

# Anna N Yaroslavsky

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

55  
papers

2,050  
citations

23  
h-index

45  
g-index

70  
ext. papers

2,365  
ext. citations

3.5  
avg, IF

4.46  
L-index

#	Paper	IF	Citations
55	Feasibility of dual-contrast fluorescence imaging of pathological breast tissues. <i>Journal of Biophotonics</i> , <b>2021</b> , 14, e202100007	3.1	1
54	The Path to an Evidence-Based Treatment Protocol for Extraoral Photobiomodulation Therapy for the Prevention of Oral Mucositis.. <i>Frontiers in Oral Health</i> , <b>2021</b> , 2, 689386	0.8	2
53	Temperature induced changes in the optical properties of skin in vivo. <i>Scientific Reports</i> , <b>2021</b> , 11, 754	4.9	3
52	Dual-Wavelength Optical Polarization Imaging for Detecting Skin Cancer Margins. <i>Journal of Investigative Dermatology</i> , <b>2020</b> , 140, 1994-2000.e1	4.3	5
51	Fluorescence Polarization of Methylene Blue as a Quantitative Marker of Breast Cancer at the Cellular Level. <i>Scientific Reports</i> , <b>2019</b> , 9, 940	4.9	18
50	Multimodal optical imaging of renal cells. <i>Optical Engineering</i> , <b>2019</b> , 58, 1	1.1	4
49	Multimodal quantitative imaging of brain cancer in cultured cells. <i>Biomedical Optics Express</i> , <b>2019</b> , 10, 4237-4248	3.5	4
48	Collagen disruption as a marker for basal cell carcinoma in presurgical margin detection. <i>Lasers in Surgery and Medicine</i> , <b>2018</b> , 50, 902-907	3.6	7
47	Terahertz biophotonics as a tool for studies of dielectric and spectral properties of biological tissues and liquids. <i>Progress in Quantum Electronics</i> , <b>2018</b> , 62, 1-77	9.1	113
46	Optical mapping of nonmelanoma skin Cancers-A pilot clinical study. <i>Lasers in Surgery and Medicine</i> , <b>2017</b> , 49, 803-809	3.6	12
45	Multimodal imaging for nonmelanoma skin cancer margin delineation. <i>Lasers in Surgery and Medicine</i> , <b>2017</b> , 49, 319-326	3.6	18
44	Polarization enhanced wide-field imaging for evaluating dermal changes caused by non-ablative fractional laser treatment. <i>Lasers in Surgery and Medicine</i> , <b>2016</b> , 48, 150-6	3.6	7
43	Combined optical and terahertz imaging for intraoperative delineation of nonmelanoma skin cancers <b>2016</b> ,		1
42	Demeclocycline as a contrast agent for detecting brain neoplasms using confocal microscopy. <i>Physics in Medicine and Biology</i> , <b>2015</b> , 60, 3003-11	3.8	8
41	Wavelength optimized cross-polarized wide-field imaging for noninvasive and rapid evaluation of dermal structures. <i>Journal of Biophotonics</i> , <b>2015</b> , 8, 324-31	3.1	11
40	Polarization-sensitive multimodal imaging for detecting breast cancer. <i>Cancer Research</i> , <b>2014</b> , 74, 4685-93	10.1	42
39	Comparative evaluation of methylene blue and demeclocycline for enhancing optical contrast of gliomas in optical images. <i>Journal of Biomedical Optics</i> , <b>2014</b> , 19, 90504	3.5	6

