

Ton G Van Leeuwen

List of Publications by Year in descending order

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Version: 2024-02-01

348
papers

14,721
citations

19657

61
h-index

24982

109
g-index

356
all docs

356
docs citations

356
times ranked

14638
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep Learning-based Recurrence Prediction in Patients with Non-muscle-invasive Bladder Cancer. <i>European Urology Focus</i> , 2022, 8, 165-172.	3.1	22
2	EDTA stabilizes the concentration of platelet-derived extracellular vesicles during blood collection and handling. <i>Platelets</i> , 2022, 33, 764-771.	2.3	12
3	Quantitative Fluorescence Imaging of Perfusion: An Algorithm to Predict Anastomotic Leakage. <i>Life</i> , 2022, 12, 249.	2.4	3
4	Computed Tomography-Mediated Registration of Trapeziometacarpal Articular Cartilage Using Intraarticular Optical Coherence Tomography and Cryomicrotome Imaging: A Cadaver Study. <i>Cartilage</i> , 2021, 13, 563S-570S.	2.7	1
5	Quantification of Light Scattering Detection Efficiency and Background in Flow Cytometry. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2021, 99, 671-679.	1.5	6
6	Quantitative change of perfusion in gastric tube reconstruction by sidestream dark field microscopy (SDF) after esophagectomy, a prospective in-vivo cohort study. <i>European Journal of Surgical Oncology</i> , 2021, 47, 1034-1041.	1.0	8
7	Bayesian analysis of depth resolved OCT attenuation coefficients. <i>Scientific Reports</i> , 2021, 11, 2263.	3.3	6
8	Toward improved endoscopic surveillance with multidiameter single fiber reflectance spectroscopy in patients with Barrett's esophagus. <i>Journal of Biophotonics</i> , 2021, 14, e202000351.	2.3	4
9	Experimental validation of a recently developed model for single-fiber reflectance spectroscopy. <i>Journal of Biomedical Optics</i> , 2021, 26, .	2.6	6
10	The compatibility of immunolabeling with STR profiling. <i>Forensic Science International: Genetics</i> , 2021, 52, 102485.	3.1	3
11	Misinterpretation of solid sphere equivalent refractive index measurements and smallest detectable diameters of extracellular vesicles by flow cytometry. <i>Scientific Reports</i> , 2021, 11, 24151.	3.3	9
12	Validation of Confocal Laser Endomicroscopy Features of Bladder Cancer: The Next Step Towards Real-time Histologic Grading. <i>European Urology Focus</i> , 2020, 6, 81-87.	3.1	26
13	Synchronized Rayleigh and Raman scattering for the characterization of single optically trapped extracellular vesicles. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 24, 102109.	3.3	21
14	Comparison of Optical Imaging Techniques to Quantitatively Assess the Perfusion of the Gastric Conduit during Oesophagectomy. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 5522.	2.5	6
15	Effect of probe pressure on skin tissue optical properties measurement using multi-diameter single fiber reflectance spectroscopy. <i>JPhys Photonics</i> , 2020, 2, 034008.	4.6	5
16	Detection of extracellular vesicles in plasma and urine of prostate cancer patients by flow cytometry and surface plasmon resonance imaging. <i>PLoS ONE</i> , 2020, 15, e0233443.	2.5	17
17	Label-free identification and chemical characterisation of single extracellular vesicles and lipoproteins by synchronous Rayleigh and Raman scattering. <i>Journal of Extracellular Vesicles</i> , 2020, 9, 1730134.	12.2	37
18	En-face optical coherence tomography for the detection of cancer in prostatectomy specimens: Quantitative analysis in 20 patients. <i>Journal of Biophotonics</i> , 2020, 13, e201960105.	2.3	0

