

# Mary Ellen Moynahan

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

6,745  
citations

159585

30  
h-index

330143

37  
g-index

38  
all docs

38  
docs citations

38  
times ranked

8822  
citing authors

#	ARTICLE	IF	CITATIONS
1	Alterations in PTEN and ESR1 promote clinical resistance to alpelisib plus aromatase inhibitors. <i>Nature Cancer</i> , 2020, 1, 382-393.	13.2	96
2	Tumor PIK3CA Genotype and Prognosis in Early-Stage Breast Cancer: A Pooled Analysis of Individual Patient Data. <i>Journal of Clinical Oncology</i> , 2018, 36, 981-990.	1.6	95
3	Correlation between PIK3CA mutations in cell-free DNA and everolimus efficacy in HR+, HER2~ advanced breast cancer: results from BOLERO-2. <i>British Journal of Cancer</i> , 2017, 116, 726-730.	6.4	112
4	ATM loss leads to synthetic lethality in BRCA1 BRCT mutant mice associated with exacerbated defects in homology-directed repair. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 7665-7670.	7.1	48
5	Phase III Trial Evaluating Letrozole As First-Line Endocrine Therapy With or Without Bevacizumab for the Treatment of Postmenopausal Women With Hormone Receptor~Positive Advanced-Stage Breast Cancer: CALGB 40503 (Alliance). <i>Journal of Clinical Oncology</i> , 2016, 34, 2602-2609.	1.6	101
6	Robust homology-directed repair within mouse mammary tissue is not specifically affected by Brca2 mutation. <i>Nature Communications</i> , 2016, 7, 13241.	12.8	36
7	When Genome Maintenance Goes Badly Awry. <i>Molecular Cell</i> , 2016, 62, 777-787.	9.7	64
8	PARP Inhibitors in Clinical Use Induce Genomic Instability in Normal Human Cells. <i>PLoS ONE</i> , 2016, 11, e0159341.	2.5	35
9	Phase II Study of Paclitaxel Given Once per Week Along With Trastuzumab and Pertuzumab in Patients With Human Epidermal Growth Factor Receptor 2~Positive Metastatic Breast Cancer. <i>Journal of Clinical Oncology</i> , 2015, 33, 442-447.	1.6	75
10	A Phase II Open-Label Study of Ganetespib, a Novel Heat Shock Protein 90 Inhibitor for Patients With Metastatic Breast Cancer. <i>Clinical Breast Cancer</i> , 2014, 14, 154-160.	2.4	91
11	Phase II Trial of Bicalutamide in Patients with Androgen Receptor~Positive, Estrogen Receptor~Negative Metastatic Breast Cancer. <i>Clinical Cancer Research</i> , 2013, 19, 5505-5512.	7.0	592
12	Randomized Phase II Trial of Weekly vs. Every 2 Weeks vs. Every 3 Weeks Nanoparticle Albumin-Bound Paclitaxel With Bevacizumab as First-Line Chemotherapy for Metastatic Breast Cancer. <i>Clinical Breast Cancer</i> , 2013, 13, 239-246.e1.	2.4	27
13	Double-strand break repair by homologous recombination in primary mouse somatic cells requires BRCA1 but not the ATM kinase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 5564-5569.	7.1	90
14	Reduced Proficiency in Homologous Recombination Underlies the High Sensitivity of Embryonal Carcinoma Testicular Germ Cell Tumors to Cisplatin and Poly (ADP-Ribose) Polymerase Inhibition. <i>PLoS ONE</i> , 2012, 7, e51563.	2.5	78
15	Homology-directed Fanconi anemia pathway cross-link repair is dependent on DNA replication. <i>Nature Structural and Molecular Biology</i> , 2011, 18, 500-503.	8.2	71
16	Breast Cancer Methylomes Establish an Epigenomic Foundation for Metastasis. <i>Science Translational Medicine</i> , 2011, 3, 75ra25.	12.4	242
17	PIK3CA mutations rarely demonstrate genotypic intratumoral heterogeneity and are selected for in breast cancer progression. <i>Breast Cancer Research and Treatment</i> , 2011, 129, 635-643.	2.5	49
18	A Feasibility Study of Bevacizumab plus Dose-Dense Doxorubicin~Cyclophosphamide (AC) Followed by Nanoparticle Albumin~Bound Paclitaxel in Early-Stage Breast Cancer. <i>Clinical Cancer Research</i> , 2011, 17, 3398-3407.	7.0	28

