

Serena Lay-Ming Teo

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,777
citations

361413

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h-index

610901

24
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all docs

24
docs citations

24
times ranked

2548
citing authors

#	ARTICLE	IF	CITATIONS
1	Polymer brush coatings for combating marine biofouling. <i>Progress in Polymer Science</i> , 2014, 39, 1017-1042.	24.7	401
2	Biomimetic Anchors for Antifouling and Antibacterial Polymer Brushes on Stainless Steel. <i>Langmuir</i> , 2011, 27, 7065-7076.	3.5	184
3	Tea Stains-Inspired Initiator Primer for Surface Grafting of Antifouling and Antimicrobial Polymer Brush Coatings. <i>Biomacromolecules</i> , 2015, 16, 723-732.	5.4	122
4	Layer-by-Layer Click Deposition of Functional Polymer Coatings for Combating Marine Biofouling. <i>Biomacromolecules</i> , 2012, 13, 2769-2780.	5.4	98
5	Stainless steel surfaces with thiol-terminated hyperbranched polymers for functionalization via thiol-based chemistry. <i>Polymer Chemistry</i> , 2013, 4, 3105.	3.9	95
6	Barnacle Cement as Surface Anchor for "Clicking" of Antifouling and Antimicrobial Polymer Brushes on Stainless Steel. <i>Biomacromolecules</i> , 2013, 14, 2041-2051.	5.4	94
7	Cross-Linked Polyelectrolyte Multilayers for Marine Antifouling Applications. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 5961-5968.	8.0	92
8	Early marine bacterial biofilm on a copper-based antifouling paint. <i>International Biodeterioration and Biodegradation</i> , 2013, 83, 71-76.	3.9	92
9	Polyion Multilayers with Precise Surface Charge Control for Antifouling. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 852-861.	8.0	90
10	Pharmaceuticals as antifoulants: Concept and principles. <i>Biofouling</i> , 2003, 19, 207-212.	2.2	89
11	Functional polymer brushes via surface-initiated atom transfer radical graft polymerization for combating marine biofouling. <i>Biofouling</i> , 2012, 28, 895-912.	2.2	59
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, 118-124.	5.0	59
13	Multilayers of Fluorinated Amphiphilic Polyions for Marine Fouling Prevention. <i>Langmuir</i> , 2014, 30, 288-296.	3.5	50
14	Layer-by-layer deposition of antifouling coatings on stainless steel via catechol-amine reaction. <i>RSC Advances</i> , 2014, 4, 32335-32344.	3.6	36
15	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.	2.0	35
16	Dual hydrophilic and salt responsive schizophrenic block copolymers " synthesis and study of self-assembly behavior. <i>Polymer Chemistry</i> , 2015, 6, 599-606.	3.9	35
17	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.	5.8	31
18	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.	3.7	31

#	ARTICLE	IF	CITATIONS
19	Antifouling Coatings of Catecholamine Copolymers on Stainless Steel. <i>Industrial & Engineering Chemistry Research</i> , 2015, 54, 5959-5967.	3.7	25
20	A Preliminary Ecotoxicity Study of Pharmaceuticals in the Marine Environment. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2006, 69, 1959-1970.	2.3	23
21	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.	1.5	14
22	A small-scale waterjet test method for screening novel foul-release coatings. <i>Journal of Coatings Technology Research</i> , 2015, 12, 533-542.	2.5	11
23	New records of solitary ascidians on artificial structures in Singapore waters. <i>Marine Biodiversity Records</i> , 2013, 6, .	1.2	7
24	<i>Spirobranchus bakau</i> sp. nov. from Singapore: yet another species of <i>S. kraussii</i> -complex (Polychaeta: Tj ETQq0 0 Q.rgBT /Overlock 10 T	0.5	4