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19	A Systematic Approach to Improve Scatter Sensitivity of a Flow Cytometer for Detection of Extracellular Vesicles. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2020, 97, 582-591.	1.5	18
20	Automated Detection and Grading of Non-Muscle-Invasive Urothelial Cell Carcinoma of the Bladder. <i>American Journal of Pathology</i> , 2020, 190, 1483-1490.	3.8	34
21	Cancer-ID: Toward Identification of Cancer by Tumor-Derived Extracellular Vesicles in Blood. <i>Frontiers in Oncology</i> , 2020, 10, 608.	2.8	20
22	Subdiffuse scattering model for single fiber reflectance spectroscopy. <i>Journal of Biomedical Optics</i> , 2020, 25, 1.	2.6	10
23	Parametric imaging of attenuation by optical coherence tomography: review of models, methods, and clinical translation. <i>Journal of Biomedical Optics</i> , 2020, 25, 1.	2.6	51
24	Subdiffuse scattering and absorption model for single fiber reflectance spectroscopy. <i>Biomedical Optics Express</i> , 2020, 11, 6620.	2.9	8
25	Analytical model for diffuse reflectance in single fiber reflectance spectroscopy. <i>Optics Letters</i> , 2020, 45, 2078.	3.3	10
26	Recurrence in Non-Muscle Invasive Bladder Cancer Patients: External Validation of the EORTC, CUETO and EAU Risk Tables and Towards a Non-Linear Survival Model. <i>Bladder Cancer</i> , 2020, 6, 277-284.	0.4	0
27	3D co-registration algorithm for catheter-based optical coherence tomography. <i>OSA Continuum</i> , 2020, 3, 2707.	1.8	2
28	Limitations of Dutch Growth Research Foundation Commercial Software Weight Velocity for Age Standard Deviation Score. <i>American Journal of Case Reports</i> , 2020, 21, e925551.	0.8	0
29	Limitations of Dutch Growth Research Foundation Commercial Software Weight Velocity for Age Standard Deviation Score. <i>American Journal of Case Reports</i> , 2020, 21, e925551.	0.8	0
30	Pilot feasibility study of in vivo intraoperative quantitative optical coherence tomography of human brain tissue during glioma resection. <i>Journal of Biophotonics</i> , 2019, 12, e201900037.	2.3	38
31	Refractive index to evaluate staining specificity of extracellular vesicles by flow cytometry. <i>Journal of Extracellular Vesicles</i> , 2019, 8, 1643671.	12.2	48
32	Estimation of microvascular perfusion after esophagectomy: a quantitative model of dynamic fluorescence imaging. <i>Medical and Biological Engineering and Computing</i> , 2019, 57, 1889-1900.	2.8	11
33	Toward Automated <i>In Vivo</i> Bladder Tumor Stratification Using Confocal Laser Endomicroscopy. <i>Journal of Endourology</i> , 2019, 33, 930-937.	2.1	13
34	Deep learning for automatic Gleason pattern classification for grade group determination of prostate biopsies. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2019, 475, 77-83.	2.8	94
35	Weight velocity equations with 14-44 days time separated weights should not be used for infants under 3 years of age. <i>Medical Hypotheses</i> , 2019, 129, 109234.	1.5	3
36	The First <i>In Vivo</i> Needle-Based Optical Coherence Tomography in Human Prostate: A Safety and Feasibility Study. <i>Lasers in Surgery and Medicine</i> , 2019, 51, 390-398.	2.1	9

