# Eunice W Q Yeap

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6166220/publications.pdf

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|---|---|---|---|
| 56 papers | 1,508 citations | 304743 22 h-index | 330143 37 g-index |
| 63 all docs | 63 docs citations | 63 times ranked | 2159 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Hydrogel Microparticleâ€Templated Antiâ€Solvent Crystallization of Smallâ€Molecule Drugs. Advanced Healthcare Materials, 2022, 11, e2102252. | 7.6 | 5 |
| 2 | Control of Drug-Excipient Particle Attributes with Droplet Microfluidic-based Extractive Solidification Enables Improved Powder Rheology. Pharmaceutical Research, 2022, 39, 411. | 3.5 | 7 |
| 3 | Rapid, Automated Measurement of Dynamic Size Distributions and Size-Dependent Growth Rates of Crystal Ensembles within Microfluidic Flow Cells. Crystal Growth and Design, 2022, 22, 2869-2879. | 3.0 | 1 |
| 4 | Microfluidics-enabled particle engineering of monodisperse solid lipid microparticles with uniform drug loading and diverse solid-state outcomes. International Journal of Pharmaceutics, 2021, 596, 120230. | 5.2 | 3 |
| 5 | Continuous Embedded Droplet Printing in Yieldâ€Stress Fluids for Pharmaceutical Drug Particle Synthesis. Advanced Materials Technologies, 2021, 6, 2001245. | 5.8 | 7 |
| 6 | Automated synthesis of prexasertib and derivatives enabled by continuous-flow solid-phase synthesis. Nature Chemistry, 2021, 13, 451-457. | 13.6 | 51 |
| 7 | Particle Synthesis: Continuous Embedded Droplet Printing in Yieldâ€Stress Fluids for Pharmaceutical Drug Particle Synthesis (Adv. Mater. Technol. 4/2021). Advanced Materials Technologies, 2021, 6, 2170020. | 5.8 | 0 |
| 8 | Multiâ€Fidelity Highâ€Throughput Optimization of Electrical Conductivity in P3HTâ€CNT Composites. Advanced Functional Materials, 2021, 31, 2102606. | 14.9 | 20 |
| 9 | Encapsulation of Lutein via Microfluidic Technology: Evaluation of Stability and In Vitro Bioaccessibility. Foods, 2021, 10, 2646. | 4.3 | 10 |
| 10 | POD-DEIM model order reduction technique for model predictive control in continuous chemical processing. Computers and Chemical Engineering, 2020, 133, 106638. | 3.8 | 13 |
| 11 | Development of highly reliable SERSâ€active photonic crystal fiber probe and its application in the detection of ovarian cancer biomarker in cyst fluid. Journal of Biophotonics, 2020, 13, e201960120. | 2.3 | 17 |
| 12 | Recent Advances in Co-processed APIs and Proposals for Enabling Commercialization of These Transformative Technologies. Molecular Pharmaceutics, 2020, 17, 2232-2244. | 4.6 | 41 |
| 13 | Embedded droplet printing in yield-stress fluids. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 5671-5679. | 7.1 | 52 |
| 14 | Cloud-inspired multiple scattering for light intensified photochemical flow reactors. Reaction Chemistry and Engineering, 2020, 5, 1058-1063. | 3.7 | 11 |
| 15 | Microfluidic Extractive Crystallization for Spherical Drug/Drug-Excipient Microparticle Production. Organic Process Research and Development, 2019, 23, 375-381. | 2.7 | 17 |
| 16 | Highly efficient CO<sub>2</sub> capture by mixed matrix membranes containing three-dimensional covalent organic framework fillers. Journal of Materials Chemistry A, 2019, 7, 4549-4560. | 10.3 | 108 |
| 17 | Oxidant free conversion of alcohols to nitriles over Ni-based catalysts. Catalysis Science and Technology, 2019, 9, 86-96. | 4.1 | 38 |
| 18 | Deep Learning Accelerated Gold Nanocluster Synthesis. Advanced Intelligent Systems, 2019, 1, 1900029. | 6.1 | 49 |

