

Martin J Leahy

List of Publications by Year in descending order

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176
papers

5,550
citations

136950

32
h-index

82547

72
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201
all docs

201
docs citations

201
times ranked

6247
citing authors

#	ARTICLE	IF	CITATIONS
1	Simple Characterization Scheme for Optical Coherence Tomography Systems With Application to a Commercial and a Near-Isometric Resolution Fibre-Based System. IEEE Photonics Journal, 2022, 14, 1-11.	2.0	1
2	Evaluation of Signal Degradation Due to Birefringence in a Multiple Reference Optical Coherence Tomography System With Polarization-Based Balanced Detection. IEEE Photonics Journal, 2022, 14, 1-12.	2.0	1
3	Characterization of nanosensitive multifractality in submicron scale tissue morphology and its alteration in tumor progression. Journal of Biomedical Optics, 2021, 26, .	2.6	6
4	Accessing depth-resolved high spatial frequency content from the optical coherence tomography signal. Scientific Reports, 2021, 11, 17123.	3.3	6
5	Contrast agents for photoacoustic imaging: a review of stem cell tracking. Stem Cell Research and Therapy, 2021, 12, 511.	5.5	18
6	Nanoscale structure detection and monitoring of tumour growth with optical coherence tomography. Nanoscale Advances, 2020, 2, 2853-2858.	4.6	6
7	Noninvasive detection of nanoscale structural changes in cornea associated with cross-linking treatment. Journal of Biophotonics, 2020, 13, e201960234.	2.3	8
8	Nanosensitive optical coherence tomography to assess wound healing within the cornea. Biomedical Optics Express, 2020, 11, 3407.	2.9	17
9	Development of HR-SD-OCT system using supercontinuum light source and its application in detecting nanoscale changes. , 2020, , .		1
10	Application of over-sampling nano-sensitive optical coherence tomography for monitoring corneal internal structural changes in corneal cross-linking. , 2020, , .		0
11	Spatial frequency domain correlation mapping optical coherence tomography for nanoscale structural characterization. Applied Physics Letters, 2019, 115, .	3.3	10
12	Label Free Ultra-Sensitive Imaging with Sub-Diffraction Spatial Resolution. , 2019, , .		0
13	Nano sensitive study and fractal analysis of segmented retinal layers in Fourier domain OCT: promises for early disease detection. , 2019, , .		0
14	Correlation mapping nano-sensitive optical coherence tomography (cm-nsOCT): a novel technique for structural characterization. , 2019, , .		0
15	Optoacoustic guidance for stem cell therapy. , 2019, , .		0
16	Label-free ultra-sensitive visualization of structure below the diffraction resolution limit. Journal of Biophotonics, 2018, 11, e201700385.	2.3	7
17	Employing mesenchymal stem cells to support tumor-targeted delivery of extracellular vesicle (EV)-encapsulated microRNA-379. Oncogene, 2018, 37, 2137-2149.	5.9	150
18	Performance Review of Multiple Reference Versus Time Domain Optical Coherence Tomography. IEEE Photonics Journal, 2018, 10, 1-14.	2.0	5

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19	Photoacoustic cardiovascular imaging: a new technique for imaging of atherosclerosis and vulnerable plaque detection. Biomedical Physics and Engineering Express, 2018, 4, 032002.	1.2	9
20	Feasibility of correlation mapping optical coherence tomography angiographic technique using a 200â€‰kHz vertical-cavity surface-emitting laser source for in vivo microcirculation imaging applications. Applied Optics, 2018, 57, E224.	1.8	3
21	Characterization of an amplified piezoelectric actuator for multiple-reference optical coherence tomography. Applied Optics, 2018, 57, E142.	1.8	1
22	Optics in Ireland: introduction to the feature issue. Applied Optics, 2018, 57, IRE1.	1.8	0
23	Application of cmOCT and continuous wavelet transform analysis to the assessment of skin microcirculation dynamics. Journal of Biomedical Optics, 2018, 23, 1.	2.6	9
24	Preoperative measurement of cutaneous melanoma and nevi thickness with photoacoustic imaging. Journal of Medical Imaging, 2018, 5, 1.	1.5	23
25	In-vivo assessment of microvascular functional dynamics by combination of cmOCT and wavelet transform. , 2018, , .		2
26	Front Matter: Volume 10493. , 2018, , .		0
27	Dual plasmonic gold nanostars for photoacoustic imaging and photothermal therapy. Nanomedicine, 2017, 12, 457-471.	3.3	34
28	Comparing an FFT filter for multiple reference optical coherence tomography (MR-OCT) with an Chebychev and an elliptic filter. , 2017, , .		1
29	Front Matter: Volume 10063. Proceedings of SPIE, 2017, , .	0.8	0
30	A special issue on Biophotonics in Europe. Frontiers of Optoelectronics, 2017, 10, 203-210.	3.7	2
31	Real-Time Experimental Measurement of Swept Source VCSEL Properties Relevant to OCT Imaging. IEEE Photonics Journal, 2017, 9, 1-10.	2.0	8
32	Simultaneous en-face imaging of multiple layers with multiple reference optical coherence tomography. Journal of Biomedical Optics, 2017, 22, 1.	2.6	7
33	Feasibility study of phase-sensitive imaging based on multiple reference optical coherence tomography. Chinese Optics Letters, 2017, 15, 090007.	2.9	0
34	Special Section Guest Editorial: Advanced Laser Technologies for Biophotonics. Journal of Biomedical Optics, 2017, 22, 1.	2.6	0
35	Quantitative assessment of rat corneal thickness and morphology during stem cell therapy by high-speed optical coherence tomography. , 2016, , .		1
36	Development of a first-generation miniature multiple reference optical coherence tomography imaging device. Journal of Biomedical Optics, 2016, 21, 126020.	2.6	14

