

Serena Lay-Ming Teo

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

24
papers

1,522
citations

20
h-index

24
g-index

24
ext. papers

1,650
ext. citations

5.7
avg, IF

4.4
L-index

#	Paper	IF	Citations
24	Spirobranchus bakau sp. nov. from Singapore: yet another species of <i>S. kraussii</i> -complex (Polychaeta: Serpulidae). <i>Zootaxa</i> , 2021 , 5040, 33-65	0.5	1
23	Antifouling Coatings of Catecholamine Copolymers on Stainless Steel. <i>Industrial & Engineering Chemistry Research</i> , 2015 , 54, 5959-5967	3.9	21
22	A small-scale waterjet test method for screening novel foul-release coatings 2015 , 12, 533-542		10
21	Dual hydrophilic and salt responsive schizophrenic block copolymers Synthesis and study of self-assembly behavior. <i>Polymer Chemistry</i> , 2015 , 6, 599-606	4.9	33
20	Larval ecology of the fluted giant clam, <i>Tridacna squamosa</i> , and its potential effects on dispersal models. <i>Journal of Experimental Marine Biology and Ecology</i> , 2015 , 469, 76-82	2.1	11
19	Polyion multilayers with precise surface charge control for antifouling. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 852-61	9.5	72
18	Tea stains-inspired initiator primer for surface grafting of antifouling and antimicrobial polymer brush coatings. <i>Biomacromolecules</i> , 2015 , 16, 723-32	6.9	109
17	Fabrication of Copper Nanowire Films and their Incorporation into Polymer Matrices for Antibacterial and Marine Antifouling Applications. <i>Advanced Materials Interfaces</i> , 2015 , 2, 1400483	4.6	23
16	Polymer brush coatings for combating marine biofouling. <i>Progress in Polymer Science</i> , 2014 , 39, 1017-1042	4.6	316
15	Multilayers of fluorinated amphiphilic polyions for marine fouling prevention. <i>Langmuir</i> , 2014 , 30, 288-96	4	44
14	Layer-by-layer deposition of antifouling coatings on stainless steel via catechol-amine reaction. <i>RSC Advances</i> , 2014 , 4, 32335-32344	3.7	34
13	Photoinduced anchoring and micropatterning of macroinitiators on polyurethane surfaces for graft polymerization of antifouling brush coatings. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 398-408	7.3	29
12	Sulfobetaine-based polymer brushes in marine environment: is there an effect of the polymerizable group on the antifouling performance?. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014 , 120, 118-24	6	48
11	New records of solitary ascidians on artificial structures in Singapore waters. <i>Marine Biodiversity Records</i> , 2013 , 6,	2	4
10	Cross-linked polyelectrolyte multilayers for marine antifouling applications. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 5961-8	9.5	80
9	Early marine bacterial biofilm on a copper-based antifouling paint. <i>International Biodeterioration and Biodegradation</i> , 2013 , 83, 71-76	4.8	65
8	Stainless steel surfaces with thiol-terminated hyperbranched polymers for functionalization via thiol-based chemistry. <i>Polymer Chemistry</i> , 2013 , 4, 3105	4.9	85

7	Barnacle cement as surface anchor for "clicking" of antifouling and antimicrobial polymer brushes on stainless steel. <i>Biomacromolecules</i> , 2013 , 14, 2041-51	6.9	86
6	Layer-by-layer click deposition of functional polymer coatings for combating marine biofouling. <i>Biomacromolecules</i> , 2012 , 13, 2769-80	6.9	92
5	Functional polymer brushes via surface-initiated atom transfer radical graft polymerization for combating marine biofouling. <i>Biofouling</i> , 2012 , 28, 895-912	3.3	53
4	Biomimetic anchors for antifouling and antibacterial polymer brushes on stainless steel. <i>Langmuir</i> , 2011 , 27, 7065-76	4	167
3	Can artificial substrates enriched with crustose coralline algae enhance larval settlement and recruitment in the fluted giant clam (<i>Tridacna squamosa</i>)?. <i>Hydrobiologia</i> , 2009 , 625, 83-90	2.4	31
2	A preliminary ecotoxicity study of pharmaceuticals in the marine environment. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2006 , 69, 1959-70	3.2	23
1	Pharmaceuticals as antifoulants: concept and principles. <i>Biofouling</i> , 2003 , 19 Suppl, 207-12	3.3	85