

# Aoife J Lowery

## List of Publications by Citations

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85  
papers

3,544  
citations

19  
h-index

59  
g-index

105  
ext. papers

4,290  
ext. citations

3.9  
avg, IF

4.94  
L-index

#	Paper	IF	Citations
85	Mortality and pulmonary complications in patients undergoing surgery with perioperative SARS-CoV-2 infection: an international cohort study. <i>Lancet, The</i> , <b>2020</b> , 396, 27-38	4.0	831
84	Circulating microRNAs as novel minimally invasive biomarkers for breast cancer. <i>Annals of Surgery</i> , <b>2010</b> , 251, 499-505	7.8	521
83	Monocyte chemotactic protein-1 secreted by primary breast tumors stimulates migration of mesenchymal stem cells. <i>Clinical Cancer Research</i> , <b>2007</b> , 13, 5020-7	12.9	350
82	MicroRNA signatures predict oestrogen receptor, progesterone receptor and HER2/neu receptor status in breast cancer. <i>Breast Cancer Research</i> , <b>2009</b> , 11, R27	8.3	332
81	Locoregional recurrence after breast cancer surgery: a systematic review by receptor phenotype. <i>Breast Cancer Research and Treatment</i> , <b>2012</b> , 133, 831-41	4.4	277
80	Identification of suitable endogenous control genes for microRNA gene expression analysis in human breast cancer. <i>BMC Molecular Biology</i> , <b>2008</b> , 9, 76	4.5	202
79	Haemoglobin A1c (HbA1C) in non-diabetic and diabetic vascular patients. Is HbA1C an independent risk factor and predictor of adverse outcome?. <i>European Journal of Vascular and Endovascular Surgery</i> , <b>2006</b> , 32, 188-97	2.3	141
78	MicroRNAs as prognostic indicators and therapeutic targets: potential effect on breast cancer management. <i>Clinical Cancer Research</i> , <b>2008</b> , 14, 360-5	12.9	136
77	Dysregulated miR-183 inhibits migration in breast cancer cells. <i>BMC Cancer</i> , <b>2010</b> , 10, 502	4.8	107
76	Thyroid lymphoma: recent advances in diagnosis and optimal management strategies. <i>Oncologist</i> , <b>2013</b> , 18, 994-1003	5.7	68
75	A prospective feasibility study of duplex ultrasound arterial mapping, digital-subtraction angiography, and magnetic resonance angiography in management of critical lower limb ischemia by endovascular revascularization. <i>Annals of Vascular Surgery</i> , <b>2007</b> , 21, 443-51	1.7	38
74	Persistent and recurrent hyperparathyroidism. <i>Updates in Surgery</i> , <b>2017</b> , 69, 161-169	2.9	35
73	Preoperative imaging for focused parathyroidectomy: making a good strategy even better. <i>European Journal of Endocrinology</i> , <b>2015</b> , 172, 519-26	6.5	35
72	Molecular and therapeutic advances in the diagnosis and management of malignant pheochromocytomas and paragangliomas. <i>Oncologist</i> , <b>2013</b> , 18, 391-407	5.7	34
71	Adipose-Derived Stem Cells in Novel Approaches to Breast Reconstruction: Their Suitability for Tissue Engineering and Oncological Safety. <i>Breast Cancer: Basic and Clinical Research</i> , <b>2017</b> , 11, 1178223417726777	2.2	29
70	C-Metomidate PET/CT is a useful adjunct for lateralization of primary aldosteronism in routine clinical practice. <i>Clinical Endocrinology</i> , <b>2019</b> , 90, 670-679	3.4	27
69	Locoregional Recurrence Following Breast Cancer Surgery in the Trastuzumab Era: A Systematic Review by Subtype. <i>Annals of Surgical Oncology</i> , <b>2017</b> , 24, 3124-3132	3.1	27

