

# Melyssa R Bratton

## List of Publications by Year in descending order

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41  
papers

1,246  
citations

331259

21  
h-index

360668

35  
g-index

41  
all docs

41  
docs citations

41  
times ranked

2168  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cytokine Receptor CXCR4 Mediates Estrogen-Independent Tumorigenesis, Metastasis, and Resistance to Endocrine Therapy in Human Breast Cancer. <i>Cancer Research</i> , 2011, 71, 603-613.	0.4	140
2	Endocrine Disruptor Regulation of MicroRNA Expression in Breast Carcinoma Cells. <i>PLoS ONE</i> , 2012, 7, e32754.	1.1	128
3	Proteomic analysis of acquired tamoxifen resistance in MCF-7 cells reveals expression signatures associated with enhanced migration. <i>Breast Cancer Research</i> , 2012, 14, R45.	2.2	95
4	Suicide Inactivation of Cytochrome c Oxidase: Catalytic Turnover in the Absence of Subunit III Alters the Active Site. <i>Biochemistry</i> , 1999, 38, 16236-16245.	1.2	78
5	Fulvestrant-3 Boronic Acid (ZB716): An Orally Bioavailable Selective Estrogen Receptor Downregulator (SERD). <i>Journal of Medicinal Chemistry</i> , 2016, 59, 8134-8140.	2.9	65
6	Proteomic Signatures of Acquired Letrozole Resistance in Breast Cancer: Suppressed Estrogen Signaling and Increased Cell Motility and Invasiveness. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 2440-2455.	2.5	52
7	Glyceollins as novel targeted therapeutic for the treatment of triple-negative breast cancer. <i>Oncology Letters</i> , 2012, 3, 163-171.	0.8	48
8	Pharmacological inhibition of sphingosine kinase isoforms alters estrogen receptor signaling in human breast cancer. <i>Journal of Molecular Endocrinology</i> , 2011, 46, 205-216.	1.1	47
9	Comparative proteomic analyses of human adipose extracellular matrices decellularized using alternative procedures. <i>Journal of Biomedical Materials Research - Part A</i> , 2018, 106, 2481-2493.	2.1	37
10	Identification of the Structural Subunits Required for Formation of the Metal Centers in Subunit I of Cytochrome c Oxidase of <i>Rhodobacter sphaeroides</i> . <i>Biochemistry</i> , 2000, 39, 12989-12995.	1.2	35
11	Effects of SDF-1 on CXCR4 signaling on microRNA expression and tumorigenesis in estrogen receptor-alpha (ER- $\alpha$ )-positive breast cancer cells. <i>Experimental Cell Research</i> , 2011, 317, 2573-2581.	1.2	32
12	The Organochlorine o,p'-DDT Plays a Role in Coactivator-Mediated MAPK Crosstalk in MCF-7 Breast Cancer Cells. <i>Environmental Health Perspectives</i> , 2012, 120, 1291-1296.	2.8	32
13	Rational Design of a Boron-Modified Triphenylethylene (GLL398) as an Oral Selective Estrogen Receptor Downregulator. <i>ACS Medicinal Chemistry Letters</i> , 2017, 8, 102-106.	1.3	32
14	AKT Regulation of Estrogen Receptor $\beta$ Transcriptional Activity in Breast Cancer. <i>Cancer Research</i> , 2006, 66, 8373-8381.	0.4	31
15	Regulation of ER $\alpha$ -mediated transcription of Bcl-2 by PI3K-AKT crosstalk: Implications for breast cancer cell survival. <i>International Journal of Oncology</i> , 2010, 37, 541-50.	1.4	30
16	Obesity-Altered Adipose Stem Cells Promote ER+ Breast Cancer Metastasis through Estrogen Independent Pathways. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1419.	1.8	29
17	A Ligand-Based Drug Design. Discovery of 4-Trifluoromethyl-7,8-pyrano-coumarin as a Selective Inhibitor of Human Cytochrome P450 1A2. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 6481-6493.	2.9	27
18	ZB716, a steroidal selective estrogen receptor degrader (SERD), is orally efficacious in blocking tumor growth in mouse xenograft models. <i>Oncotarget</i> , 2018, 9, 6924-6937.	0.8	27