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37	Functional imaging for regenerative medicine. <i>Stem Cell Research and Therapy</i> , 2016, 7, 57.	5.5	24
38	The how and why of a \$10 optical coherence tomography system. , 2016, , .		5
39	In vivo correlation mapping microscopy. <i>Journal of Biomedical Optics</i> , 2016, 21, 1.	2.6	1
40	To assess the reparative ability of differentiated mesenchymal stem cells in a rat critical size bone repair defect model using high frequency co-registered photoacoustic/ultrasound imaging and micro computed tomography. <i>Proceedings of SPIE</i> , 2016, , .	0.8	1
41	Enhancement of OCT imaging by blood optical clearing in vessels – A feasibility study. <i>Photonics & Lasers in Medicine</i> , 2016, 5, .	0.2	7
42	Phase-sensitive multiple reference optical coherence tomography (Conference Presentation). , 2016, , .		0
43	Assessment of curing behavior of light-activated dental composites using intensity correlation based multiple reference optical coherence tomography. <i>Lasers in Surgery and Medicine</i> , 2016, 48, 77-82.	2.1	13
44	Enhanced in vivo visualization of the microcirculation by topical application of fructose solution confirmed with correlation mapping optical coherence tomography. <i>Journal of Biomedical Optics</i> , 2016, 21, 081212.	2.6	8
45	An Updated Review of Methods and Advancements in Microvascular Blood Flow Imaging. <i>Microcirculation</i> , 2016, 23, 345-363.	1.8	22
46	Evaluation of a polarization sensitive multiple reference optical coherence tomography system. , 2016, , .		0
47	Front Matter: Volume 9707. <i>Proceedings of SPIE</i> , 2016, , .	0.8	0
48	Optimization of modified scanning protocol based correlation mapping optical coherence tomography at 200 kHz VCSEL source for in vivo microcirculation imaging applications. , 2016, , .		0
49	Whole-body magnetic resonance imaging in myxoid liposarcoma: A useful adjunct for the detection of extra-pulmonary metastatic disease. <i>European Journal of Surgical Oncology</i> , 2016, 42, 574-580.	1.0	28
50	Novel contrast mechanism for label free super-resolution imaging. , 2016, , .		0
51	Depth-dependent displacement sensitivity analysis and the influence of Doppler angle for quantitative assessment of mechanical properties using phase-sensitive spectral domain optical coherence tomography. <i>Proceedings of SPIE</i> , 2016, , .	0.8	0
52	Development of a miniature multiple reference optical coherence tomography imaging device. , 2016, , .		0
53	The impact of relative intensity noise on the signal in multiple reference optical coherence tomography. , 2016, , .		1
54	Burkitt leukaemia/lymphoma: R-CODOX-M/R-IVAC remains gold standard treatment in BL. <i>Irish Journal of Medical Science</i> , 2016, 185, 773-777.	1.5	3

