

Yu-Fei

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Highly Sensitive Trace Gas Detection Based on In-Plane Single-Quartz-Enhanced Dual Spectroscopy. <i>Sensors</i> , 2022, 22, 1035.	3.8	6
2	Highly Sensitive Measurement of Oxygen Concentration Based on Reflector-Enhanced Photoacoustic Spectroscopy. <i>Sensors</i> , 2022, 22, 5087.	3.8	2
3	Continuous wave and SnSe ₂ /PdSe ₂ passively Q-switched Nd:GdNbO ₄ laser under direct pumping. <i>Optics and Laser Technology</i> , 2021, 133, 106558.	4.6	2
4	Advances in fiber-based quartz enhanced photoacoustic spectroscopy for trace gas sensing. <i>Microwave and Optical Technology Letters</i> , 2021, 63, 2031-2039.	1.4	44
5	Ultra-Highly Sensitive Hydrogen Chloride Detection Based on Quartz-Enhanced Photothermal Spectroscopy. <i>Sensors</i> , 2021, 21, 3563.	3.8	5
6	Quartz tuning fork-based demodulation of an acoustic signal induced by photo-thermo-elastic energy conversion. <i>Photoacoustics</i> , 2021, 22, 100272.	7.8	74
7	Ultra-Highly Sensitive Ammonia Detection Based on Light-Induced Thermoelastic Spectroscopy. <i>Sensors</i> , 2021, 21, 4548.	3.8	13
8	Ultra-high sensitive trace gas detection based on light-induced thermoelastic spectroscopy and a custom quartz tuning fork. <i>Applied Physics Letters</i> , 2020, 116, .	3.3	90
9	Passively Q-switched Nd:GdLaNbO ₄ laser based on 2D PdSe ₂ nanosheet. <i>Optics and Laser Technology</i> , 2020, 124, 105959.	4.6	27
10	In-plane quartz-enhanced photoacoustic spectroscopy. <i>Applied Physics Letters</i> , 2020, 116, .	3.3	59
11	State-of-the-Art Laser Gas Sensing Technologies. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 433.	2.5	3
12	Diode-pumped passively Q-switched Nd:GdYTaO ₄ laser based on two-dimensional WS ₂ nanosheet. <i>Optics and Laser Technology</i> , 2019, 109, 319-322.	4.6	9
13	Investigation on 1065 nm laser performance with Nd:GdLaNbO ₄ mixed crystal and molybdenum disulfide. <i>Optics and Laser Technology</i> , 2019, 120, 105715.	4.6	7
14	A Sensitive Carbon Monoxide Sensor Based on Photoacoustic Spectroscopy with a 2.3 μm Mid-Infrared High-Power Laser and Enhanced Gas Absorption. <i>Sensors</i> , 2019, 19, 3202.	3.8	14
15	A Sensitive Carbon Dioxide Sensor Based on Photoacoustic Spectroscopy with a Fixed Wavelength Quantum Cascade Laser. <i>Sensors</i> , 2019, 19, 4187.	3.8	18
16	The optimization of a novel diode-pumped continuous-wave Nd:GdYNbO ₄ laser. <i>Optik</i> , 2019, 191, 75-79.	2.9	1
17	High efficiency diode-pumped continuous-wave and passively Q-switched Nd:GSAG laser with a two-dimensional WS ₂ saturable absorber at 1060 nm. <i>Infrared Physics and Technology</i> , 2019, 97, 371-375.	2.9	5
18	Diode-pumped two-dimensional MoS ₂ passively Q-switched Nd:GdYNbO ₄ laser. <i>Infrared Physics and Technology</i> , 2019, 98, 311-314.	2.9	6

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19	A pulsed Nd:GdYNbO ₄ laser based on transition metal dichalcogenides WS ₂ and MoS ₂ . Optics and Laser Technology, 2019, 117, 1-5.	4.6	9
20	A optimized diode-pumped continuous-wave laser with novel Nd:GdLaNbO ₄ mixed crystal. Optik, 2019, 179, 514-517.	2.9	0
21	Continuous-wave and acousto-optically Q-switched 1066 nm laser performance of a novel Nd:GdTaO ₄ crystal. Optics and Laser Technology, 2018, 101, 397-400.	4.6	7
22	Review of Recent Advances in QEPAS-Based Trace Gas Sensing. Applied Sciences (Switzerland), 2018, 8, 1822.	2.5	61
23	Diode-pumped continuous-wave and passively Q-switched Nd:GdLaNbO ₄ laser. Optical Materials Express, 2018, 8, 983.	3.0	10
24	High-Power DFB Diode Laser-Based CO-QEPAS Sensor: Optimization and Performance. Sensors, 2018, 18, 122.	3.8	13
25	Quartz-Enhanced Photoacoustic Spectroscopy Sensor with a Small-Gap Quartz Tuning Fork. Sensors, 2018, 18, 2047.	3.8	13
26	Diode-pumped acousto-optically Q-switched laser with Nd ³⁺ doped GdYNbO ₄ mixed crystal. Infrared Physics and Technology, 2018, 92, 295-298.	2.9	9
27	A Miniaturized QEPAS Trace Gas Sensor with a 3D-Printed Acoustic Detection Module. Sensors, 2017, 17, 1750.	3.8	15