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19	Organochlorine-mediated potentiation of the general coactivator p300 through p38 mitogen-activated protein kinase. <i>Carcinogenesis</i> , 2008, 30, 106-113.	1.3	26
20	Inhibition of p38-MAPK alters SRC coactivation and estrogen receptor phosphorylation. <i>Cancer Biology and Therapy</i> , 2012, 13, 1026-1033.	1.5	26
21	Phytoalexins, miRNAs and Breast Cancer: A Review of Phytochemical-mediated miRNA Regulation in Breast Cancer. <i>Journal of Health Care for the Poor and Underserved</i> , 2013, 24, 36-46.	0.4	24
22	Insulin-Like Growth Factor-1 Signaling Regulates miRNA Expression in MCF-7 Breast Cancer Cell Line. <i>PLoS ONE</i> , 2012, 7, e49067.	1.1	22
23	Disease-related mutations in cytochrome c oxidase studied in yeast and bacterial models. <i>FEBS Journal</i> , 2003, 270, 1222-1230.	0.2	21
24	G $\beta$ potentiates estrogen receptor $\beta$ activity via the ERK signaling pathway. <i>Journal of Endocrinology</i> , 2012, 214, 45-54.	1.2	20
25	Glyceollin, a novel regulator of mTOR/p70S6 in estrogen receptor positive breast cancer. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015, 150, 17-23.	1.2	18
26	Osteoinductive effects of glyceollins on adult mesenchymal stromal/stem cells from adipose tissue and bone marrow. <i>Phytomedicine</i> , 2017, 27, 39-51.	2.3	15
27	Characterization and Proteomic Analysis of Decellularized Adipose Tissue Hydrogels Derived from Lean and Overweight/Obese Human Donors. <i>Advanced Biology</i> , 2020, 4, e2000124.	3.0	14
28	ERK5 Is Required for Tumor Growth and Maintenance Through Regulation of the Extracellular Matrix in Triple Negative Breast Cancer. <i>Frontiers in Oncology</i> , 2020, 10, 1164.	1.3	13
29	Pharmacology and anti-tumor activity of RWJ67657, a novel inhibitor of p38 mitogen activated protein kinase. <i>American Journal of Cancer Research</i> , 2012, 2, 446-58.	1.4	13
30	Environmental signaling and reproduction: A comparative biological and chemical perspective. <i>Molecular and Cellular Endocrinology</i> , 2012, 354, 60-62.	1.6	12
31	Identification of quinones as novel PIM1 kinase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 3187-3191.	1.0	11
32	The myosin binding protein is a novel mineralocorticoid receptor binding partner. <i>Molecular and Cellular Endocrinology</i> , 2004, 217, 221-227.	1.6	9
33	Glyceollin Effects on MRP2 and BCRP in Caco-2 Cells, and Implications for Metabolic and Transport Interactions. <i>Journal of Pharmaceutical Sciences</i> , 2016, 105, 972-981.	1.6	9
34	Identification of quinones as HER2 inhibitors for the treatment of trastuzumab resistant breast cancer. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 126-131.	1.0	8
35	Glyceollin Transport, Metabolism, and Effects on P-Glycoprotein Function in Caco-2 Cells. <i>Journal of Medicinal Food</i> , 2014, 17, 462-471.	0.8	8
36	Acquisition of Letrozole Resistance Through Activation of the p38/MAPK Signaling Cascade. <i>Anticancer Research</i> , 2021, 41, 583-599.	0.5	6

#	ARTICLE	IF	CITATIONS
37	Purification of metal-dependent lysine deacetylases with consistently high activity. Protein Expression and Purification, 2018, 141, 1-6.	0.6	3
38	Identification of CYP 2A6 inhibitors in an effort to mitigate the harmful effects of the phytochemical nicotine. , 2021, 7, .		2
39	Using an in vitro fluidics approach to model the evolution of metastatic breast cancer reveals shear stress as a possible driver of genomic instability and somatic mutation. FASEB Journal, 2019, 33, .	0.2	1
40	Silencing the estrogen receptor promoter using DIF $\alpha$ 1, a naturally occurring differentiation molecule of the cellular slime mold Dictyostelium discoideum. FASEB Journal, 2012, 26, 673.6.	0.2	0
41	PAX3 $\alpha$ FOXO1 Directed Transcriptional Activation is Mediated by PAX3 and FOXO1 Recognition Sequences. FASEB Journal, 2015, 29, 877.16.	0.2	0