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|---|---|---|---|
| 19 | Mesoscale triphasic flow reactors for metal catalyzed gasâ€“liquid reactions. Reaction Chemistry and Engineering, 2019, 4, 1331-1340. | 3.7 | 21 |
| 20 | Direct visualization of the ouzo zone through aggregation-induced dye emission for the synthesis of highly monodispersed polymeric nanoparticles. Materials Chemistry Frontiers, 2019, 3, 1375-1384. | 5.9 | 21 |
| 21 | Facile synthesis of lanthanide doped yttria nanophosphors by a simple microplasma-assisted process. Reaction Chemistry and Engineering, 2019, 4, 891-898. | 3.7 | 17 |
| 22 | Continuous Flow Droplet-Based Crystallization Platform for Producing Spherical Drug Microparticles. Organic Process Research and Development, 2019, 23, 93-101. | 2.7 | 15 |
| 23 | Continuous Flow Synthesis of Superparamagnetic Nanoparticles in Reverse Miniemulsion Systems. Colloids and Interface Science Communications, 2019, 28, 1-4. | 4.1 | 17 |
| 24 | Electrically controlled mass transport into microfluidic droplets from nanodroplet carriers with application in controlled nanoparticle flow synthesis. Lab on A Chip, 2018, 18, 1330-1340. | 6.0 | 27 |
| 25 | Dropletâ€Templated Antisolvent Spherical Crystallization of Hydrophilic and Hydrophobic Drugs with an in situ Formed Binder. Advanced Healthcare Materials, 2018, 7, 1700797. | 7.6 | 11 |
| 26 | Multi-color lasing in chemically open droplet cavities. Scientific Reports, 2018, 8, 14088. | 3.3 | 14 |
| 27 | Spherical Crystalline Anti-Retroviral Drug Particles with Tunable Microstructure. Crystal Growth and Design, 2018, 18, 5727-5732. | 3.0 | 2 |
| 28 | Bottom-up Structural Design of Crystalline Drug-Excipient Composite Microparticles via Microfluidic Droplet-based Processing. Crystal Growth and Design, 2017, 17, 3030-3039. | 3.0 | 15 |
| 29 | Millifluidic synthesis of amorphous drug-polysaccharide nanoparticle complex with tunable size intended for supersaturating drug delivery applications. European Journal of Pharmaceutics and Biopharmaceutics, 2017, 112, 196-203. | 4.3 | 14 |
| 30 | Assessing the potential of CO 2 utilization with an integrated framework for producing power and chemicals. Journal of CO2 Utilization, 2017, 19, 49-57. | 6.8 | 43 |
| 31 | Robust, non-fouling liters-per-day flow synthesis of ultra-small catalytically active metal nanoparticles in a single-channel reactor. Reaction Chemistry and Engineering, 2017, 2, 636-641. | 3.7 | 24 |
| 32 | Perspective article: Flow synthesis of functional materials. Journal of Flow Chemistry, 2017, 7, 96-105. | 1.9 | 24 |
| 33 | Room Temperature Batch and Continuous Flow Synthesis of Water-Stable Covalent Organic Frameworks (COFs). Chemistry of Materials, 2016, 28, 5095-5101. | 6.7 | 228 |
| 34 | Kinetics of Chain Exchange between Diblock Copolymer Micelles. Macromolecular Theory and Simulations, 2016, 25, 383-391. | 1.4 | 14 |
| 35 | Investigations on the Influence of Flow Migration on Flow and Heat Transfer in Oblique Fin Microchannel Array. Journal of Heat Transfer, 2016, 138, . | 2.1 | 16 |
| 36 | Weaving colloidal webs around droplets: spontaneous assembly of extended colloidal networks encasing microfluidic droplet ensembles. Soft Matter, 2016, 12, 8654-8660. | 2.7 | 3 |

