# Jonathan Yeow

## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8957000/publications.pdf

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|---|---|---|---|
| 36 papers | 4,538 citations | 172457 29 h-index | 345221 36 g-index |
| 37 all docs | 37 docs citations | 37 times ranked | 3648 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Seeing the Light: Advancing Materials Chemistry through Photopolymerization. Angewandte Chemie - International Edition, 2019, 58, 5170-5189. | 13.8 | 444 |
| 2 | Emerging Trends in Polymerization-Induced Self-Assembly. ACS Macro Letters, 2019, 8, 1029-1054. | 4.8 | 423 |
| 3 | Copper-Mediated Living Radical Polymerization (Atom Transfer Radical Polymerization and Copper(0)) Tj ETQq1 1 0.784314 rgBT /Ove 1803-1949. | 47.7 | 405 |
| 4 | Up in the air: oxygen tolerance in controlled/living radical polymerisation. Chemical Society Reviews, 2018, 47, 4357-4387. | 38.1 | 313 |
| 5 | Photoinitiated Polymerizationâ€Induced Selfâ€Assembly (Photoâ€PISA): New Insights and Opportunities. Advanced Science, 2017, 4, 1700137. | 11.2 | 305 |
| 6 | Pair correlation microscopy reveals the role of nanoparticle shape in intracellular transport and site of drug release. Nature Nanotechnology, 2017, 12, 81-89. | 31.5 | 295 |
| 7 | Polymerization-Induced Self-Assembly Using Visible Light Mediated Photoinduced Electron Transferâ€“Reversible Additionâ€“Fragmentation Chain Transfer Polymerization. ACS Macro Letters, 2015, 4, 984-990. | 4.8 | 235 |
| 8 | Visible Light-Mediated Polymerization-Induced Self-Assembly in the Absence of External Catalyst or Initiator. ACS Macro Letters, 2016, 5, 558-564. | 4.8 | 188 |
| 9 | Oxygen tolerant photopolymerization for ultralow volumes. Polymer Chemistry, 2017, 8, 5012-5022. | 3.9 | 187 |
| 10 | An Oxygenâ€Tolerant PETâ€RAFT Polymerization for Screening Structureâ€“Activity Relationships. Angewandte Chemie - International Edition, 2018, 57, 1557-1562. | 13.8 | 163 |
| 11 | Application of oxygen tolerant PET-RAFT to polymerization-induced self-assembly. Polymer Chemistry, 2017, 8, 2841-2851. | 3.9 | 142 |
| 12 | A Polymerization-Induced Self-Assembly Approach to Nanoparticles Loaded with Singlet Oxygen Generators. Macromolecules, 2016, 49, 7277-7285. | 4.8 | 135 |
| 13 | Seeing the Light: Advancing Materials Chemistry through Photopolymerization. Angewandte Chemie, 2019, 131, 5224-5243. | 2.0 | 108 |
| 14 | Visible Light-Mediated Polymerization-Induced Self-Assembly Using Continuous Flow Reactors. Macromolecules, 2018, 51, 5165-5172. | 4.8 | 105 |
| 15 | Copolymers with Controlled Molecular Weight Distributions and Compositional Gradients through Flow Polymerization. Macromolecules, 2018, 51, 4553-4563. | 4.8 | 104 |
| 16 | 2-(Methylthio)ethyl Methacrylate: A Versatile Monomer for Stimuli Responsiveness and Polymerization-Induced Self-Assembly in the Presence of Air. ACS Macro Letters, 2017, 6, 1237-1244. | 4.8 | 101 |
| 17 | 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 |
| 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. Macromolecules, 2018, 51, 7600-7607. | 4.8 | 90 |
| 20 | An Efficient and Highly Versatile Synthetic Route to Prepare Iron Oxide Nanoparticles/Nanocomposites with Tunable Morphologies. Langmuir, 2014, 30, 10493-10502. | 3.5 | 81 |
| 21 | 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 |
| 22 | A Selfâ€Reporting Photocatalyst for Online Fluorescence Monitoring of High Throughput RAFT Polymerization. Angewandte Chemie - International Edition, 2018, 57, 10102-10106. | 13.8 | 59 |
| 23 | Polymeric and lipid nanoparticles for delivery of self-amplifying RNA vaccines. Journal of Controlled Release, 2021, 338, 201-210. | 9.9 | 53 |
| 24 | Alcohol-based PISA in batch and flow: exploring the role of photoinitiators. Polymer Chemistry, 2019, 10, 2406-2414. | 3.9 | 51 |
| 25 | Polymerization of a Photocleavable Monomer Using Visible Light. Macromolecular Rapid Communications, 2016, 37, 905-910. | 3.9 | 50 |
| 26 | A cocktail of vitamins for aqueous RAFT polymerization in an open-to-air microtiter plate. Polymer Chemistry, 2019, 10, 4643-4654. | 3.9 | 47 |
| 27 | Biofilm dispersal using nitric oxide loaded nanoparticles fabricated by photo-PISA: influence of morphology. Chemical Communications, 2017, 53, 12894-12897. | 4.1 | 45 |
| 28 | Benchtop Preparation of Polymer Brushes by SI-PET-RAFT: The Effect of the Polymer Composition and Structure on Inhibition of a Pseudomonas Biofilm. ACS Applied Materials & Interfaces, 2020, 12, 55243-55254. | 8.0 | 42 |
| 29 | A novel flavin derivative reveals the impact of glucose on oxidative stress in adipocytes. Chemical Communications, 2014, 50, 8181-8184. | 4.1 | 32 |
| 30 | An Oxygenâ€Tolerant PETâ€RAFT Polymerization for Screening Structureâ€“Activity Relationships. Angewandte Chemie, 2018, 130, 1573-1578. | 2.0 | 32 |
| 31 | Gradient Polymerizationâ€“Induced Selfâ€Assembly: A Oneâ€Step Approach. Macromolecular Rapid Communications, 2020, 41, e1900493. | 3.9 | 23 |
| 32 | A Selfâ€Reporting Photocatalyst for Online Fluorescence Monitoring of High Throughput RAFT Polymerization. Angewandte Chemie, 2018, 130, 10259-10263. | 2.0 | 11 |
| 33 | Potent Virustatic Polymerâ€“Lipid Nanomimics Block Viral Entry and Inhibit Malaria Parasites In Vivo. ACS Central Science, 2022, 8, 1238-1257. | 11.3 | 9 |
| 34 | 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 |
| 35 | Facile Synthesis of Worm-like Micelles by Visible Light Mediated Dispersion Polymerization Using Photoredox Catalyst. Journal of Visualized Experiments, 2016, , . | 0.3 | 2 |
| 36 | Macromol. Rapid Commun. 11/2016. Macromolecular Rapid Communications, 2016, 37, 940-940. | 3.9 | 0 |