

# Shwathy Ramesan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5921079/publications.pdf>

Version: 2024-02-01

15  
papers

412  
citations

759233

12  
h-index

1058476

14  
g-index

16  
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16  
docs citations

16  
times ranked

573  
citing authors

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