Ryan J O Dowling

List of Publications by Year in descending order

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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	The Effect of Metformin vs Placebo on Sex Hormones in Canadian Cancer Trials Group MA.32. Journal of the National Cancer Institute, 2021, 113, 192-198.	6.3	24
2	Effect of metformin versus placebo on metabolic factors in the MA.32 randomized breast cancer trial. Npj Breast Cancer, 2021, 7, 74.	5.2	16
3	Cancer Antigen 15-3/Mucin 1â€‚Levels in CCTG MA.32: A Breast Cancer Randomized Trial of Metformin vs Placebo. JNCI Cancer Spectrum, 2021, 5, pkab066.	2.9	5
4	Metformin and Exercise in Cancer: Better Together. JNCI Cancer Spectrum, 2020, 4, pkz097.	2.9	1
5	Toronto Workshop on Late Recurrence in Estrogen Receptor-Positive Breast Cancer: Part 2: Approaches to Predict and Identify Late Recurrence, Research Directions. JNCI Cancer Spectrum, 2019, 3, pkz049.	2.9	11
6	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. Breast, 2019, 48, 17-23.	2.2	73
7	Impact of a Pre-Operative Exercise Intervention on Breast Cancer Proliferation and Gene Expression: Results from the Pre-Operative Health and Body (PreHAB) Study. Clinical Cancer Research, 2019, 25, 5398-5406.	7.0	58
8	Association of Metabolic, Inflammatory, and Tumor Markers With Circulating Tumor Cells in Metastatic Breast Cancer. JNCI Cancer Spectrum, 2018, 2, pky028.	2.9	10
9	Fundamental Pathways in Breast Cancer 1: Signaling from the Membrane. , 2017, , 3-12.		1
10	Association of Obesity-Related Metabolic Disruptions With Cancer Risk and Outcome. Journal of Clinical Oncology, 2016, 34, 4249-4255.	1.6	77
11	Metformin Pharmacokinetics in Mouse Tumors: Implications for Human Therapy. Cell Metabolism, 2016, 23, 567-568.	16.2	105
12	Evidence for biological effects of metformin in operable breast cancer: biomarker analysis in a pre-operative window of opportunity randomized trial. Breast Cancer Research and Treatment, 2015, 150, 149-155.	2.5	77
13	Changes in insulin receptor signaling underlie neoadjuvant metformin administration in breast cancer: a prospective window of opportunity neoadjuvant study. Breast Cancer Research, 2015, 17, 32.	5.0	92
14	Nuclear PTEN Controls DNA Repair and Sensitivity to Genotoxic Stress. Science, 2013, 341, 395-399.	12.6	351
15	Metformin in early breast cancer: a prospective window of opportunity neoadjuvant study. Breast Cancer Research and Treatment, 2012, 135, 821-830.	2.5	213
16	Metformin in cancer: translational challenges. Journal of Molecular Endocrinology, 2012, 48, R31-R43.	2.5	295
17	Translational control of the activation of transcription factor NF-ÎºB and production of type I interferon by phosphorylation of the translation factor eIF4E. Nature Immunology, 2012, 13, 543-550.	14.5	114
18	Understanding the benefit of metformin use in cancer treatment. BMC Medicine, 2011, 9, 33.	5.5	324

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19	Dissecting the role of mTOR: Lessons from mTOR inhibitors. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2010, 1804, 433-439.	2.3	389
20	A collection of caged compounds for probing roles of local translation in neurobiology. Bioorganic and Medicinal Chemistry, 2010, 18, 7746-7752.	3.0	20
21	mTORC1-Mediated Cell Proliferation, But Not Cell Growth, Controlled by the 4E-BPs. Science, 2010, 328, 1172-1176.	12.6	624
22	p53-Dependent Translational Control of Senescence and Transformation via 4E-BPs. Cancer Cell, 2009, 16, 439-446.	16.8	104
23	Current Status and Challenges Associated with Targeting mTOR for Cancer Therapy. BioDrugs, 2009, 23, 77-91.	4.6	45
24	Translational control of the innate immune response through IRF-7. Nature, 2008, 452, 323-328.	27.8	275
25	The Effects of Adiponectin and Metformin on Prostate and Colon Neoplasia Involve Activation of AMP-Activated Protein Kinase. Cancer Prevention Research, 2008, 1, 369-375.	1.5	266
26	Metformin Inhibits Mammalian Target of Rapamycinâ€“Dependent Translation Initiation in Breast Cancer Cells. Cancer Research, 2007, 67, 10804-10812.	0.9	845
27	Metformin Is an AMP Kinaseâ€“Dependent Growth Inhibitor for Breast Cancer Cells. Cancer Research, 2006, 66, 10269-10273.	0.9	972
28	Gene-expression changes induced by Feline immunodeficiency virus infection differ in epithelial cells and lymphocytes. Journal of General Virology, 2005, 86, 2239-2248.	2.9	12