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37	Optical coherence tomography to detect acute esophageal radiation-induced damage in mice: A validation study. <i>Journal of Biophotonics</i> , 2019, 12, e201800440.	2.3	5
38	Refractive index measurement using single fiber reflectance spectroscopy. <i>Journal of Biophotonics</i> , 2019, 12, e201900019.	2.3	21
39	Three-dimensional histopathological reconstruction of bladder tumours. <i>Diagnostic Pathology</i> , 2019, 14, 25.	2.0	18
40	Grading upper tract urothelial carcinoma with the attenuation coefficient of in vivo optical coherence tomography. <i>Lasers in Surgery and Medicine</i> , 2019, 51, 399-406.	2.1	13
41	Estimating the Time of Deposition of Semen Traces using Fluorescence Protein-Lipid Oxidation Signatures. <i>Analytical Chemistry</i> , 2019, 91, 3204-3208.	6.5	9
42	Limitations of Weight Velocity Analysis by Commercial Computer Program Growth Analyser Viewer Edition. <i>Annals of Biomedical Engineering</i> , 2019, 47, 297-305.	2.5	3
43	Multiplex body fluid identification using surface plasmon resonance imaging with principal component analysis. <i>Sensors and Actuators B: Chemical</i> , 2019, 283, 355-362.	7.8	13
44	One-to-one registration of en face optical coherence tomography attenuation coefficients with histology of a prostatectomy specimen. <i>Journal of Biophotonics</i> , 2019, 12, e201800274.	2.3	10
45	Prediction of DNA concentration in fingermarks using autofluorescence properties. <i>Forensic Science International</i> , 2019, 295, 128-136.	2.2	10
46	Decreasing the Size of a Spectral Domain Optical Coherence Tomography System With Cascaded Arrayed Waveguide Gratings in a Photonic Integrated Circuit. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2019, 25, 1-9.	2.9	11
47	Multidiameter single-fiber reflectance spectroscopy of heavily pigmented skin: modeling the inhomogeneous distribution of melanin. <i>Journal of Biomedical Optics</i> , 2019, 24, 1.	2.6	9
48	Simple and robust calibration procedure for k-linearization and dispersion compensation in optical coherence tomography. <i>Journal of Biomedical Optics</i> , 2019, 24, 1.	2.6	23
49	Improved forward scatter detection of a flow cytometer for detection of extracellular vesicles. , 2019, , .		0
50	Pathlength distribution of (sub)diffusively reflected light. , 2019, , .		1
51	Intraoperative evaluation of perfusion in free flap surgery: A systematic review and meta-analysis. <i>Microsurgery</i> , 2018, 38, 804-818.	1.3	44
52	Standardization of extracellular vesicle measurements by flow cytometry through vesicle diameter approximation. <i>Journal of Thrombosis and Haemostasis</i> , 2018, 16, 1236-1245.	3.8	130
53	Comparison of Generic Fluorescent Markers for Detection of Extracellular Vesicles by Flow Cytometry. <i>Clinical Chemistry</i> , 2018, 64, 680-689.	3.2	76
54	Sex determination from fingermarks using fluorescent in situ hybridization. <i>Analytical Methods</i> , 2018, 10, 1413-1419.	2.7	6

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55	On-chip Mach-Zehnder interferometer for OCT systems. <i>Advanced Optical Technologies</i> , 2018, 7, 103-106.	1.7	11
56	Absolute sizing and label-free identification of extracellular vesicles by flow cytometry. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 801-810.	3.3	105
57	Optical techniques for perfusion monitoring of the gastric tube after esophagectomy: a review of technologies and thresholds. <i>Ecological Management and Restoration</i> , 2018, 31, .	0.4	41
58	Effect of ephedrine on gastric conduit perfusion measured by laser speckle contrast imaging after esophagectomy: a prospective in vivo cohort study. <i>Ecological Management and Restoration</i> , 2018, 31, .	0.4	9
59	An In-vivo Prospective Study of the Diagnostic Yield and Accuracy of Optical Biopsy Compared with Conventional Renal Mass Biopsy for the Diagnosis of Renal Cell Carcinoma: The Interim Analysis. <i>European Urology Focus</i> , 2018, 4, 978-985.	3.1	9
60	Dual excitation wavelength system for combined fingerprint and high wavenumber Raman spectroscopy. <i>Analyst, The</i> , 2018, 143, 6049-6060.	3.5	30
61	VS03.01: QUANTITATIVE IMAGING OF CHANGE IN MICROCIRCULATION BY SIDESTREAM DARK FIELD MICROSCOPY (SDF) AFTER ESOPHAGECTOMY. <i>Ecological Management and Restoration</i> , 2018, 31, 47-48.	0.4	0
62	FA05.03: EFFECT OF EPHEDRINE ON GASTRIC CONDUIT PERFUSION MEASURED BY LASER SPECKLE CONTRAST IMAGING (LSCO) AFTER ESOPHAGECTOMY: A PROSPECTIVE IN-VIVO COHORT STUDY. <i>Ecological Management and Restoration</i> , 2018, 31, 10-10.	0.4	2
63	PS01.186: QUANTITATIVE PERFUSION EVALUATION AFTER GASTRIC TUBE RECONSTRUCTION USING FLUORESCENCE IMAGING. <i>Ecological Management and Restoration</i> , 2018, 31, 102-103.	0.4	1
64	Centrifugation affects the purity of liquid biopsy-based tumor biomarkers. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2018, 93, 1207-1212.	1.5	37
65	Deriving Extracellular Vesicle Size From Scatter Intensities Measured by Flow Cytometry. <i>Current Protocols in Cytometry</i> , 2018, 86, e43.	3.7	47
66	Identification and detection of protein markers to differentiate between forensically relevant body fluids. <i>Forensic Science International</i> , 2018, 290, 196-206.	2.2	25
67	Feasibility of Optical Coherence Tomography (OCT) for Intra-Operative Detection of Blood Flow during Gastric Tube Reconstruction. <i>Sensors</i> , 2018, 18, 1331.	3.8	11
68	Feasibility of using optical coherence tomography to detect radiation-induced fibrosis and residual cancer extent after neoadjuvant chemo-radiation therapy: an ex vivo study. <i>Biomedical Optics Express</i> , 2018, 9, 4196.	2.9	4
69	Hollow organosilica beads as reference particles for optical detection of extracellular vesicles. <i>Journal of Thrombosis and Haemostasis</i> , 2018, 16, 1646-1655.	3.8	44
70	Periocular CO ₂ laser resurfacing: severe ocular complications from multiple unintentional laser impacts on the protective metal eye shields. <i>Lasers in Surgery and Medicine</i> , 2018, 50, 980-986.	2.1	13
71	Feasibility of using optical coherence tomography to detect acute radiation-induced esophageal damage in small animal models. <i>Journal of Biomedical Optics</i> , 2018, 23, 1.	2.6	5
72	Needle-based optical coherence tomography for the detection of prostate cancer: a visual and quantitative analysis in 20 patients. <i>Journal of Biomedical Optics</i> , 2018, 23, 1.	2.6	17