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55	- Speckle in Optical Coherence Tomography. , 2016, , 231-298.		1
56	Novel approach for label free super-resolution imaging in far field. Scientific Reports, 2015, 5, 13274.	3.3	19
57	Characterization of light distribution and optimization of detector position for multiple reference optical coherence tomography. Proceedings of SPIE, 2015, , .	0.8	0
58	Signal simulation and signal processing for multiple reference optical coherence tomography. Proceedings of SPIE, 2015, , .	0.8	0
59	Front Matter: Volume 9322. Proceedings of SPIE, 2015, , .	0.8	1
60	Correlation mapping microscopy. , 2015, , .		1
61	3D nondestructive testing system with an affordable multiple reference optical-delay-based optical coherence tomography. Applied Optics, 2015, 54, 5634.	2.1	15
62	Developing cross-correlation as a method for microvessel imaging using clinical intravascular optical coherence tomography systems. Biomedical Optics Express, 2015, 6, 668.	2.9	3
63	Assessment of cutaneous melanoma and pigmented skin lesions with photoacoustic imaging. Proceedings of SPIE, 2015, , .	0.8	4
64	Clinical Characteristics, Treatment and Outcomes for Patients with Myelodysplastic Syndromes and Chromosome 5q Abnormalities in the Republic of Ireland. Blood, 2015, 126, 5258-5258.	1.4	0
65	Nanosensitive optical coherence tomography for the study of changes in static and dynamic structures. Quantum Electronics, 2014, 44, 657-663.	1.0	15
66	Measurement of the blood flow rate and velocity in coronary artery stenosis using intracoronary frequency domain optical coherence tomography: Validation against fractional flow reserve. IJC Heart and Vasculature, 2014, 5, 68-71.	1.1	22
67	Comparison of frequency domain optical coherence tomography and quantitative coronary angiography for the assessment of coronary lesions. Proceedings of SPIE, 2014, , .	0.8	0
68	Dermscope assisted interactive patient interface for multiple reference optical coherence tomography. , 2014, , .		0
69	High-sensitive full-range optical vibrometry based on Fourier-domain optical coherence tomography. Proceedings of SPIE, 2014, , .	0.8	0
70	Dual plasmonic gold nanoparticles for multispectral photoacoustic imaging application. , 2014, , .		2
71	Dermscope guided multiple reference optical coherence tomography. Biomedical Optics Express, 2014, 5, 2870.	2.9	20
72	Nano-sensitive optical coherence tomography (nsOCT) for depth resolved characterization of 3D submicron structure. , 2014, , .		0

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73	Variation in cross-correlation as a discriminator for microvessel imaging using clinical intravascular optical coherence tomography systems. , 2014, , .		3
74	Photothermal optical coherence tomography for depth-resolved imaging of mesenchymal stem cells via single wall carbon nanotubes. Proceedings of SPIE, 2014, , .	0.8	2
75	Linear-array-based photoacoustic imaging of human microcirculation with a range of high frequency transducer probes. Journal of Biomedical Optics, 2014, 20, 1.	2.6	32
76	Imaging mesenchymal stem cells containing single wall nanotube nanoprobe in a 3D scaffold using photo-thermal optical coherence tomography. Proceedings of SPIE, 2014, , .	0.8	0
77	Nano-sensitive optical coherence tomography. Nanoscale, 2014, 6, 3545-3549.	5.6	33
78	Assessment of psoriatic plaque <i>in vivo</i> with correlation mapping optical coherence tomography. Skin Research and Technology, 2014, 20, 141-146.	1.6	9
79	Towards Optical Monitoring of Vanadium Redox Flow Batteries (VRFBs): An Investigation of the Underlying Spectroscopy. Journal of the Electrochemical Society, 2014, 161, A524-A534.	2.9	64
80	Flow and mass transfer modelling for copper electrowinning: development of instabilities along electrodes. Hydrometallurgy, 2014, 147-148, 41-53.	4.3	10
81	Evaluation of hemodynamically severe coronary stenosis as determined by fractional flow reserve with frequency domain optical coherence tomography measured anatomical parameters. Journal of Cardiology, 2014, 64, 19-24.	1.9	35
82	Voice coil based robust and miniature optical delay for multiple reference optical coherence tomography. , 2014, , .		0
83	High resolution coherence domain depth-resolved nailfold capillaroscopy based on correlation mapping optical coherence tomography. , 2014, , .		0
84	Photoacoustic imaging of the human forearm using 40 MHz linear-array transducer. Proceedings of SPIE, 2014, , .	0.8	2
85	Feasibility of Intracoronary Frequency Domain Optical Coherence Tomography Derived Fractional Flow Reserve for the Assessment of Coronary Artery Stenosis. International Heart Journal, 2014, 55, 307-311.	1.0	16
86	Go with the flow™: A review of methods and advancements in blood flow imaging. Journal of Biophotonics, 2013, 6, 217-255.	2.3	91
87	A multicentre retrospective study of rituximab use in the treatment of relapsed or resistant warm autoimmune haemolytic anaemia. British Journal of Haematology, 2013, 163, 118-122.	2.5	50
88	Feasibility of correlation mapping optical coherence tomography (cmOCT) for anti-spoof sub-surface fingerprinting. Journal of Biophotonics, 2013, 6, 663-667.	2.3	28
89	Spectroscopic Study of Vanadium Electrolytes in Vanadium Redox Flow Battery (VRFB). ECS Transactions, 2013, 45, 25-36.	0.5	27
90	Multiple reference optical coherence tomography (MR-OCT) system. Proceedings of SPIE, 2013, , .	0.8	10

