

# Yit Fatt Yap

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2856192/publications.pdf>

Version: 2024-02-01

18  
papers

384  
citations

1039880

9  
h-index

1058333

14  
g-index

19  
all docs

19  
docs citations

19  
times ranked

478  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermally mediated breakup of drops in microchannels. Applied Physics Letters, 2006, 89, 234101.	1.5	88
2	Numerical and experimental investigations of the formation process of ferrofluid droplets. Microfluidics and Nanofluidics, 2011, 11, 177-187.	1.0	86
3	Numerical study of the formation process of ferrofluid droplets. Physics of Fluids, 2011, 23, .	1.6	63
4	Flow structure of compound droplets moving in microchannels. Physics of Fluids, 2018, 30, .	1.6	30
5	Multi-functional, optofluidic, in-plane, bi-concave lens: tuning light beam from focused to divergent. Microfluidics and Nanofluidics, 2011, 10, 671-678.	1.0	21
6	Flow-induced vibration on two tandem cylinders of different diameters and spacing ratios. Ocean Engineering, 2022, 258, 111747.	1.9	18
7	Behavior of microdroplets in diffuser/nozzle structures. Microfluidics and Nanofluidics, 2009, 6, 835-846.	1.0	16
8	Numerical investigation of upstream pressure fluctuation during growth and breakup of pendant drops. Chemical Engineering Science, 2011, 66, 5293-5300.	1.9	13
9	Predictive Model for Pressureâ€œVolumeâ€œTemperature Properties and Asphaltene Instability of Crude Oils under Gas Injection. Energy & Fuels, 2018, 32, 8318-8328.	2.5	12
10	Motion of a droplet through microfluidic ratchets. Physical Review E, 2009, 80, 046319.	0.8	9
11	Nanoparticles for convective heat transfer enhancement: heat transfer coefficient and the effects of particle size and zeta potential. Chemical Engineering Communications, 2019, 206, 761-771.	1.5	8
12	Combined effect of silica nanofluid and wettability on enhanced oil recovery process. Journal of Petroleum Science and Engineering, 2022, 215, 110663.	2.1	7
13	Modeling of Nanofluid-Fluid Two-Phase Flow and Heat Transfer. International Journal of Computational Methods, 2018, 15, 1850072.	0.8	6
14	Numerical Studies of Sessile Droplet Shape with Moving Contact Lines. Micro and Nanosystems, 2011, 3, 56-64.	0.3	4
15	Active control for droplet-based microfluidics. , 2006, 6416, 113.		2
16	A Numerical Investigation of Thermally Mediated Droplet Formation in a T-Junction. , 2009, , .		1
17	Experimental and Numerical Investigation of Droplet Transport in a Diffuser/Nozzle Structure. , 2009, , .		0
18	Development of a Predictive Molecular Model for Abu Dhabi Crude Oils Phase Behavior. , 2018, , .		0