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73	Confocal Laser Endomicroscopy for the Diagnosis of Urothelial Carcinoma in the Bladder and the Upper Urinary Tract: Protocols for Two Prospective Explorative Studies. JMIR Research Protocols, 2018, 7, e34.	1.0	13
74	Confocal Laser Endomicroscopy and Optical Coherence Tomography for the Diagnosis of Prostate Cancer: A Needle-Based, In Vivo Feasibility Study Protocol (IDEAL Phase 2A). JMIR Research Protocols, 2018, 7, e132.	1.0	7
75	Ex-vivo study in nephroureterectomy specimens defining the role of 3-D upper urinary tract visualization using optical coherence tomography and endoluminal ultrasound. Journal of Medical Imaging, 2018, 5, 1.	1.5	3
76	Spectral domain, common path OCT in a handheld PIC based system. , 2018, , .		2
77	Customized Tool for the Validation of Optical Coherence Tomography in Differentiation of Prostate Cancer. Technology in Cancer Research and Treatment, 2017, 16, 57-65.	1.9	13
78	Noninvasive fluence rate mapping in living tissues using magnetic resonance thermometry. Journal of Biomedical Optics, 2017, 22, 036001.	2.6	3
79	Methodological Guidelines to Study Extracellular Vesicles. Circulation Research, 2017, 120, 1632-1648.	4.5	728
80	Modeling subdiffusive light scattering by incorporating the tissue phase function and detector numerical aperture. Journal of Biomedical Optics, 2017, 22, 050501.	2.6	17
81	Integrated-optics based multi-beam imaging for speed improvement of OCT systems. Proceedings of SPIE, 2017, , .	0.8	0
82	Visibility of fiducial markers used for image-guided radiation therapy on optical coherence tomography for registration with CT: An esophageal phantom study. Medical Physics, 2017, 44, 6570-6582.	3.0	10
83	Surface Plasmon Resonance is an Analytically Sensitive Method for Antigen Profiling of Extracellular Vesicles. Clinical Chemistry, 2017, 63, 1633-1641.	3.2	31
84	OCT Amplitude and Speckle Statistics of Discrete Random Media. Scientific Reports, 2017, 7, 14873.	3.3	34
85	Autofluorescence imaging for improved visualization of joint structures during arthroscopic surgery. Journal of Experimental Orthopaedics, 2017, 4, 19.	1.8	4
86	Current position of diagnostics and surgical treatment for upper tract urothelial carcinoma. Minerva Urology and Nephrology, 2017, 69, 159-165.	2.5	4
87	Can we predict necrosis intra-operatively? Real-time optical quantitative perfusion imaging in surgery: study protocol for a prospective, observational, in vivo pilot study. Pilot and Feasibility Studies, 2017, 3, 65.	1.2	9
88	Single fiber reflectance spectroscopy calibration. Journal of Biomedical Optics, 2017, 22, 1.	2.6	13
89	Special Section Guest Editorial: Commemorating 25 Years of Optical Coherence Tomography: a Perspective on Biomedical Applications. Journal of Biomedical Optics, 2017, 22, 1.	2.6	1
90	Quantitative attenuation analysis for identification of early Barrett's neoplasia in volumetric laser endomicroscopy. Journal of Biomedical Optics, 2017, 22, 086001.	2.6	10

