Yang Xu

List of Publications by Year
in descending order

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

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		1478505	1281871
15	114	6	11
papers	citations	h-index	g-index

15	15	15	51
all docs	docs citations	times ranked	citing authors

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