

Qingming Chen

List of Publications by Year in descending order

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17
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17
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538
citing authors

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