68	Posterior retroperitoneoscopic adrenal surgery for clinical and subclinical Cushing's syndrome in patients with bilateral adrenal disease. <i>Langenbeck's Archives of Surgery</i> , <b>2017</b> , 402, 775-785	3.4	21
67	Recreating complex pathophysiologicals in vitro with extracellular matrix surrogates for anticancer therapeutics screening. <i>Drug Discovery Today</i> , <b>2016</b> , 21, 1521-1531	8.8	20
66	Estrogen induces repression of the breast cancer and salivary gland expression gene in an estrogen receptor alpha-dependent manner. <i>Cancer Research</i> , <b>2008</b> , 68, 106-14	10.1	19
65	Re-Appraisal of Estrogen Receptor Negative/Progesterone Receptor Positive (ER-/PR+) Breast Cancer Phenotype: True Subtype or Technical Artefact?. <i>Pathology and Oncology Research</i> , <b>2018</b> , 24, 881-884	2.6	16
64	Prospective comparison of outcome after treatment for triple-negative and non-triple-negative breast cancer. <i>Journal of the Royal College of Surgeons of Edinburgh</i> , <b>2017</b> , 15, 272-277	2.5	14
63	A Review of the Impact of Neoadjuvant Chemotherapy on Breast Surgery Practice and Outcomes. <i>Clinical Breast Cancer</i> , <b>2019</b> , 19, 377-382	3	13
62	Hydrogels in adipose tissue engineering-Potential application in post-mastectomy breast regeneration. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , <b>2018</b> , 12, 2234-2247	4.4	13
61	Adrenocortical carcinoma surgery-surgical extent and approach. <i>Langenbeck's Archives of Surgery</i> , <b>2016</b> , 401, 991-997	3.4	12
60	Assessing awareness of colorectal cancer symptoms and screening in a peripheral colorectal surgical unit: a survey based study. <i>BMC Surgery</i> , <b>2013</b> , 13, 20	2.3	12
59	Laryngeal cancer: quantitative and qualitative assessment of research output, 1945-2010. <i>Laryngoscope</i> , <b>2012</b> , 122, 1967-73	3.6	10
58	Prospective Assessment of Systemic MicroRNAs as Markers of Response to Neoadjuvant Chemotherapy in Breast Cancer. <i>Cancers</i> , <b>2020</b> , 12,	6.6	10
57	Clinicopathological correlates, oncological impact, and validation of Oncotype DX in a European Tertiary Referral Centre. <i>Breast Journal</i> , <b>2021</b> , 27, 521-528	1.2	10
56	Contemporary review of large adrenal tumors in a tertiary referral center. <i>Anticancer Research</i> , <b>2014</b> , 34, 2581-8	2.3	10
55	Recent Advances and Future Directions in Postmastectomy Breast Reconstruction. <i>Clinical Breast Cancer</i> , <b>2018</b> , 18, e571-e585	3	9
54	Microwave Imaging in Breast Cancer - Results from the First-In-Human Clinical Investigation of the Wavelia System. <i>Academic Radiology</i> , <b>2021</b> ,	4.3	9
53	Ki-67 as a Prognostic Biomarker in Invasive Breast Cancer. <i>Cancers</i> , <b>2021</b> , 13,	6.6	9
52	Differential impact of hormone receptor status on survival and recurrence for HER2 receptor-positive breast cancers treated with Trastuzumab. <i>Breast Cancer Research and Treatment</i> , <b>2017</b> , 164, 221-229	4.4	8
51	Postmastectomy radiotherapy: indications and implications. <i>Journal of the Royal College of Surgeons of Edinburgh</i> , <b>2014</b> , 12, 310-5	2.5	8