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|---|---|---|---|
| 37 | Co-micellization behavior of triblock copolymers in the presence of hydrophobic drug molecules: A simulation study. Colloids and Surfaces B: Biointerfaces, 2016, 148, 299-307. | 5.0 | 14 |
| 38 | Droplet microfluidics with a nanoemulsion continuous phase. Lab on A Chip, 2016, 16, 2694-2700. | 6.0 | 14 |
| 39 | Microfluidic Fabrication of Multiâ€Drugâ€Loaded Polymeric Microparticles for Topical Glaucoma Therapy. Particle and Particle Systems Characterization, 2015, 32, 567-572. | 2.3 | 26 |
| 40 | Highly Selective, Kinetically Driven Polymorphic Selection in Microfluidic Emulsion-Based Crystallization and Formulation. Crystal Growth and Design, 2015, 15, 212-218. | 3.0 | 28 |
| 41 | Co-Micellization Behavior in Poloxamers: Dissipative Particle Dynamics Study. Journal of Physical Chemistry B, 2015, 119, 572-582. | 2.6 | 22 |
| 42 | Prediction of the shape and pressure drop of Taylor bubbles in circular tubes. Microfluidics and Nanofluidics, 2015, 19, 1221-1233. | 2.2 | 23 |
| 43 | Rapid nanoparticle-catalyzed hydrogenations in triphasic millireactors with facile catalyst recovery. Green Chemistry, 2014, 16, 4654-4658. | 9.0 | 26 |
| 44 | Dualâ€Stage Continuousâ€Flow Seedless Microfluidic Synthesis of Anisotropic Gold Nanocrystals. Particle and Particle Systems Characterization, 2014, 31, 429-432. | 2.3 | 24 |
| 45 | Dynamics and Morphological Outcomes in Thin-Film Spherical Crystallization of Glycine from Microfluidic Emulsions: Experimental Studies and Modeling. Crystal Growth and Design, 2014, 14, 3485-3492. | 3.0 | 16 |
| 46 | Simultaneous Spherical Crystallization and Co-Formulation of Drug(s) and Excipient from Microfluidic Double Emulsions. Crystal Growth and Design, 2014, 14, 140-146. | 3.0 | 47 |
| 47 | Monodisperse Polymeric Ionic Liquid Microgel Beads with Multiple Chemically Switchable Functionalities. Langmuir, 2013, 29, 9535-9543. | 3.5 | 68 |
| 48 | Dynamically tunable nanoparticle engineering enabled by short contact-time microfluidic synthesis with a reactive gas. RSC Advances, 2013, 3, 2897. | 3.6 | 29 |
| 49 | Functionalized Silica Nanoparticles as Additives for Polymorphic Control in Emulsion-Based Crystallization of Glycine. Crystal Growth and Design, 2013, 13, 2455-2461. | 3.0 | 15 |
| 50 | Bistability in droplet traffic at asymmetric microfluidic junctions. Biomicrofluidics, 2013, 7, 44123. | 2.4 | 15 |
| 51 | Hierarchical materials synthesis at soft all-aqueous interfaces. Soft Matter, 2012, 8, 3924. | 2.7 | 5 |
| 52 | Controlling bubbles using bubblesâ€"microfluidic synthesis of ultra-small gold nanocrystals with gas-evolving reducing agents. Lab on A Chip, 2012, 12, 1807. | 6.0 | 54 |
| 53 | Spherical Crystallization of Glycine from Monodisperse Microfluidic Emulsions. Crystal Growth and Design, 2012, 12, 3977-3982. | 3.0 | 61 |
| 54 | Microfluidic continuous magnetophoretic protein separation using nanoparticle aggregates. Microfluidics and Nanofluidics, 2011, 11, 429-438. | 2.2 | 39 |

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|---|---|---|---|
| 55 | Highâ€throughput and Highâ€speed Absorbance Measurements in Microfluidic Droplets using Hyperspectral Imaging. Chemistry Methods, 0, , . | 3.8 | 1 |
| 56 | 3D-printed capillary force trap reactors (CFTRs) for multiphase catalytic flow chemistry. Reaction Chemistry and Engineering, 0, , . | 3.7 | 1 |