

Yang Xu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1653075/publications.pdf>

Version: 2024-02-01

15
papers

114
citations

1478505

6
h-index

1281871

11
g-index

15
all docs

15
docs citations

15
times ranked

51
citing authors

#	ARTICLE	IF	CITATIONS
1	Specific detection of glucose by an optical weak measurement sensor. Biomedical Optics Express, 2021, 12, 5128.	2.9	3
2	Optimization of the Weak Measurement System by Determining the Optimal Total Phase Difference. IEEE Photonics Journal, 2021, 13, 1-8.	2.0	0
3	High-Throughput Chiral Molecule Determination Based on Multi-Channel Weak Measurement. IEEE Photonics Journal, 2021, 13, 1-12.	2.0	1
4	Imaging Sensor for the Detection of the Flow Battery Via Weak Value Amplification. Analytical Chemistry, 2021, 93, 12914-12920.	6.5	7
5	Spectrum Intensity Ratio Detection for Frequency Domain Weak Measurement System. IEEE Photonics Journal, 2020, 12, 1-12.	2.0	3
6	Measuring angular rotation via the rotatory dispersion effect. Physical Review A, 2020, 102, .	2.5	5
7	Detection of Macromolecular Content in a Mixed Solution of Protein Macromolecules and Small Molecules Using a Weak Measurement Linear Differential System. Analytical Chemistry, 2019, 91, 11576-11581.	6.5	11
8	Enhanced Interferometric Weak Value Amplification With Multiple Reflection. IEEE Photonics Technology Letters, 2019, 31, 1557-1560.	2.5	0
9	A Differential Detection Method Based on a Linear Weak Measurement System. Sensors, 2019, 19, 2473.	3.8	1
10	Multifunctional weak measurement system that can measure the refractive index and optical rotation of a solution. Applied Physics Letters, 2019, 114, .	3.3	21
11	Label-free and Non-destruction Determination of Single- and Double-Strand DNA based on Quantum Weak Measurement. Scientific Reports, 2019, 9, 1891.	3.3	4
12	Rapid Separation of Enantiomeric Impurities in Chiral Molecules by a Self-Referential Weak Measurement System. Sensors, 2018, 18, 3788.	3.8	5
13	Optimization of a quantum weak measurement system with digital filtering technology. Applied Optics, 2018, 57, 7956.	1.8	13
14	Determination of Tumor Marker Carcinoembryonic Antigen with Biosensor Based on Optical Quantum Weak Measurements. Sensors, 2018, 18, 1550.	3.8	11
15	Optimization of a quantum weak measurement system with its working areas. Optics Express, 2018, 26, 21119.	3.4	29