50	Incarcerated femoral hernia containing ovary and fallopian tube in a 54-year-old. <i>BMJ Case Reports</i> , <b>2011</b> , 2011,	0.9	8
49	GravesSopthalmopathy: the case for thyroid surgery. <i>Journal of the Royal College of Surgeons of Edinburgh</i> , <b>2009</b> , 7, 290-6	2.5	8
48	Use of Intraoperative Parathyroid Hormone in Minimally Invasive Parathyroidectomy for Primary Hyperparathyroidism: A Systematic Review and Meta-analysis. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , <b>2021</b> , 147, 135-143	3.9	8
47	The Role of MicroRNA as Clinical Biomarkers for Breast Cancer Surgery and Treatment. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	8
46	Clinicopathological response to neoadjuvant therapies and pathological complete response as a biomarker of survival in human epidermal growth factor receptor-2 enriched breast cancer - A retrospective cohort study. <i>Breast</i> , <b>2021</b> , 59, 67-75	3.6	8
45	Neoadjuvant chemoradiation and breast reconstruction: the potential for improved outcomes in the treatment of breast cancer. <i>Irish Journal of Medical Science</i> , <b>2019</b> , 188, 75-83	1.9	6
44	Spectrum of all-terrain vehicle injuries in adults: A case series and review of the literature. <i>International Journal of Surgery Case Reports</i> , <b>2012</b> , 3, 222-6	0.8	6
43	The effect of menopause and hysterectomy on systemic vascular endothelial growth factor in women undergoing surgery for breast cancer. <i>BMC Cancer</i> , <b>2008</b> , 8, 279	4.8	6
42	Additive Manufacturing of Multi-Scale Porous Soft Tissue Implants That Encourage Vascularization and Tissue Ingrowth. <i>Advanced Healthcare Materials</i> , <b>2021</b> , 10, e2100229	10.1	6
41	Investigating the association of rs2910164 with cancer predisposition in an Irish cohort. <i>Endocrine Connections</i> , <b>2017</b> , 6, 614-624	3.5	5
40	The impact of the Biomolecular Era on breast cancer surgery. <i>Journal of the Royal College of Surgeons of Edinburgh</i> , <b>2017</b> , 15, 169-181	2.5	5
39	MicroRNAs in Molecular Classification and Pathogenesis of Breast Tumors. <i>Cancers</i> , <b>2021</b> , 13,	6.6	4
38	MicroRNA Expression Profiles and Breast Cancer Chemotherapy. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	4
37	Neoadjuvant chemotherapy for luminal a breast cancer: Factors predictive of histopathologic response and oncologic outcome. <i>American Journal of Surgery</i> , <b>2021</b> , 222, 368-376	2.7	4
36	The Impact of Preoperative Breast Magnetic Resonance Imaging on Surgical Management in Symptomatic Patients With Invasive Lobular Carcinoma. <i>Breast Cancer: Basic and Clinical Research</i> , <b>2020</b> , 14, 1178223420948477	2.2	4
35	Breast infections - Microbiology and treatment in an era of antibiotic resistance. <i>Journal of the Royal College of Surgeons of Edinburgh</i> , <b>2020</b> , 18, 1-7	2.5	4
34	Six-year review of traumatic brain injury in a regional trauma unit: demographics, contributing factors and service provision in Ireland. <i>Brain Injury</i> , <b>2018</b> , 32, 900-906	2.1	3
33	Characterization of adrenocortical tumors by F-FDG PET/CT: Does steroid hormone hypersecretion status modify the uptake pattern?. <i>Surgical Oncology</i> , <b>2018</b> , 27, 231-235	2.5	3

32	Changing practices in the surgical management of hyperparathyroidism - a 10-year review. <i>Journal of the Royal College of Surgeons of Edinburgh</i> , <b>2012</b> , 10, 314-20	2.5	3
31	Differentiated Thyroid Cancer: How Do Current Practice Guidelines Affect Management?. <i>European Thyroid Journal</i> , <b>2018</b> , 7, 319-326	4.2	3
30	The Wavelia Microwave Breast Imaging system-tumour discriminating features and their clinical usefulness. <i>British Journal of Radiology</i> , <b>2021</b> , 94, 20210907	3.4	3
29	Radiomic differentiation of breast cancer molecular subtypes using pre-operative breast imaging - A systematic review and meta-analysis. <i>European Journal of Radiology</i> , <b>2021</b> , 144, 109996	4.7	2
28	Radioiodine Remnant Ablation for Differentiated Thyroid Cancer: A Systematic Review and Meta-analysis. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , <b>2021</b> , 147, 544-552	3.9	2
27	Axillary ultrasound-guided core biopsy in breast cancer: identifying higher nodal burden and more aggressive clinicopathological characteristics. <i>Irish Journal of Medical Science</i> , <b>2019</b> , 188, 425-431	1.9	2
26	Dielectric Characterization of Ex Vivo Ovine and Human Adrenal Glands for Microwave Thermal Ablation Applications. <i>IEEE Journal of Electromagnetics, RF and Microwaves in Medicine and Biology</i> , <b>2021</b> , 5, 254-261	2.8	2
25	OncotypeDX <sup>®</sup> Recurrence Score in BRCA mutation carriers: a systematic review and meta-analysis. <i>European Journal of Cancer</i> , <b>2021</b> , 154, 209-216	7.5	2
24	Oncological Risk in Autologous Stem Cell Donation for Novel Tissue-Engineering Approaches to Postmastectomy Breast Regeneration. <i>Breast Cancer: Basic and Clinical Research</i> , <b>2019</b> , 13, 1178223419864896 <sup>1</sup>	2.2	1
23	Breast cancer recurrence: factors impacting occurrence and survival.. <i>Irish Journal of Medical Science</i> , <b>2022</b> , 1	1.9	1
22	Optimal localization strategies for non-palpable breast cancers -A network meta-analysis of randomized controlled trials.. <i>Breast</i> , <b>2022</b> , 62, 103-113	3.6	1
21	Relationship Between the Conductivity of Human Blood and Blood Counts. <i>IEEE Journal of Electromagnetics, RF and Microwaves in Medicine and Biology</i> , <b>2021</b> , 1-7	2.8	1
20	The histopathological and molecular features of breast carcinoma with tumour budding-a systematic review and meta-analysis. <i>Breast Cancer Research and Treatment</i> , <b>2020</b> , 183, 503-514	4.4	1
19	Effect of Breast Cancer and Adjuvant Therapy on Adipose-Derived Stromal Cells: Implications for the Role of ADSCs in Regenerative Strategies for Breast Reconstruction. <i>Stem Cell Reviews and Reports</i> , <b>2021</b> , 17, 523-538	7.3	1
18	Evaluating the Clinical Utility of Routine Sentinel Lymph Node Biopsy and the Value of Adjuvant Chemotherapy in Elderly Patients Diagnosed With Oestrogen Receptor Positive, Clinically Node Negative Breast Cancer. <i>Breast Cancer: Basic and Clinical Research</i> , <b>2021</b> , 15, 11782234211022203	2.2	1
17	The presentation, management and outcome of inflammatory breast cancer cases in the UK: Data from a multi-centre retrospective review. <i>Breast</i> , <b>2018</b> , 42, 133-141	3.6	1
16	Grit personality trait of doctors and medical students in level 4 acute hospital. <i>Journal of the Royal College of Surgeons of Edinburgh</i> , <b>2021</b> ,	2.5	1
15	Genetic and RNA-related molecular markers of trastuzumab-chemotherapy-associated cardiotoxicity in HER2 positive breast cancer: a systematic review.. <i>BMC Cancer</i> , <b>2022</b> , 22, 396	4.8	1

