# Shwathy Ramesan

List of Publications by Year
in descending order



| 15 | 412 | 759233 12 | 1058476 14 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 16 | 16 | 16 | 573 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | High frequency acoustic cell stimulation promotes exosome generation regulated by a calcium-dependent mechanism. Communications Biology, 2020, 3, 553. | 4.4 | 65 |
| 2 | Acoustically-mediated intracellular delivery. Nanoscale, 2018, 10, 13165-13178. | 5.6 | 59 |
| 3 | Continuous tuneable droplet ejection via pulsed surface acoustic wave jetting. Soft Matter, 2018, 14, 5721-5727. | 2.7 | 52 |
| 4 | High Frequency Sonoprocessing: A New Field of Cavitationâ€Free Acoustic Materials Synthesis, Processing, and Manipulation. Advanced Science, 2021, 8, 2001983. | 11.2 | 37 |
| 5 | Onâ€Chip Generation of Vortical Flows for Microfluidic Centrifugation. Small, 2020, 16, e1903605. | 10.0 | 30 |
| 6 | Acoustically-driven thread-based tuneable gradient generators. Lab on A Chip, 2016, 16, 2820-2828. | 6.0 | 28 |
| 7 | Acoustofection: High-Frequency Vibrational Membrane Permeabilization for Intracellular siRNA Delivery into Nonadherent Cells. ACS Applied Bio Materials, 2021, 4, 2781-2789. | 4.6 | 23 |
| 8 | Plug-and-actuate on demand: multimodal individual addressability of microarray plates using modular hybrid acoustic wave technology. Lab on A Chip, 2018, 18, 406-411. | 6.0 | 22 |
| 9 | Antitumor and Antiangiogenic Properties of Gold(III) Complexes Containing Cycloaurated Triphenylphosphine Sulfide Ligands. Inorganic Chemistry, 2020, 59, 5662-5673. | 4.0 | 22 |
| 10 | High frequency acoustic permeabilisation of drugs through tissue for localised mucosal delivery. Lab on A Chip, 2018, 18, 3272-3284. | 6.0 | 17 |
| 11 | Potent and Selective Cytotoxic and Antiâ€inflammatory Gold(III) Compounds Containing Cyclometalated Phosphine Sulfide Ligands. Chemistry - A European Journal, 2019, 25, 14089-14100. | 3.3 | 16 |
| 12 | Self-assembled and pH-responsive polymeric nanomicelles impart effective delivery of paclitaxel to cancer cells. RSC Advances, 2021, 11, 13928-13939. | 3.6 | 14 |
| 13 | A nanoscale, biocompatible and amphiphilic prodrug of cabazitaxel with improved anticancer efficacy against 3D spheroids of prostate cancer cells. Materials Advances, 2020, 1, 738-748. | 5.4 | 13 |
| 14 | Recapitulating cranial osteogenesis with neural crest cells in 3-D microenvironments. Acta Biomaterialia, 2016, 31, 301-311. | 8.3 | 9 |
| 15 | Microstructure dependent ammonia sensing properties of nanostuctured zinc oxide thin films using in-house designed gas exposure facility. , 2011, , . | | 5 |