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91	Applicability of quantitative optical imaging techniques for intraoperative perfusion diagnostics: a comparison of laser speckle contrast imaging, sidestream dark-field microscopy, and optical coherence tomography. <i>Journal of Biomedical Optics</i> , 2017, 22, 1.	2.6	12
92	Irreversible Electroporation for the Ablation of Renal Cell Carcinoma: A Prospective, Human, In Vivo Study Protocol (IDEAL Phase 2b). <i>JMIR Research Protocols</i> , 2017, 6, e21.	1.0	18
93	Assesment of apoptosis induced changes in scattering using optical coherence tomography. <i>Journal of Biophotonics</i> , 2016, 9, 913-923.	2.3	8
94	Wound scabs protect regenerating tissue against harmful ultraviolet radiation. <i>Medical Hypotheses</i> , 2016, 96, 39-41.	1.5	1
95	Prostate cancer diagnosis by optical coherence tomography: First results from a needle based optical platform for tissue sampling. <i>Journal of Biophotonics</i> , 2016, 9, 490-498.	2.3	24
96	Optical Coherence Tomography as a Tool for In Vivo Staging and Grading of Upper Urinary Tract Urothelial Carcinoma: A Study of Diagnostic Accuracy. <i>Journal of Urology</i> , 2016, 196, 1749-1755.	0.4	38
97	Measurement of biofilm growth and local hydrodynamics using optical coherence tomography. <i>Biomedical Optics Express</i> , 2016, 7, 3508.	2.9	20
98	Quantitative blood flow velocity imaging using laser speckle flowmetry. <i>Scientific Reports</i> , 2016, 6, 25258.	3.3	58
99	Volumetric laser endomicroscopy in Barrett's esophagus: a feasibility study on histological correlation. <i>Ecological Management and Restoration</i> , 2016, 29, 505-512.	0.4	22
100	Chip based common-path optical coherence tomography system with an on-chip microlens and multi-reference suppression algorithm. <i>Optics Express</i> , 2016, 24, 12635.	3.4	10
101	Quantification of numerical aperture-dependence of the OCT attenuation coefficient (Conference) Tj ETQq1 1 0.784314 rgBT ₀ /Overlook		
102	Fluorescence characteristics of human Barrett tissue specimens grafted on chick chorioallantoic membrane. <i>Lasers in Medical Science</i> , 2016, 31, 137-144.	2.1	4
103	Detecting signs of retinal leakage in exudative AMD using Cirrus OCT versus SL SCAN-1, a novel integrated FD-OCT into a common slit lamp. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2016, 254, 37-41.	1.9	0
104	Techniques that acquire donor profiling information from fingermarks " A review. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2016, 56, 143-154.	2.1	43
105	Quantitative Assessment of Optical Properties in Healthy Cartilage and Repair Tissue by Optical Coherence Tomography and Histology. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2016, 22, 203-209.	2.9	1
106	Percutaneous Needle Based Optical Coherence Tomography for the Differentiation of Renal Masses: a Pilot Cohort. <i>Journal of Urology</i> , 2016, 195, 1578-1585.	0.4	15
107	On the autofluorescence of aged fingermarks. <i>Forensic Science International</i> , 2016, 258, 19-25.	2.2	23
108	Detection of buried Barrett's glands after radiofrequency ablation with volumetric laser endomicroscopy. <i>Gastrointestinal Endoscopy</i> , 2016, 83, 80-88.	1.0	52

