

Qiushu Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1269185/publications.pdf>

Version: 2024-02-01

21
papers

960
citations

516710

16
h-index

713466

21
g-index

21
all docs

21
docs citations

21
times ranked

767
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly sensitive fluorescent protein FRET detection using optofluidic lasers. Lab on A Chip, 2013, 13, 2679.	6.0	98
2	Optofluidic laser for dual-mode sensitive biomolecular detection with a large dynamic range. Nature Communications, 2014, 5, 3779.	12.8	94
3	Laser-emission imaging of nuclear biomarkers for high-contrast cancer screening and immunodiagnosis. Nature Biomedical Engineering, 2017, 1, 724-735.	22.5	89
4	Lasing in blood. Optica, 2016, 3, 809.	9.3	84
5	Optofluidic lasers with a single molecular layer of gain. Lab on A Chip, 2014, 14, 4590-4595.	6.0	70
6	Turbidimetric inhibition immunoassay revisited to enhance its sensitivity via an optofluidic laser. Biosensors and Bioelectronics, 2019, 131, 60-66.	10.1	64
7	Self-assembled DNA tetrahedral optofluidic lasers with precise and tunable gain control. Lab on A Chip, 2013, 13, 3351.	6.0	59
8	Reproducible fiber optofluidic laser for disposable and array applications. Lab on A Chip, 2017, 17, 3431-3436.	6.0	50
9	Bio-inspired optofluidic lasers with luciferin. Applied Physics Letters, 2013, 102, .	3.3	47
10	Digital DNA detection based on a compact optofluidic laser with ultra-low sample consumption. Lab on A Chip, 2016, 16, 4770-4776.	6.0	47
11	On-chip, high-sensitivity temperature sensors based on dye-doped solid-state polymer microring lasers. Applied Physics Letters, 2017, 111, .	3.3	37
12	Versatile tissue lasers based on high-Q Fabry-Pérot microcavities. Lab on A Chip, 2017, 17, 538-548.	6.0	35
13	Fast and Reproducible ELISA Laser Platform for Ultrasensitive Protein Quantification. ACS Sensors, 2020, 5, 110-117.	7.8	34
14	Optofluidic FRET lasers using aqueous quantum dots as donors. Lab on A Chip, 2016, 16, 353-359.	6.0	33
15	Optofluidic FRET Lasers and Their Applications in Novel Photonic Devices and Biochemical Sensing. IEEE Journal of Selected Topics in Quantum Electronics, 2016, 22, 188-202.	2.9	33
16	An integrated microwell array platform for cell lasing analysis. Lab on A Chip, 2017, 17, 2814-2820.	6.0	28
17	Stable High-Q Bouncing Ball Modes inside a Fabry-Pérot Cavity. ACS Photonics, 2019, 6, 2470-2478.	6.6	14
18	Monitoring Neuron Activities and Interactions with Laser Emissions. ACS Photonics, 2020, 7, 2182-2189.	6.6	13

#	ARTICLE	IF	CITATIONS
19	Highly Reproducible, Isotropic Optofluidic Laser Based on Hollow Optical Fiber. IEEE Journal of Selected Topics in Quantum Electronics, 2019, 25, 1-6.	2.9	12
20	Chromatin laser imaging reveals abnormal nuclear changes for early cancer detection. Biomedical Optics Express, 2019, 10, 838.	2.9	11
21	Refractive index sensing based on semiconductor nanowire lasers. Applied Physics Letters, 2017, 111, .	3.3	8