

# Ryan J O Dowling

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4972407/publications.pdf>

Version: 2024-02-01

28  
papers

5,399  
citations

361413

20  
h-index

526287

27  
g-index

29  
all docs

29  
docs citations

29  
times ranked

8961  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metformin Is an AMP Kinase-Dependent Growth Inhibitor for Breast Cancer Cells. <i>Cancer Research</i> , 2006, 66, 10269-10273.	0.9	972
2	Metformin Inhibits Mammalian Target of Rapamycin-Dependent Translation Initiation in Breast Cancer Cells. <i>Cancer Research</i> , 2007, 67, 10804-10812.	0.9	845
3	mTORC1-Mediated Cell Proliferation, But Not Cell Growth, Controlled by the 4E-BPs. <i>Science</i> , 2010, 328, 1172-1176.	12.6	624
4	Dissecting the role of mTOR: Lessons from mTOR inhibitors. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2010, 1804, 433-439.	2.3	389
5	Nuclear PTEN Controls DNA Repair and Sensitivity to Genotoxic Stress. <i>Science</i> , 2013, 341, 395-399.	12.6	351
6	Understanding the benefit of metformin use in cancer treatment. <i>BMC Medicine</i> , 2011, 9, 33.	5.5	324
7	Metformin in cancer: translational challenges. <i>Journal of Molecular Endocrinology</i> , 2012, 48, R31-R43.	2.5	295
8	Translational control of the innate immune response through IRF-7. <i>Nature</i> , 2008, 452, 323-328.	27.8	275
9	The Effects of Adiponectin and Metformin on Prostate and Colon Neoplasia Involve Activation of AMP-Activated Protein Kinase. <i>Cancer Prevention Research</i> , 2008, 1, 369-375.	1.5	266
10	Metformin in early breast cancer: a prospective window of opportunity neoadjuvant study. <i>Breast Cancer Research and Treatment</i> , 2012, 135, 821-830.	2.5	213
11	Translational control of the activation of transcription factor NF- $\kappa$ B and production of type I interferon by phosphorylation of the translation factor eIF4E. <i>Nature Immunology</i> , 2012, 13, 543-550.	14.5	114
12	Metformin Pharmacokinetics in Mouse Tumors: Implications for Human Therapy. <i>Cell Metabolism</i> , 2016, 23, 567-568.	16.2	105
13	p53-Dependent Translational Control of Senescence and Transformation via 4E-BPs. <i>Cancer Cell</i> , 2009, 16, 439-446.	16.8	104
14	Changes in insulin receptor signaling underlie neoadjuvant metformin administration in breast cancer: a prospective window of opportunity neoadjuvant study. <i>Breast Cancer Research</i> , 2015, 17, 32.	5.0	92
15	Evidence for biological effects of metformin in operable breast cancer: biomarker analysis in a pre-operative window of opportunity randomized trial. <i>Breast Cancer Research and Treatment</i> , 2015, 150, 149-155.	2.5	77
16	Association of Obesity-Related Metabolic Disruptions With Cancer Risk and Outcome. <i>Journal of Clinical Oncology</i> , 2016, 34, 4249-4255.	1.6	77
17	A phase II randomized clinical trial of the effect of metformin versus placebo on progression-free survival in women with metastatic breast cancer receiving standard chemotherapy. <i>Breast</i> , 2019, 48, 17-23.	2.2	73
18	Impact of a Pre-Operative Exercise Intervention on Breast Cancer Proliferation and Gene Expression: Results from the Pre-Operative Health and Body (PreHAB) Study. <i>Clinical Cancer Research</i> , 2019, 25, 5398-5406.	7.0	58

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19	Current Status and Challenges Associated with Targeting mTOR for Cancer Therapy. <i>BioDrugs</i> , 2009, 23, 77-91.	4.6	45
20	The Effect of Metformin vs Placebo on Sex Hormones in Canadian Cancer Trials Group MA.32. <i>Journal of the National Cancer Institute</i> , 2021, 113, 192-198.	6.3	24
21	A collection of caged compounds for probing roles of local translation in neurobiology. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 7746-7752.	3.0	20
22	Effect of metformin versus placebo on metabolic factors in the MA.32 randomized breast cancer trial. <i>Npj Breast Cancer</i> , 2021, 7, 74.	5.2	16
23	Gene-expression changes induced by Feline immunodeficiency virus infection differ in epithelial cells and lymphocytes. <i>Journal of General Virology</i> , 2005, 86, 2239-2248.	2.9	12
24	Toronto Workshop on Late Recurrence in Estrogen Receptor-Positive Breast Cancer: Part 2: Approaches to Predict and Identify Late Recurrence, <i>Research Directions. JNCI Cancer Spectrum</i> , 2019, 3, pkz049.	2.9	11
25	Association of Metabolic, Inflammatory, and Tumor Markers With Circulating Tumor Cells in Metastatic Breast Cancer. <i>JNCI Cancer Spectrum</i> , 2018, 2, pky028.	2.9	10
26	Cancer Antigen 15-3/Mucin 1 Levels in CCTG MA.32: A Breast Cancer Randomized Trial of Metformin vs Placebo. <i>JNCI Cancer Spectrum</i> , 2021, 5, pkab066.	2.9	5
27	Fundamental Pathways in Breast Cancer 1: Signaling from the Membrane. , 2017, , 3-12.		1
28	Metformin and Exercise in Cancer: Better Together. <i>JNCI Cancer Spectrum</i> , 2020, 4, pkz097.	2.9	1