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19	BRCA Gene Structure and Function in Tumor Suppression. <i>Cancer Journal (Sudbury, Mass )</i> , 2010, 16, 39-47.	2.0	59
20	Loss of 53BP1 Is a Gain for BRCA1 Mutant Cells. <i>Cancer Cell</i> , 2010, 17, 423-425.	16.8	22
21	Mitotic homologous recombination maintains genomic stability and suppresses tumorigenesis. <i>Nature Reviews Molecular Cell Biology</i> , 2010, 11, 196-207.	37.0	779
22	PIK3CA Mutation Associates with Improved Outcome in Breast Cancer. <i>Clinical Cancer Research</i> , 2009, 15, 5049-5059.	7.0	338
23	Prolonged Dose-Dense Epirubicin and Cyclophosphamide Followed by Paclitaxel in Breast Cancer Is Feasible. <i>Clinical Breast Cancer</i> , 2008, 8, 418-424.	2.4	12
24	The Safety of Dose-Dense Doxorubicin and Cyclophosphamide Followed by Paclitaxel With Trastuzumab in HER-2/ <i>neu</i> Overexpressed/Amplified Breast Cancer. <i>Journal of Clinical Oncology</i> , 2008, 26, 1216-1222.	1.6	56
25	BRCA2: safeguarding the genome through homologous recombination. , 2007, , 363-380.		1
26	BRCA2: safeguarding the genome through homologous recombination. <i>Topics in Current Genetics</i> , 2007, , 363-380.	0.7	3
27	Involvement of Mammalian Mus81 in Genome Integrity and Tumor Suppression. <i>Science</i> , 2004, 304, 1822-1826.	12.6	178
28	Eme1 is involved in DNA damage processing and maintenance of genomic stability in mammalian cells. <i>EMBO Journal</i> , 2003, 22, 6137-6147.	7.8	118
29	BARD1 Participates with BRCA1 in Homology-Directed Repair of Chromosome Breaks. <i>Molecular and Cellular Biology</i> , 2003, 23, 7926-7936.	2.3	108
30	ATP Hydrolysis by Mammalian RAD51 Has a Key Role during Homology-directed DNA Repair. <i>Journal of Biological Chemistry</i> , 2002, 277, 20185-20194.	3.4	124
31	The cancer connection: BRCA1 and BRCA2 tumor suppression in mice and humans. <i>Oncogene</i> , 2002, 21, 8994-9007.	5.9	109
32	BRCA2 Is Required for Homology-Directed Repair of Chromosomal Breaks. <i>Molecular Cell</i> , 2001, 7, 263-272.	9.7	897
33	Weekly Trastuzumab and Paclitaxel Therapy for Metastatic Breast Cancer With Analysis of Efficacy by <i>HER2</i> Immunophenotype and Gene Amplification. <i>Journal of Clinical Oncology</i> , 2001, 19, 2587-2595.	1.6	531
34	Double-strand breaks and tumorigenesis. <i>Trends in Cell Biology</i> , 2001, 11, S52-S59.	7.9	180
35	Double-strand breaks and tumorigenesis. <i>Trends in Cell Biology</i> , 2001, 11, S52-S59.	7.9	135
36	Brca1 Controls Homology-Directed DNA Repair. <i>Molecular Cell</i> , 1999, 4, 511-518.	9.7	1,135

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37	A model for testing recombinogenic sequences in the mouse germline. <i>Human Molecular Genetics</i> , 1996, 5, 875-886.	2.9	17
38	Binding, internalization, and degradation of [125I]insulin by cultured bovine aortic endothelial cells: Effects of serotonin. <i>In Vitro</i> , 1983, 19, 833-840.	1.2	13