

# Yuri N Zakharov

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7784325/publications.pdf>

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papers

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1477746

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357  
citing authors

#	ARTICLE	IF	CITATIONS
1	Coherent Confocal Light Scattering Spectroscopic Microscopy Evaluates Cancer Progression and Aggressiveness in Live Cells and Tissue. ACS Photonics, 2021, 8, 2050-2059.	3.2	3
2	Two-photon polymerization nanofabrication of ultracompact light scattering spectroscopic probe for detection of pre-cancer in pancreatic cyst. Optics and Lasers in Engineering, 2021, 142, 106616.	2.0	5
3	Spectroscopic label-free microscopy of changes in live cell chromatin and biochemical composition in transplantable organoids. Science Advances, 2021, 7, .	4.7	21
4	Rapid detection and identification of bacteria directly from whole blood with light scattering spectroscopy based biosensor. Sensors and Actuators B: Chemical, 2021, 346, 130489.	4.0	1
5	Multispectral Endoscopy With Light Gating for Early Cancer Detection. IEEE Journal of Selected Topics in Quantum Electronics, 2019, 25, 1-9.	1.9	9
6	Picoanalysis: Picoanalysis of Drugs in Biofluids with Quantitative Label-Free Surface-Enhanced Raman Spectroscopy (Small 47/2018). Small, 2018, 14, 1870227.	5.2	3
7	Picoanalysis of Drugs in Biofluids with Quantitative Label-Free Surface-Enhanced Raman Spectroscopy. Small, 2018, 14, e1802392.	5.2	29
8	Multispectral light scattering endoscopic imaging of esophageal precancer. Light: Science and Applications, 2018, 7, 17174-17174.	7.7	26
9	Light scattering spectroscopy identifies the malignant potential of pancreatic cysts during endoscopy. Nature Biomedical Engineering, 2017, 1, .	11.6	37
10	Interferometric detection of Ca <sup>2+</sup> signals in dissociated hippocampal culture. , 2014, , .		0
11	Seizure-like activity in hyaluronidase-treated dissociated hippocampal cultures. Frontiers in Cellular Neuroscience, 2013, 7, 149.	1.8	87