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109	The Value of Optical Coherence Tomography in Determining Surgical Margins in Squamous Cell Carcinoma of the Vulva: A Single-Center Prospective Study. <i>International Journal of Gynecological Cancer</i> , 2015, 25, 112-118.	2.5	14
110	Irreversible electroporation: Just another form of thermal therapy?. <i>Prostate</i> , 2015, 75, 332-335.	2.3	34
111	Photoacoustic image patterns of breast carcinoma and comparisons with Magnetic Resonance Imaging and vascular stained histopathology. <i>Scientific Reports</i> , 2015, 5, 11778.	3.3	111
112	In Vivo, Percutaneous, Needle Based, Optical Coherence Tomography of Renal Masses. <i>Journal of Visualized Experiments</i> , 2015, , .	0.3	10
113	Functional optical coherence tomography of pigmented lesions. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2015, 29, 738-744.	2.4	15
114	Prostate cancer diagnosis: the feasibility of needle-based optical coherence tomography. <i>Journal of Medical Imaging</i> , 2015, 2, 037501.	1.5	28
115	Learning curve and interobserver variance in quantification of the optical coherence tomography attenuation coefficient. <i>Journal of Biomedical Optics</i> , 2015, 20, 121313.	2.6	6
116	Validation of quantitative attenuation and backscattering coefficient measurements by optical coherence tomography in the concentration-dependent and multiple scattering regime. <i>Journal of Biomedical Optics</i> , 2015, 20, 121314.	2.6	55
117	Comparison of optical coherence tomography and histopathology in quantitative assessment of goat talus articular cartilage. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2015, 86, 257-263.	3.3	21
118	Su1723 Atlas of High-Quality Histological Correlations of Volumetric LASER Endomicroscopy Images of Barrett's Esophagus for Identification of Early Neoplasia. <i>Gastrointestinal Endoscopy</i> , 2015, 81, AB391-AB392.	1.0	0
119	Irreversible electroporation of the porcine kidney: Temperature development and distribution. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2015, 33, 168.e1-168.e7.	1.6	38
120	The efficacy and safety of irreversible electroporation for the ablation of renal masses: a prospective, human, in-vivo study protocol. <i>BMC Cancer</i> , 2015, 15, 165.	2.6	23
121	Simultaneous and localized measurement of diffusion and flow using optical coherence tomography. <i>Optics Express</i> , 2015, 23, 3448.	3.4	32
122	Visualization of Latent Blood Stains Using Visible Reflectance Hyperspectral Imaging and Chemometrics. <i>Journal of Forensic Sciences</i> , 2015, 60, S188-92.	1.6	23
123	Optical Diagnostics for Upper Urinary Tract Urothelial Cancer: Technology, Thresholds, and Clinical Applications. <i>Journal of Endourology</i> , 2015, 29, 113-123.	2.1	50
124	Optical coherence tomography accurately identifies patients with penile (pre) malignant lesions: A single center prospective study. <i>Urology Annals</i> , 2015, 7, 459.	0.6	6
125	Treatment of coronary bifurcation lesions with the Absorb bioresorbable vascular scaffold in combination with the Tryton dedicated coronary bifurcation stent: evaluation using two- and three-dimensional optical coherence tomography. <i>EuroIntervention</i> , 2015, 11, 877-884.	3.2	13
126	Ultra-compact silicon photonic integrated interferometer for swept-source optical coherence tomography. <i>Optics Letters</i> , 2014, 39, 5228.	3.3	43