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91	High-speed high-sensitivity spectral-domain correlation mapping optical coherence tomography based modified scanning protocol. , 2013, , .		2
92	Modelling cerebral blood oxygenation using Monte Carlo XYZ-PA. Proceedings of SPIE, 2013, , .	0.8	2
93	Front Matter: Volume 8580. , 2013, , .		0
94	In vivo microcirculation imaging of the sub surface fingertip using correlation mapping optical coherence tomography (cmOCT). Proceedings of SPIE, 2013, , .	0.8	5
95	High-speed full-range spectral-domain correlation mapping optical coherence tomography. , 2013, , .		0
96	Microcirculation imaging based on full-range high-speed spectral domain correlation mapping optical coherence tomography. Journal of Biomedical Optics, 2013, 19, 1.	2.6	26
97	Optimization and extraction of functional information from in vitro flow models using dual-beam spectral-domain optical coherence tomography cross-correlation analysis. Journal of Biomedical Optics, 2013, 18, 106003.	2.6	3
98	Blood optical clearing studied by optical coherence tomography. Journal of Biomedical Optics, 2013, 18, 026014.	2.6	19
99	In vivo full-field en face correlation mapping optical coherence tomography. Journal of Biomedical Optics, 2013, 18, 1.	2.6	9
100	Feasibility of capillary velocity assessment by statistical means using dual-beam spectral-domain Optical Coherence Tomography: a preliminary study. Journal of Biophotonics, 2013, 6, 718-732.	2.3	3
101	Front Matter: 8222. , 2012, , .		0
102	Dual-beam optical coherence tomography system for quantification of flow velocity in capillary phantoms. , 2012, , .		1
103	Rapid quantification of histamine in human psoriatic plaques using microdialysis and ultra high performance liquid chromatography with fluorescence detection. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2012, 880, 119-124.	2.3	13
104	The technical and economic implications of integrating fluctuating renewable energy using energy storage. Renewable Energy, 2012, 43, 47-60.	8.9	182
105	Spectroscopic Study of the Catholyte in a Vanadium Redox Flow Battery. ECS Meeting Abstracts, 2012, , .	0.0	1
106	Correlation mapping method for generating microcirculation morphology from optical coherence tomography (OCT) intensity images. Journal of Biophotonics, 2011, 4, 583-587.	2.3	106
107	Investigation of optical properties of tissue using an optical fibre sensor. , 2011, , .		0
108	In vivo imaging of the microcirculation of the volar forearm using correlation mapping optical coherence tomography (cmOCT). Biomedical Optics Express, 2011, 2, 1184.	2.9	237

