

# John C Rasmussen

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

1,622  
citations

471061

17  
h-index

454577

30  
g-index

32  
all docs

32  
docs citations

32  
times ranked

1776  
citing authors

#	ARTICLE	IF	CITATIONS
1	Imaging of Lymph Flow in Breast Cancer Patients after Microdose Administration of a Near-Infrared Fluorophore: Feasibility Study. <i>Radiology</i> , 2008, 246, 734-741.	3.6	292
2	Lymphatic imaging in humans with near-infrared fluorescence. <i>Current Opinion in Biotechnology</i> , 2009, 20, 74-82.	3.3	220
3	Recent progress in the treatment and prevention of cancer-related lymphedema. <i>Ca-A Cancer Journal for Clinicians</i> , 2015, 65, 55-81.	157.7	186
4	Assessment of Lymphatic Contractile Function After Manual Lymphatic Drainage Using Near-Infrared Fluorescence Imaging. <i>Archives of Physical Medicine and Rehabilitation</i> , 2011, 92, 756-764.e1.	0.5	125
5	Human Lymphatic Architecture and Dynamic Transport Imaged Using Near-infrared Fluorescence. <i>Translational Oncology</i> , 2010, 3, 362-IN7.	1.7	116
6	Lymphatic abnormalities are associated with <i>RASA1</i> gene mutations in mouse and man. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 8621-8626.	3.3	116
7	Emerging lymphatic imaging technologies for mouse and man. <i>Journal of Clinical Investigation</i> , 2014, 124, 905-914.	3.9	99
8	A matter of collection and detection for intraoperative and noninvasive near-infrared fluorescence molecular imaging: To see or not to see?. <i>Medical Physics</i> , 2014, 41, 022105.	1.6	46
9	Near-infrared fluorescence imaging of lymphatics in head and neck lymphedema. <i>Head and Neck</i> , 2012, 34, 448-453.	0.9	43
10	Lymphatic transport in patients with chronic venous insufficiency and venous leg ulcers following sequential pneumatic compression. <i>Journal of Vascular Surgery: Venous and Lymphatic Disorders</i> , 2016, 4, 9-17.	0.9	36
11	Determining the Performance of Fluorescence Molecular Imaging Devices Using Traceable Working Standards With SI Units of Radiance. <i>IEEE Transactions on Medical Imaging</i> , 2016, 35, 802-811.	5.4	33
12	Nanotopography-based lymphatic delivery for improved anti-tumor responses to checkpoint blockade immunotherapy. <i>Theranostics</i> , 2019, 9, 8332-8343.	4.6	31
13	An abnormal lymphatic phenotype is associated with subcutaneous adipose tissue deposits in Dercum's disease. <i>Obesity</i> , 2014, 22, 2186-2192.	1.5	30
14	Head and Neck Lymphedema: Treatment Response to Single and Multiple Sessions of Advanced Pneumatic Compression Therapy. <i>Otolaryngology - Head and Neck Surgery</i> , 2019, 160, 622-626.	1.1	28
15	The Role of Lymphatics in Cancer as Assessed by Near-Infrared Fluorescence Imaging. <i>Annals of Biomedical Engineering</i> , 2012, 40, 408-421.	1.3	25
16	Longitudinal monitoring of the head and neck lymphatics in response to surgery and radiation. <i>Head and Neck</i> , 2017, 39, 1177-1188.	0.9	22
17	Assessing lymphatic route of CSF outflow and peripheral lymphatic contractile activity during head-down tilt using near-infrared fluorescence imaging. <i>Physiological Reports</i> , 2020, 8, e14375.	0.7	20
18	Non-invasive fluorescence imaging under ambient light conditions using a modulated ICCD and laser diode. <i>Biomedical Optics Express</i> , 2014, 5, 562.	1.5	19

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19	The Development and Treatment of Lymphatic Dysfunction in Cancer Patients and Survivors. <i>Cancers</i> , 2020, 12, 2280.	1.7	19
20	Lymphatic delivery of etanercept via nanotopography improves response to collagen-induced arthritis. <i>Arthritis Research and Therapy</i> , 2017, 19, 116.	1.6	16
21	Lymphatic function and anatomy in early stages of lipedema. <i>Obesity</i> , 2022, 30, 1391-1400.	1.5	16
22	Effect of pneumatic compression therapy on lymph movement in lymphedema-affected extremities, as assessed by near-infrared fluorescence lymphatic imaging. <i>Journal of Innovative Optical Health Sciences</i> , 2017, 10, 1650049.	0.5	13
23	Near-Infrared Fluorescence Lymphatic Imaging of a Toddler With Congenital Lymphedema. <i>Pediatrics</i> , 2017, 139, e20154456.	1.0	13
24	Degradation of lymphatic anatomy and function in early venous insufficiency. <i>Journal of Vascular Surgery: Venous and Lymphatic Disorders</i> , 2021, 9, 720-730.e2.	0.9	13
25	Evidence for SH2 Domain-Containing 5 $\alpha$ -Inositol Phosphatase-2 (SHIP2) Contributing to a Lymphatic Dysfunction. <i>PLoS ONE</i> , 2014, 9, e112548.	1.1	13
26	Near-Infrared Fluorescence Lymphatic Imaging in Lymphangiomatosis. <i>Lymphatic Research and Biology</i> , 2015, 13, 195-201.	0.5	10
27	Prediction of breast cancer-related lymphedema by dermal backflow detected with near-infrared fluorescence lymphatic imaging. <i>Breast Cancer Research and Treatment</i> , 2022, 195, 33-41.	1.1	10
28	Near-infrared fluorescence lymphatic imaging of Klippel-Tränaunay syndrome. <i>Journal of Vascular Surgery: Venous and Lymphatic Disorders</i> , 2017, 5, 533-537.	0.9	5
29	Lymphatic Dissemination and Axillary Web Syndrome in Primary Cutaneous Tuberculosis Secondary to Needlestick Injury. <i>Open Forum Infectious Diseases</i> , 2021, 8, ofab160.	0.4	4
30	Particle sizing in dense suspensions with multiwavelength photon migration measurements. <i>AIChE Journal</i> , 2005, 51, 1116-1124.	1.8	3
31	Longitudinal monitoring of head and neck lymphatics in response to cancer treatment. <i>Proceedings of SPIE</i> , 2017, , .	0.8	0
32	Abstract P4-11-21: Plasma cytokine levels in breast cancer-related lymphedema patients. <i>Cancer Research</i> , 2022, 82, P4-11-21-P4-11-21.	0.4	0