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127	Quantitative comparison of analysis methods for spectroscopic optical coherence tomography: reply to comment. <i>Biomedical Optics Express</i> , 2014, 5, 3034.	2.9	5
128	Monte Carlo simulations shed light on Bathsheba's suspect breast. <i>Journal of Biophotonics</i> , 2014, 7, 323-331.	2.3	2
129	Side branch healing patterns of the Tryton dedicated bifurcation stent: a 1-year optical coherence tomography follow-up study. <i>International Journal of Cardiovascular Imaging</i> , 2014, 30, 1445-1456.	1.5	7
130	Reproducible extracellular vesicle size and concentration determination with tunable resistive pulse sensing. <i>Journal of Extracellular Vesicles</i> , 2014, 3, 25922.	12.2	126
131	A literature review and novel theoretical approach on the optical properties of whole blood. <i>Lasers in Medical Science</i> , 2014, 29, 453-479.	2.1	310
132	Senile retinoschisis versus retinal detachment, the additional value of peripheral retinal OCT scans (SL SCAN [®] , Topcon). <i>Acta Ophthalmologica</i> , 2014, 92, 221-227.	1.1	23
133	Particle size distribution of exosomes and microvesicles determined by transmission electron microscopy, flow cytometry, nanoparticle tracking analysis, and resistive pulse sensing. <i>Journal of Thrombosis and Haemostasis</i> , 2014, 12, 1182-1192.	3.8	698
134	Immunolabeling of fingermarks left on forensic relevant surfaces, including thermal paper. <i>Analytical Methods</i> , 2014, 6, 1051.	2.7	14
135	Immunolabeling and the compatibility with a variety of fingerprint development techniques. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2014, 54, 356-362.	2.1	15
136	Refractive Index Determination of Nanoparticles in Suspension Using Nanoparticle Tracking Analysis. <i>Nano Letters</i> , 2014, 14, 6195-6201.	9.1	161
137	Oxidation Monitoring by Fluorescence Spectroscopy Reveals the Age of Fingermarks. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 6272-6275.	13.8	51
138	Comparison of retinal nerve fiber layer thickness measurements by spectral [®] domain optical coherence tomography systems using a phantom eye model. <i>Journal of Biophotonics</i> , 2013, 6, 314-320.	2.3	19
139	Infrared Imaging of the Crime Scene: Possibilities and Pitfalls. <i>Journal of Forensic Sciences</i> , 2013, 58, 1156-1162.	1.6	27
140	Simultaneous labeling of multiple components in a single fingerprint. <i>Forensic Science International</i> , 2013, 232, 173-179.	2.2	24
141	Dependent and multiple scattering in transmission and backscattering optical coherence tomography. <i>Optics Express</i> , 2013, 21, 29145.	3.4	51
142	Volumetric In [®] Vivo Visualization of Upper Urinary Tract Tumors Using Optical Coherence Tomography: A Pilot Study. <i>Journal of Urology</i> , 2013, 190, 2236-2242.	0.4	66
143	An optimized ultrasound detector for photoacoustic breast tomography. <i>Medical Physics</i> , 2013, 40, 032901.	3.0	41
144	Evaluation of superparamagnetic iron oxide nanoparticles (Endorem [®]) as a photoacoustic contrast agent for intra [®] operative nodal staging. <i>Contrast Media and Molecular Imaging</i> , 2013, 8, 83-91.	0.8	63

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145	Su1451 Endoscopic Multi-Wavelength Autofluorescence Spectroscopy Can Adequately Identify Premalignant Lesions in Barrett's Esophagus. <i>Gastrointestinal Endoscopy</i> , 2013, 77, AB328.	1.0	0
146	Successful treatment of a long tapered lesion with two overlapping ABSORBÂ® bioresorbable vascular scaffolds of different diameters: Evaluation by three-dimensional optical coherence tomography. <i>International Journal of Cardiology</i> , 2013, 165, e26-e27.	1.7	5
147	The Compatibility of Fingerprint Visualization Techniques with Immunolabeling. <i>Journal of Forensic Sciences</i> , 2013, 58, 999-1002.	1.6	21
148	Optical biopsy of epithelial cancers by optical coherence tomography (OCT). <i>Lasers in Medical Science</i> , 2013, 29, 1297-305.	2.1	40
149	Design considerations for ultrasound detectors in photoacoustic breast imaging. , 2013, , .		1
150	Diffuse reflectance relations based on diffusion dipole theory for large absorption and reduced scattering. <i>Journal of Biomedical Optics</i> , 2013, 18, 087007.	2.6	1
151	Quantitative laser speckle flowmetry of the in vivo microcirculation using sidestream dark field microscopy. <i>Biomedical Optics Express</i> , 2013, 4, 2347.	2.9	30
152	Design and evaluation of a laboratory prototype system for 3D photoacoustic full breast tomography. <i>Biomedical Optics Express</i> , 2013, 4, 2555.	2.9	36
153	Quantitative comparison of analysis methods for spectroscopic optical coherence tomography. <i>Biomedical Optics Express</i> , 2013, 4, 2570.	2.9	33
154	Optimized endoscopic autofluorescence spectroscopy for the identification of premalignant lesions in Barrett's oesophagus. <i>European Journal of Gastroenterology and Hepatology</i> , 2013, 25, 1442-1449.	1.6	8
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