

Jonathan Yeow

List of Publications by Year in descending order

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36
papers

4,538
citations

172457

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345221

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docs citations

37
times ranked

3648
citing authors

#	ARTICLE	IF	CITATIONS
1	Potent Virustatic Polymer-Lipid Nanomimics Block Viral Entry and Inhibit Malaria Parasites In Vivo. ACS Central Science, 2022, 8, 1238-1257.	11.3	9
2	Polymeric and lipid nanoparticles for delivery of self-amplifying RNA vaccines. Journal of Controlled Release, 2021, 338, 201-210.	9.9	53
3	Gradient Polymerization-Induced Self-Assembly: A One-Step Approach. Macromolecular Rapid Communications, 2020, 41, e1900493.	3.9	23
4	Benchmark Preparation of Polymer Brushes by SI-PET-RAFT: The Effect of the Polymer Composition and Structure on Inhibition of a <i>Pseudomonas</i> Biofilm. ACS Applied Materials & Interfaces, 2020, 12, 55243-55254.	8.0	42
5	An improved synthesis of poly(amidoamine)s for complexation with self-amplifying RNA and effective transfection. Polymer Chemistry, 2020, 11, 5861-5869.	3.9	8
6	Big Is Beautiful: Enhanced saRNA Delivery and Immunogenicity by a Higher Molecular Weight, Bioreducible, Cationic Polymer. ACS Nano, 2020, 14, 5711-5727.	14.6	92
7	Seeing the Light: Advancing Materials Chemistry through Photopolymerization. Angewandte Chemie - International Edition, 2019, 58, 5170-5189.	13.8	444
8	Seeing the Light: Advancing Materials Chemistry through Photopolymerization. Angewandte Chemie, 2019, 131, 5224-5243.	2.0	108
9	Emerging Trends in Polymerization-Induced Self-Assembly. ACS Macro Letters, 2019, 8, 1029-1054.	4.8	423
10	A cocktail of vitamins for aqueous RAFT polymerization in an open-to-air microtiter plate. Polymer Chemistry, 2019, 10, 4643-4654.	3.9	47
11	Alcohol-based PISA in batch and flow: exploring the role of photoinitiators. Polymer Chemistry, 2019, 10, 2406-2414.	3.9	51
12	A Self-Reporting Photocatalyst for Online Fluorescence Monitoring of High Throughput RAFT Polymerization. Angewandte Chemie - International Edition, 2018, 57, 10102-10106.	13.8	59
13	An Oxygen-Tolerant PET-RAFT Polymerization for Screening Structure-Activity Relationships. Angewandte Chemie, 2018, 130, 1573-1578.	2.0	32
14	An Oxygen-Tolerant PET-RAFT Polymerization for Screening Structure-Activity Relationships. Angewandte Chemie - International Edition, 2018, 57, 1557-1562.	13.8	163
15	Up in the air: oxygen tolerance in controlled/living radical polymerisation. Chemical Society Reviews, 2018, 47, 4357-4387.	38.1	313
16	The effects of polymer topology and chain length on the antimicrobial activity and hemocompatibility of amphiphilic ternary copolymers. Polymer Chemistry, 2018, 9, 1735-1744.	3.9	64
17	A Self-Reporting Photocatalyst for Online Fluorescence Monitoring of High Throughput RAFT Polymerization. Angewandte Chemie, 2018, 130, 10259-10263.	2.0	11
18	Exploiting Wavelength Orthogonality for Successive Photoinduced Polymerization-Induced Self-Assembly and Photo-Crosslinking. ACS Macro Letters, 2018, 7, 1376-1382.	4.8	91

#	ARTICLE	IF	CITATIONS
19	Pushing the Limits of High Throughput PET-RAFT Polymerization. <i>Macromolecules</i> , 2018, 51, 7600-7607.	4.8	90
20	Visible Light-Mediated Polymerization-Induced Self-Assembly Using Continuous Flow Reactors. <i>Macromolecules</i> , 2018, 51, 5165-5172.	4.8	105
21	Copolymers with Controlled Molecular Weight Distributions and Compositional Gradients through Flow Polymerization. <i>Macromolecules</i> , 2018, 51, 4553-4563.	4.8	104
22	Oxygen tolerant photopolymerization for ultralow volumes. <i>Polymer Chemistry</i> , 2017, 8, 5012-5022.	3.9	187
23	Application of oxygen tolerant PET-RAFT to polymerization-induced self-assembly. <i>Polymer Chemistry</i> , 2017, 8, 2841-2851.	3.9	142
24	Photoinitiated Polymerization-Induced Self-Assembly (Photo-PISA): New Insights and Opportunities. <i>Advanced Science</i> , 2017, 4, 1700137.	11.2	305
25	2-(Methylthio)ethyl Methacrylate: A Versatile Monomer for Stimuli Responsiveness and Polymerization-Induced Self-Assembly in the Presence of Air. <i>ACS Macro Letters</i> , 2017, 6, 1237-1244.	4.8	101
26	Biofilm dispersal using nitric oxide loaded nanoparticles fabricated by photo-PISA: influence of morphology. <i>Chemical Communications</i> , 2017, 53, 12894-12897.	4.1	45
27	Pair correlation microscopy reveals the role of nanoparticle shape in intracellular transport and site of drug release. <i>Nature Nanotechnology</i> , 2017, 12, 81-89.	31.5	295
28	Macromol. Rapid Commun. 11/2016. <i>Macromolecular Rapid Communications</i> , 2016, 37, 940-940.	3.9	0
29	Polymerization of a Photocleavable Monomer Using Visible Light. <i>Macromolecular Rapid Communications</i> , 2016, 37, 905-910.	3.9	50
30	Visible Light-Mediated Polymerization-Induced Self-Assembly in the Absence of External Catalyst or Initiator. <i>ACS Macro Letters</i> , 2016, 5, 558-564.	4.8	188
31	A Polymerization-Induced Self-Assembly Approach to Nanoparticles Loaded with Singlet Oxygen Generators. <i>Macromolecules</i> , 2016, 49, 7277-7285.	4.8	135
32	Facile Synthesis of Worm-like Micelles by Visible Light Mediated Dispersion Polymerization Using Photoredox Catalyst. <i>Journal of Visualized Experiments</i> , 2016, , .	0.3	2
33	Copper-Mediated Living Radical Polymerization (Atom Transfer Radical Polymerization and Copper(0)) <i>Tj ETQq1 1 0.784314 rgBT /Overd</i> 1803-1949.	47.7	405
34	Polymerization-Induced Self-Assembly Using Visible Light Mediated Photoinduced Electron Transfer-“Reversible Addition”-Fragmentation Chain Transfer Polymerization. <i>ACS Macro Letters</i> , 2015, 4, 984-990.	4.8	235
35	A novel flavin derivative reveals the impact of glucose on oxidative stress in adipocytes. <i>Chemical Communications</i> , 2014, 50, 8181-8184.	4.1	32
36	An Efficient and Highly Versatile Synthetic Route to Prepare Iron Oxide Nanoparticles/Nanocomposites with Tunable Morphologies. <i>Langmuir</i> , 2014, 30, 10493-10502.	3.5	81