14	Overview of MicroRNA Expression in Predicting Response to Neoadjuvant Therapies in Human Epidermal Growth Receptor-2 Enriched Breast Cancer - A Systematic Review.. <i>Breast Cancer: Basic and Clinical Research</i> , <b>2022</b> , 16, 11782234221086684	2.2	0
13	Relevance of the 21-gene expression assay in male breast cancer: A systematic review and meta-analysis.. <i>Breast</i> , <b>2022</b> , 64, 41-46	3.6	0
12	Author response to: Comment on: Meta-analysis of the impact of progesterone receptor status on oncological outcomes in oestrogen receptor-positive breast cancer. <i>British Journal of Surgery</i> , <b>2020</b> , 107, 466-467	5.3	
11	Meta-analysis of video-assisted versus open parathyroidectomy for primary hyperparathyroidism. <i>International Journal of Endocrine Oncology</i> , <b>2015</b> , 2, 317-326	0.3	
10	Management of life-threatening blunt head trauma in childhood-A case report. <i>International Journal of Surgery Case Reports</i> , <b>2012</b> , 3, 356-7	0.8	
9	Experience-based learning: how a crisis solution informed fundamental change in a clinical education curriculum. <i>Clinical Teacher</i> , <b>2021</b> , 19, 42	1.1	
8	Recurrent Primary Hyperparathyroidism: A Diagnostic Challenge in a Supernumerary Intrathyroidal Dormant Adenoma. <i>World Journal of Endocrine Surgery</i> , <b>2015</b> , 7, 39-43	0.1	
7	Comment on "Implant-Based Breast Reconstruction With Acellular Dermal Matrix. Safety Data From an Open-Label, Multicenter, Randomized, Controlled Trial in the Setting of Breast Cancer Treatment". <i>Annals of Surgery</i> , <b>2020</b> , 271, e106	7.8	
6	Practical tips for introducing high-fidelity simulation to undergraduates at a large scale: learning from our experience.. <i>BMJ Simulation and Technology Enhanced Learning</i> , <b>2021</b> , 7, 452-453	1.1	
5	FOXE1 polymorphism rs965513 predisposes to thyroid cancer in a European cohort <b>2021</b> , 1, 1-8		
4	Imprecise risk estimation of chemotherapy-related cardiotoxicity in HER2-positive breast cancer using the recently reported societal risk tools. <i>Breast Cancer Research and Treatment</i> , <b>2021</b> , 190, 355-356	4.4	
3	Intraoperative Parathyroid Hormone in Minimally Invasive Parathyroidectomy-Reply. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , <b>2021</b> , 147, 923-924	3.9	
2	A case of adrenal Cushing's syndrome and primary hyperparathyroidism due to an atypical parathyroid adenoma. <i>Therapeutic Advances in Endocrinology and Metabolism</i> , <b>2021</b> , 12, 20420188211030160	4.5	
1	What Proportion of Systematic Reviews and Meta-Analyses Published in the Annals of Surgery Provide Definitive Conclusions? A Systematic Review and Bibliometric Analysis. <i>Publications</i> , <b>2022</b> , 10, 19	1.7	