

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	Fast and Reproducible ELISA Laser Platform for Ultrasensitive Protein Quantification. ACS Sensors, 2020, 5, 110-117.	7.8	34
2	Monitoring Neuron Activities and Interactions with Laser Emissions. ACS Photonics, 2020, 7, 2182-2189.	6.6	13
3	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
4	Stable High-Q Bouncing Ball Modes inside a Fabry-Pérot Cavity. ACS Photonics, 2019, 6, 2470-2478.	6.6	14
5	Turbidimetric inhibition immunoassay revisited to enhance its sensitivity via an optofluidic laser. Biosensors and Bioelectronics, 2019, 131, 60-66.	10.1	64
6	Chromatin laser imaging reveals abnormal nuclear changes for early cancer detection. Biomedical Optics Express, 2019, 10, 838.	2.9	11
7	Versatile tissue lasers based on high-Q Fabry-Pérot microcavities. Lab on A Chip, 2017, 17, 538-548.	6.0	35
8	Reproducible fiber optofluidic laser for disposable and array applications. Lab on A Chip, 2017, 17, 3431-3436.	6.0	50
9	Refractive index sensing based on semiconductor nanowire lasers. Applied Physics Letters, 2017, 111, .	3.3	8
10	On-chip, high-sensitivity temperature sensors based on dye-doped solid-state polymer microring lasers. Applied Physics Letters, 2017, 111, .	3.3	37
11	An integrated microwell array platform for cell lasing analysis. Lab on A Chip, 2017, 17, 2814-2820.	6.0	28
12	Laser-emission imaging of nuclear biomarkers for high-contrast cancer screening and immunodiagnosis. Nature Biomedical Engineering, 2017, 1, 724-735.	22.5	89
13	Lasing in blood. Optica, 2016, 3, 809.	9.3	84
14	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
15	Optofluidic FRET lasers using aqueous quantum dots as donors. Lab on A Chip, 2016, 16, 353-359.	6.0	33
16	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
17	Optofluidic lasers with a single molecular layer of gain. Lab on A Chip, 2014, 14, 4590-4595.	6.0	70
18	Optofluidic laser for dual-mode sensitive biomolecular detection with a large dynamic range. Nature Communications, 2014, 5, 3779.	12.8	94

#	ARTICLE	IF	CITATIONS
19	Self-assembled DNA tetrahedral optofluidic lasers with precise and tunable gain control. Lab on A Chip, 2013, 13, 3351.	6.0	59
20	Highly sensitive fluorescent protein FRET detection using optofluidic lasers. Lab on A Chip, 2013, 13, 2679.	6.0	98
21	Bio-inspired optofluidic lasers with luciferin. Applied Physics Letters, 2013, 102, .	3.3	47