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109	Design and development of a galvanometer inspired dual beam optical coherence tomography system for flow velocity quantification of the microvasculature. Proceedings of SPIE, 2011, , .	0.8	0
110	Correlation mapping: rapid method for retrieving microcirculation morphology from optical coherence tomography intensity images. Proceedings of SPIE, 2011, , .	0.8	4
111	Optical coherence tomography: imaging architect for dermal microdialysis in psoriasis. , 2011, , .		0
112	Front Matter: Volume 7898. , 2011, , .		1
113	In-vivo assessment of cleavage line orientation in human skin using optical coherence tomography. , 2011, , .		0
114	Development of an absorption-based tomographic system for mapping the human microvasculature. Proceedings of SPIE, 2011, , .	0.8	0
115	Analysis of parallel connected synchronous generators in a novel offshore wind farm model. Energy, 2011, 36, 6387-6397.	8.8	17
116	Tissue viability imaging (TiVi) in the assessment of divergent beam UV-B provocation. Archives of Dermatological Research, 2011, 303, 79-87.	1.9	11
117	Single-well experimental design for studying residual trapping of supercritical carbon dioxide. International Journal of Greenhouse Gas Control, 2011, 5, 88-98.	4.6	48
118	Modeling Natural Convection in Copper Electrorefining: Describing Turbulence Behavior for Industrial-Sized Systems. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2011, 42, 875-890.	2.1	13
119	Cellular phone-based photoplethysmographic imaging. Journal of Biophotonics, 2011, 4, 293-296.	2.3	106
120	Dynamic microvascular responses with a high speed TiVi imaging system. Journal of Biophotonics, 2011, 4, 509-513.	2.3	6
121	The first step towards a 100% renewable energy-system for Ireland. Applied Energy, 2011, 88, 502-507.	10.1	377
122	Estimating CO2 residual trapping from a single-well test: Experimental design calculations. Energy Procedia, 2011, 4, 5044-5049.	1.8	5
123	Direct interconnection of offshore electricity generators. Energy, 2011, 36, 1543-1553.	8.8	20
124	Facilitation of renewable electricity using price based appliance control in Ireland's electricity market. Energy, 2011, 36, 2952-2960.	8.8	70
125	Practical operation strategies for pumped hydroelectric energy storage (PHES) utilising electricity price arbitrage. Energy Policy, 2011, 39, 4189-4196.	8.8	210
126	Study of optical clearing of blood by immersion method. , 2011, , .		2

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127	Tissue viability (TiVi) imaging: temporal effects of local occlusion studies in the volar forearm. <i>Journal of Biophotonics</i> , 2010, 3, 66-74.	2.3	28
128	Tissue viability imaging for quantification of skin erythema and blanching. <i>Proceedings of SPIE</i> , 2010, , .	0.8	0
129	Tissue viability (TiVi) imaging: utility in assessment of rapid changes in the cutaneous microvasculature. , 2010, , .		3
130	Laser Doppler flowmetry for assessment of tissue microcirculation: 30 years to clinical acceptance. <i>Proceedings of SPIE</i> , 2010, , .	0.8	8
131	A gel-based skin and blood flow model for a Doppler optical coherence tomography (DOCT) imaging system. <i>Proceedings of SPIE</i> , 2010, , .	0.8	0
132	A review of computer tools for analysing the integration of renewable energy into various energy systems. <i>Applied Energy</i> , 2010, 87, 1059-1082.	10.1	1,244
133	Experimental Validation of a Computational Fluid Dynamics Model of Copper Electrowinning. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2010, 41, 1247-1260.	2.1	14
134	Development of a computer program to locate potential sites for pumped hydroelectric energy storage. <i>Energy</i> , 2010, 35, 375-381.	8.8	69
135	Modelling the existing Irish energy-system to identify future energy costs and the maximum wind penetration feasible. <i>Energy</i> , 2010, 35, 2164-2173.	8.8	90
136	A new device for assessing changes in skin viscoelasticity using indentation and optical measurement. <i>Skin Research and Technology</i> , 2010, 16, 210-228.	1.6	34
137	In-vivo dynamic characterization of microneedle skin penetration using optical coherence tomography. <i>Journal of Biomedical Optics</i> , 2010, 15, 046001.	2.6	84
138	Promotion of wind generated electricity using price responsive Demand Side Management: Price prediction analysis for imperfect energy storage. , 2010, , .		9
139	Assistive tools for system integration, deployment, monitoring, and maintenance of ocean energy devices. <i>Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment</i> , 2010, 224, 155-172.	0.5	6
140	Investigating a smartphone imaging unit for photoplethysmography. <i>Physiological Measurement</i> , 2010, 31, N79-N83.	2.1	161
141	Wind energy storage technologies. <i>WIT Transactions on State-of-the-art in Science and Engineering</i> , 2010, , 661-714.	0.0	10
142	Recent advances in imaging the microcirculation. <i>Proceedings of SPIE</i> , 2009, , .	0.8	0
143	A neural network based approach for determination of optical scattering and absorption coefficients of biological tissue. <i>Journal of Physics: Conference Series</i> , 2009, 178, 012047.	0.4	12
144	Modelling jarosite precipitation in isothermal chalcopyrite bioleaching columns. <i>Hydrometallurgy</i> , 2009, 98, 181-191.	4.3	70