38	Terahertz image processing for the skin cancer diagnostic <b>2014</b> ,		2
37	Imaging of ex vivo nonmelanoma skin cancers in the optical and terahertz spectral regions optical and terahertz skin cancers imaging. <i>Journal of Biophotonics</i> , <b>2014</b> , 7, 295-303	3.1	54
36	Dye-enhanced multimodal confocal imaging as a novel approach to intraoperative diagnosis of brain tumors. <i>Brain Pathology</i> , <b>2013</b> , 23, 73-81	6	33
35	Delineating breast ductal carcinoma using combined dye-enhanced wide-field polarization imaging and optical coherence tomography. <i>Journal of Biophotonics</i> , <b>2013</b> , 6, 679-86	3.1	8
34	Identifying brain neoplasms using dye-enhanced multimodal confocal imaging. <i>Journal of Biomedical Optics</i> , <b>2012</b> , 17, 026012	3.5	20
33	High-contrast mapping of basal cell carcinomas. <i>Optics Letters</i> , <b>2012</b> , 37, 644-6	3	28
32	Continuous-wave terahertz reflection imaging of ex vivo nonmelanoma skin cancers <b>2012</b> ,		5
31	Multimodal optical imaging for detecting breast cancer. <i>Journal of Biomedical Optics</i> , <b>2012</b> , 17, 066008	3.5	29
30	Continuous wave terahertz transmission imaging of nonmelanoma skin cancers. <i>Lasers in Surgery and Medicine</i> , <b>2011</b> , 43, 457-62	3.6	49
29	Dye-enhanced multimodal confocal microscopy for noninvasive detection of skin cancers in mouse models. <i>Journal of Biomedical Optics</i> , <b>2010</b> , 15, 026023	3.5	16
28	Dual-frequency continuous-wave terahertz transmission imaging of nonmelanoma skin cancers <b>2010</b> ,		2
27	Phototoxicity is not associated with photochemical tissue bonding of skin. <i>Lasers in Surgery and Medicine</i> , <b>2010</b> , 42, 123-31	3.6	60
26	Principles of Light-Skin Interactions <b>2009</b> , 1-44		4
25	Delineating melanoma using multimodal polarized light imaging. <i>Lasers in Surgery and Medicine</i> , <b>2009</b> , 41, 10-6	3.6	20
24	Terahertz spectroscopy of intrinsic biomarkers for non-melanoma skin cancer <b>2009</b> ,		12
23	Multimodal optical imaging and spectroscopy for the intraoperative mapping of nonmelanoma skin cancer. <i>Journal of Applied Physics</i> , <b>2009</b> , 105, 102010	2.5	9
22	Photochemical cross-linking for collagen-based scaffolds: a study on optical properties, mechanical properties, stability, and hematocompatibility. <i>Tissue Engineering</i> , <b>2007</b> , 13, 73-85		51
21	Low-level light stimulates excisional wound healing in mice. <i>Lasers in Surgery and Medicine</i> , <b>2007</b> , 39, 706-15	3.6	129

20	Multimodal confocal microscopy for diagnosing nonmelanoma skin cancers. <i>Lasers in Surgery and Medicine</i> , <b>2007</b> , 39, 696-705	3.6	62
19	Fluorescence polarization of tetracycline derivatives as a technique for mapping nonmelanoma skin cancers. <i>Journal of Biomedical Optics</i> , <b>2007</b> , 12, 014005	3.5	35
18	Selective photothermolysis of lipid-rich tissues: a free electron laser study. <i>Lasers in Surgery and Medicine</i> , <b>2006</b> , 38, 913-9	3.6	178
17	Optical properties of normal and cancerous human skin in the visible and near-infrared spectral range. <i>Journal of Biomedical Optics</i> , <b>2006</b> , 11, 064026	3.5	334
16	Dye-enhanced reflectance and fluorescence confocal microscopy as an optical pathology tool <b>2006</b> ,		1
15	Photochemical repair of Achilles tendon rupture in a rat model. <i>Journal of Surgical Research</i> , <b>2005</b> , 124, 274-9	2.5	46
14	Long-pulsed neodymium:yttrium-aluminum-garnet laser treatment for port-wine stains. <i>Journal of the American Academy of Dermatology</i> , <b>2005</b> , 52, 480-90	4.5	142
13	Combining multispectral polarized light imaging and confocal microscopy for localization of nonmelanoma skin cancer. <i>Journal of Biomedical Optics</i> , <b>2005</b> , 10, 14011	3.5	42
12	Optical mapping of nonmelanoma skin cancer <b>2004</b> , 5326, 60		
11	Fluorescence polarization imaging for delineating nonmelanoma skin cancers. <i>Optics Letters</i> , <b>2004</b> , 29, 2010-2	3	55
10	Demarcation of nonmelanoma skin cancer margins in thick excisions using multispectral polarized light imaging. <i>Journal of Investigative Dermatology</i> , <b>2003</b> , 121, 259-66	4.3	69
9	A scattering phase function for blood with physiological haematocrit. <i>Physics in Medicine and Biology</i> , <b>2001</b> , 46, N65-9	3.8	42
8	Scattering delay time of Mie scatterers determined from steady-state and time-resolved optical spectroscopy. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , <b>2000</b> , 17, 745-9	1.8	
7	Influence of the scattering phase function approximation on the optical properties of blood determined from the integrating sphere measurements. <i>Journal of Biomedical Optics</i> , <b>1999</b> , 4, 47-53	3.5	80
6	Treatment planning for MRI-guided laser-induced interstitial thermotherapy of brain tumors--the role of blood perfusion. <i>Journal of Magnetic Resonance Imaging</i> , <b>1998</b> , 8, 121-7	5.6	85
5	Changes in the optical properties of laser-coagulated and thermally coagulated bovine myocardium <b>1998</b> ,		5
4	Optical properties of native and coagulated human brain structures <b>1997</b> ,		11
3	Different phase-function approximations to determine optical properties of blood: a comparison <b>1997</b> , 2982, 324		14

2	Optical properties of blood in the near-infrared spectral range <b>1996</b> ,	49
1	Modeling of MR-guided laser-induced interstitial thermotherapy <b>1996</b> ,	3