

# Qingming Chen

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

417  
citations

933447

10  
h-index

996975

15  
g-index

17  
all docs

17  
docs citations

17  
times ranked

538  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biomimetic reusable microfluidic reactors with physically immobilized RuBisCO for glucose precursor production. <i>Catalysis Science and Technology</i> , 2022, 12, 5009-5020.	4.1	6
2	Microfluidic immobilized enzyme reactors for continuous biocatalysis. <i>Reaction Chemistry and Engineering</i> , 2020, 5, 9-32.	3.7	82
3	Aberration-free aspherical in-plane tunable liquid lenses by regulating local curvatures. <i>Lab on A Chip</i> , 2020, 20, 995-1001.	6.0	23
4	Continuous artificial synthesis of glucose precursor using enzyme-immobilized microfluidic reactors. <i>Nature Communications</i> , 2019, 10, 4049.	12.8	60
5	Terahertz Microfluidic Metamaterial Biosensor for Sensitive Detection of Small-Volume Liquid Samples. <i>IEEE Transactions on Terahertz Science and Technology</i> , 2019, 9, 209-214.	3.1	56
6	Dielectrophoresis-actuated liquid lenses with dual air/liquid interfaces tuned from biconcave to biconvex. <i>Lab on A Chip</i> , 2018, 18, 3849-3854.	6.0	14
7	Planar polarization-routing optical cross-connects using nematic liquid crystal waveguides. <i>Optics Express</i> , 2018, 26, 402.	3.4	3
8	Dielectrophoresis-actuated in-plane optofluidic lens with tunability of focal length from negative to positive. <i>Optics Express</i> , 2018, 26, 6532.	3.4	22
9	Optofluidic Tunable Lenses for In-Plane Light Manipulation. <i>Micromachines</i> , 2018, 9, 97.	2.9	22
10	Optofluidic Planar Optical Cross-Connect Using Nematic Liquid-Crystal Waveguides. <i>IEEE Photonics Journal</i> , 2018, 10, 1-17.	2.0	2
11	Electrically controlled polarization rotator using nematic liquid crystal. <i>Optics Express</i> , 2018, 26, 32317.	3.4	2
12	Tunable optical delay line using quadratic-coupled waveguide lattices. , 2016, , .		0
13	Optofluidic tunable lenses using laser-induced thermal gradient. <i>Lab on A Chip</i> , 2016, 16, 104-111.	6.0	38
14	Optofluidic Tunable Lens Using Laser-induced Thermal Gradient. , 2016, , .		0
15	A digitally generated ultrafine optical frequency comb for spectral measurements with 0.01-pm resolution and 0.7-Åµs response time. <i>Light: Science and Applications</i> , 2015, 4, e300-e300.	16.6	51
16	Variable Optical Delay Line Using Discrete Harmonic Oscillation in Waveguide Lattices. <i>Journal of Lightwave Technology</i> , 2015, 33, 5095-5102.	4.6	1
17	A distributed fiber vibration sensor utilizing dispersion induced walk-off effect in a unidirectional Mach-Zehnder interferometer. <i>Optics Express</i> , 2014, 22, 2167.	3.4	35