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145	Application of gravity currents to the migration of CO2 in heterogeneous saline formations. Energy Procedia, 2009, 1, 3331-3338.	1.8	3
146	Comparison of instruments for investigation of microcirculatory blood flow and red blood cell concentration. Journal of Biomedical Optics, 2009, 14, 034025.	2.6	135
147	Increased penetration of wind generated electricity using real time pricing & demand side management. , 2009, , .		16
148	Assessment of tissue viability by polarization spectroscopy. Opto-electronics Review, 2008, 16, .	2.4	1
149	Increased efficiency of wind generated electricity using demand side management. , 2008, , .		1
150	Real time diffuse reflectance polarisation spectroscopy imaging to evaluate skin microcirculation. Proceedings of SPIE, 2007, , .	0.8	5
151	<title>Diffuse reflection imaging of sub-epidermal tissue haematocrit using a simple RGB camera</title>. , 2007, , .		3
152	Analysis of skin recovery from mechanical indentation using diffuse lighting and digital imaging. Proceedings of SPIE, 2007, , .	0.8	1
153	A model for heap bioleaching of chalcocite with heat balance: Mesophiles and moderate thermophiles. Hydrometallurgy, 2007, 85, 24-41.	4.3	53
154	Biophotonic methods in microcirculation imaging. Medical Laser Application: International Journal for Laser Treatment and Research, 2007, 22, 105-126.	0.3	57
155	Sub-epidermal imaging using polarized light spectroscopy for assessment of skin microcirculation. Skin Research and Technology, 2007, 13, 472-484.	1.6	108
156	Single point and imaging measurements of the optical clearing process. Proceedings of SPIE, 2007, , .	0.8	0
157	An air sparging CFD model for heap bioleaching of chalcocite. Applied Mathematical Modelling, 2006, 30, 1428-1444.	4.2	23
158	Acoustic emission technology for detection of shaft-to-seal rubbing on power generation turbines; a qualitative verification. Insight: Non-Destructive Testing and Condition Monitoring, 2006, 48, 754-755.	0.6	5
159	Tissue viability imaging for assessment of microvascular events. , 2005, , .		1
160	A model for heap bioleaching of chalcocite with heat balance: Bacterial temperature dependence. Minerals Engineering, 2005, 18, 1239-1252.	4.3	36
161	Development of questionnaires to measure patient preferences for intranasal corticosteroids in patients with allergic rhinitis. Otolaryngology - Head and Neck Surgery, 2005, 132, 197-207.	1.9	17
162	Effect of Glucose on the Optical Properties of Arterial Blood Using Mie Theory Simulations. , 2005, , .		0

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163	Tissue Viability Imaging for Assessment of Microvascular Events. , 2005, , .		0
164	Corrigendum to "Combustion of poultry litter in a fluidised bed combustor" [Fuel 82 (2003) 687-692]. Fuel, 2004, 83, 2439.	6.4	2
165	Monitoring and dispersion modelling of emissions from the fluidised bed combustion of poultry litter. Environmental Monitoring and Assessment, 2003, 85, 239-255.	2.7	4
166	Emissions modeling of fluidised bed co-combustion of poultry litter and peat. Bioresource Technology, 2003, 87, 289-294.	9.6	27
167	Combustion of poultry litter in a fluidised bed combustor†. Fuel, 2003, 82, 687-692.	6.4	73
168	Evaluation of different signal processing algorithms in laser Doppler perfusion measurements. , 2003, , .		0
169	Developments in laser Doppler blood perfusion monitoring. , 2003, , .		3
170	The use of fly ash from the combustion of poultry litter for the adsorption of chromium(III) from aqueous solution. Journal of Chemical Technology and Biotechnology, 2002, 77, 1212-1218.	3.2	26
171	Advances in poultry litter disposal technology " a review. Bioresource Technology, 2002, 83, 27-36.	9.6	438
172	A self-validating digital Coriolis mass-flow meter: an overview. Control Engineering Practice, 2000, 8, 487-506.	5.5	74
173	Multichannel laser-Doppler probe for blood perfusion measurements with depth discrimination. Medical and Biological Engineering and Computing, 1998, 36, 740-747.	2.8	39
174	Sensor validation in biomedical applications. Control Engineering Practice, 1997, 5, 1753-1758.	5.5	13
175	A calibration standard for laser-Doppler perfusion measurements. Review of Scientific Instruments, 1995, 66, 5169-5173.	1.3	24
176	Multiple-reference optical coherence tomography for smartphone applications. SPIE Newsroom, 0, , .	0.1	8