymers</i> , 2003, 6, 353-367.	1.6	17
17	Biodegradable Poly(ester-anhydride) for New Antifouling Coating. <i>Biomacromolecules</i> , 2007, 8, 1751-1758.	5.4	16
18	Rapid identification of osmolytes in tropical microalgae and cyanobacteria by ^1H HR-MAS NMR spectroscopy. <i>Talanta</i> , 2016, 153, 372-380.	5.5	16

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19	Evaluation of anti-microfouling activity of marine paints by microscopical techniques. Progress in Organic Coatings, 2011, 72, 579-585.	3.9	15
20	Metal resistance genes enrichment in marine biofilm communities selected by biocide-containing surfaces in temperate and tropical coastal environments. Environmental Pollution, 2021, 268, 115835.	7.5	15
21	A new method for evaluation of antifouling activity of molecules against microalgal biofilms using confocal laser scanning microscopy-microfluidic flow-cells. International Biodeterioration and Biodegradation, 2019, 139, 54-61.	3.9	14
22	Joint-action of antifouling substances in copper-free paints. Colloids and Surfaces B: Biointerfaces, 2013, 102, 569-577.	5.0	13
23	Influence of Biodegradable Polymer Properties on Antifouling Paints Activity. Polymers, 2017, 9, 36.	4.5	13
24	Anti-Bacterial Adhesion Activity of Tropical Microalgae Extracts. Molecules, 2018, 23, 2180.	3.8	13
25	Poly(oxazoline) for the design of amphiphilic silicone coatings. Progress in Organic Coatings, 2021, 153, 106116.	3.9	12
26	Ecofriendly silicon-poly(lactic acid) hybrid antifouling coatings. Progress in Organic Coatings, 2020, 148, 105841.	3.9	11
27	Protecting biodegradable coatings releasing antimicrobial agents. Journal of Applied Polymer Science, 2007, 106, 3768-3777.	2.6	10
28	Sponge-Inspired Dibromohemibastadin Prevents and Disrupts Bacterial Biofilms without Toxicity. Marine Drugs, 2017, 15, 222.	4.6	10
29	Effect of biocidal coatings on microfouling: In vitro and in situ results. Progress in Organic Coatings, 2018, 114, 162-172.	3.9	10
30	Additives for Efficient Biodegradable Antifouling Paints. International Journal of Molecular Sciences, 2019, 20, 361.	4.1	10
31	Monohalogenated maleimides as potential agents for the inhibition of Pseudomonas aeruginosa biofilm. Biofouling, 2010, 26, 379-385.	2.2	8
32	Evaluation of antibacterial activity against Salmonella Enteritidis. Journal of Microbiology, 2011, 49, 349-354.	2.8	8
33	Syntheses, characterization, and hydrolytic degradation of poly(ϵ -caprolactone-co- δ -valerolactone) copolymers: Influence of molecular weight. Journal of Applied Polymer Science, 2016, 133, .	2.6	8
34	Control of hydration and degradation properties of triblock copolymers poly(ϵ -caprolactone- <i>b</i> - <i>l</i> -polydimethylsiloxane- <i>b</i> - ϵ -caprolactone). Journal of Applied Polymer Science, 2014, 131, .	2.6	7
35	Non-Leachable Hydrophilic Additives for Amphiphilic Coatings. Polymers, 2018, 10, 445.	4.5	6
36	Marine Antibiofouling Properties of TiO ₂ and Ti-Cu-O Films Deposited by Aerosol-Assisted Chemical Vapor Deposition. Coatings, 2020, 10, 779.	2.6	6

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37	Surface plasma treatment (Ar/CF ₄) decreases biofouling on polycarbonate surfaces. Surface Innovations, 2021, 9, 65-76.	2.3	5
38	Evaluation of ionically cross-linked chitosan coating aimed at eggs' protection. International Journal of Food Science and Technology, 2015, 50, 736-743.	2.7	4
39	Potential antifouling properties of copper loaded zeolites on fouling diatoms. Microporous and Mesoporous Materials, 2021, 312, 110734.	4.4	4
40	Fatty Acid Profiling of Tropical Microalgae and Cyanobacteria Strains Isolated From Southwest Indian Ocean Islands. Journal of Marine Biology and Aquaculture, 2017, 3, 1-14.	0.1	3
41	Oligomers of poly(anhydride): Study of interaction in coating binder. Journal of Applied Polymer Science, 2012, 125, 1592-1600.	2.6	2