

# Rinat Ankri

## List of Publications by Year in descending order

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18  
papers

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citations

687363

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839539

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19  
docs citations

19  
times ranked

605  
citing authors

#	ARTICLE	IF	CITATIONS
1	A 512 Å— 512 SPAD Image Sensor With Integrated Gating for Widefield FLIM. IEEE Journal of Selected Topics in Quantum Electronics, 2019, 25, 1-12.	2.9	109
2	<i>In vivo</i> Tumor detection using diffusion reflection measurements of targeted gold nanorods – a quantitative study. Journal of Biophotonics, 2012, 5, 263-273.	2.3	69
3	Gold Nanorods Based Air Scanning Electron Microscopy and Diffusion Reflection Imaging for Mapping Tumor Margins in Squamous Cell Carcinoma. ACS Nano, 2016, 10, 2349-2356.	14.6	50
4	Nanoparticle uptake by macrophages in vulnerable plaques for atherosclerosis diagnosis. Journal of Biophotonics, 2015, 8, 871-883.	2.3	45
5	Multimodal bioimaging based on gold nanorod and carbon dot nano hybrids as a novel tool for atherosclerosis detection. Nano Research, 2018, 11, 1262-1273.	10.4	44
6	Gold Nanorods as Absorption Contrast Agents for the Noninvasive Detection of Arterial Vascular Disorders Based on Diffusion Reflection Measurements. Nano Letters, 2014, 14, 2681-2687.	9.1	42
7	Reflected light intensity profile of two-layer tissues: phantom experiments. Journal of Biomedical Optics, 2011, 16, 085001.	2.6	41
8	Gold nanorods based diffusion reflection measurements: current status and perspectives for clinical applications. Nanophotonics, 2017, 6, 1031-1042.	6.0	41
9	Intercoupling surface plasmon resonance and diffusion reflection measurements for real-time cancer detection. Journal of Biophotonics, 2013, 6, 188-196.	2.3	29
10	A new method for cancer detection based on diffusion reflection measurements of targeted gold nanorods. International Journal of Nanomedicine, 2012, 7, 449.	6.7	27
11	Gold nanorods reflectance discriminate benign from malignant oral lesions. Nanomedicine: Nanotechnology, Biology, and Medicine, 2017, 13, 1333-1339.	3.3	24
12	Detection of gold nanorods uptake by macrophages using scattering analyses combined with diffusion reflection measurements as a potential tool for in vivo atherosclerosis tracking. International Journal of Nanomedicine, 2015, 10, 4437.	6.7	19
13	Single-Photon, Time-Gated, Phasor-Based Fluorescence Lifetime Imaging through Highly Scattering Medium. ACS Photonics, 2020, 7, 68-79.	6.6	14
14	New optical method for enhanced detection of colon cancer by capsule endoscopy. Nanoscale, 2013, 5, 9806.	5.6	9
15	Three-Dimensional Highly Sensitive Diffusion Reflection-Based Imaging Method for the in Vivo Localization of Atherosclerosis Plaques Following Gold Nanorods Accumulation. ACS Omega, 2018, 3, 6134-6142.	3.5	6
16	Hyperlipidemic mice as a model for a real-time in vivo detection of atherosclerosis by gold nanorods-based diffusion reflection technique. Journal of Biophotonics, 2019, 12, e201800218.	2.3	4
17	Diffusion Reflection Measurements of Antibodies Conjugated to Gold Nanoparticles as a Method to Identify Cutaneous Squamous Cell Carcinoma Borders. Materials, 2020, 13, 447.	2.9	4
18	Simultaneous Noninvasive Detection and Therapy of Atherosclerosis Using HDL Coated Gold Nanorods. Diagnostics, 2022, 12, 577.	2.6	3