Fabienne FaÃ¿

List of Publications by Year
in descending order

41 papers	983 citations	516710 16 h-index	454955 30 g-index
41 all docs	41 docs citations	41 times ranked	1291 citing authors

#	Article	IF	Citations
1	Surface plasma treatment (Ar/CF₄) decreases biofouling on polycarbonate surfaces. Surface Innovations, 2021, 9, 65-76.	2.3	5
2	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
3	Potential antifouling properties of copper loaded zeolites on fouling diatoms. Microporous and Mesoporous Materials, 2021, 312, 110734.	4.4	4
4	Poly(oxazoline) for the design of amphiphilic silicone coatings. Progress in Organic Coatings, 2021, 153, 106116.	3.9	12
5	Marine Antibiofouling Properties of TiO2 and Ti-Cu-O Films Deposited by Aerosol-Assisted Chemical Vapor Deposition. Coatings, 2020, 10, 779.	2.6	6
6	Ecofriendly silicon-poly(lactic acid) hybrid antifouling coatings. Progress in Organic Coatings, 2020, 148, 105841.	3.9	11
7	Additives for Efficient Biodegradable Antifouling Paints. International Journal of Molecular Sciences, 2019, 20, 361.	4.1	10
8	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
9	Effect of biocidal coatings on microfouling: In vitro and in situ results. Progress in Organic Coatings, 2018, 114, 162-172.	3.9	10
10	Anti-Bacterial Adhesion Activity of Tropical Microalgae Extracts. Molecules, 2018, 23, 2180.	3.8	13
11	Non-Leachable Hydrophilic Additives for Amphiphilic Coatings. Polymers, 2018, 10, 445.	4.5	6
12	Sponge-Inspired Dibromohemibastadin Prevents and Disrupts Bacterial Biofilms without Toxicity. Marine Drugs, 2017, 15, 222.	4.6	10
13	Anti-Biofilm Effect of Biodegradable Coatings Based on Hemibastadin Derivative in Marine Environment. International Journal of Molecular Sciences, 2017, 18, 1520.	4.1	19
14	Influence of Biodegradable Polymer Properties on Antifouling Paints Activity. Polymers, 2017, 9, 36.	4.5	13
15	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
16	Non-toxic, anti-fouling silicones with variable PEOâ€“silane amphiphile content. Green Materials, 2016, 4, 53-62.	2.1	18
17	Syntheses, characterization, and hydrolytic degradation of <scp>P</scp>(Îµâ€caprolactoneâ€coâ€Ÿâ€valerolactone) copolymers: Influence of molecular weight. Journal of Applied Polymer Science, 2016, 133, .	2.6	8
18	Rapid identification of osmolytes in tropical microalgae and cyanobacteria by 1H HR-MAS NMR spectroscopy. Talanta, 2016, 153, 372-380.	5.5	16

#	Article	IF	Citations
19	Development of hybrid antifouling paints. Progress in Organic Coatings, 2015, 87, 10-19.	3.9	48
20	Evaluation of ionically crossâ€linked chitosan coating aimed at eggs' protection. International Journal of Food Science and Technology, 2015, 50, 736-743.	2.7	4
21	Alteration of bacterial adhesion induced by the substrate stiffness. Colloids and Surfaces B: Biointerfaces, 2014, 114, 193-200.	5.0	72
22	Bacteria and diatom resistance of silicones modified with PEO-silane amphiphiles. Biofouling, 2014, 30, 247-258.	2.2	69
23	Development of environmentally friendly antifouling paints using biodegradable polymer and lower toxic substances. Progress in Organic Coatings, 2014, 77, 485-493.	3.9	78
24	Control of hydration and degradation properties of triblock copolymers polycaprolactoneâ€bâ€polydimethylsiloxaneâ€bâ€polycaprolactone. Journal of Applied Polymer Science, 2014, 131, .	2.6	7
25	Joint-action of antifouling substances in copper-free paints. Colloids and Surfaces B: Biointerfaces, 2013, 102, 569-577.	5.0	13
26	Oligomers of poly(anhydride): Study of interaction in coating binder. Journal of Applied Polymer Science, 2012, 125, 1592-1600.	2.6	2
27	Dynamic approaches of mixed species biofilm formation using modern technologies. Marine Environmental Research, 2012, 78, 40-47.	2.5	29
28	Evaluation of anti-microfouling activity of marine paints by microscopical techniques. Progress in Organic Coatings, 2011, 72, 579-585.	3.9	15
29	Evaluation of antibacterial activity against Salmonella Enteritidis. Journal of Microbiology, 2011, 49, 349-354.	2.8	8
30	Monohalogenated maleimides as potential agents for the inhibition of Pseudomonas aeruginosa biofilm. Biofouling, 2010, 26, 379-385.	2.2	8
31	Booster biocides and microfouling. Biofouling, 2010, 26, 787-798.	2.2	21
32	Investigation of the antifouling constituents from the brown alga Sargassum muticum (Yendo) Fensholt. Journal of Applied Phycology, 2009, 21, 395-403.	2.8	103
33	Microâ€Encapsulation and Antifouling Coatings: Development of Poly(lactic acid) Microspheres Containing Bioactive Molecules. Macromolecular Symposia, 2008, 272, 45-51.	0.7	29
34	Biodegradable Poly(ester-anhydride) for New Antifouling Coating. Biomacromolecules, 2007, 8, 1751-1758.	5.4	16
35	Protecting biodegradable coatings releasing antimicrobial agents. Journal of Applied Polymer Science, 2007, 106, 3768-3777.	2.6	10
36	Development of poly(Îµ-caprolactone-co-l-lactide) and poly(Îµ-caprolactone-co-Î´-valerolactone) as new degradable binder used for antifouling paint. European Polymer Journal, 2007, 43, 4800-4813.	5.4	75

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37	Antifouling activity of marine paints: Study of erosion. Progress in Organic Coatings, 2007, 60, 194-206.	3.9	41
38	Degradation and Controlled Release Behavior of Îµ-Caprolactone Copolymers in Biodegradable Antifouling Coatings. Biomacromolecules, 2006, 7, 851-857.	5.4	59
39	SEM and EDX analysis: Two powerful techniques for the study of antifouling paints. Progress in Organic Coatings, 2005, 54, 216-223.	3.9	39
40	Synthesis of New Homopolyester and Copolyesters by Anionic Ring-opening Polymerization ofÎ±,Î±â€²,Î²-TrisubstitutedÎ²-Lactones. Macromolecular Chemistry and Physics, 2004, 205, 199-207.	2.2	27
41	Synthesis of new Î±, Î±â€², Î²-trisubstituted Î²-lactones as monomers for hydrolyzable polyesters. Designed Monomers and Polymers, 2003, 6, 353-367.	1.6	17