

# Mary Bebawy

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

68

papers

6,964

citations

29

h-index

76

g-index

76

ext. papers

9,359

ext. citations

5.9

avg, IF

5.63

L-index

#	Paper	IF	Citations
68	Membrane to cytosol redistribution of $\beta$ -spectrin drives extracellular vesicle biogenesis in malignant breast cells. <i>Proteomics</i> , <b>2021</b> , 21, e2000091	4.8	2
67	Targeting respiratory diseases using miRNA inhibitor based nanotherapeutics: Current status and future perspectives. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2021</b> , 31, 102303	6	7
66	Extracellular Vesicles in Chemoresistance. <i>Sub-Cellular Biochemistry</i> , <b>2021</b> , 97, 211-245	5.5	0
65	Targeting Cancer using Curcumin Encapsulated Vesicular Drug Delivery Systems. <i>Current Pharmaceutical Design</i> , <b>2021</b> , 27, 2-14	3.3	12
64	Ca mediates extracellular vesicle biogenesis through alternate pathways in malignancy. <i>Journal of Extracellular Vesicles</i> , <b>2020</b> , 9, 1734326	16.4	22
63	A liquid biopsy to detect multidrug resistance and disease burden in multiple myeloma. <i>Blood Cancer Journal</i> , <b>2020</b> , 10, 37	7	16
62	Curcumin-loaded niosomes downregulate mRNA expression of pro-inflammatory markers involved in asthma: an study. <i>Nanomedicine</i> , <b>2020</b> , 15, 2955-2970	5.6	5
61	Role of Lung Microbiome in Innate Immune Response Associated With Chronic Lung Diseases. <i>Frontiers in Medicine</i> , <b>2020</b> , 7, 554	4.9	17
60	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). <i>European Journal of Immunology</i> , <b>2019</b> , 49, 1457-1973	6.1	485
59	Liquid Biopsies in Cancer Diagnosis, Monitoring, and Prognosis. <i>Trends in Pharmacological Sciences</i> , <b>2019</b> , 40, 172-186	13.2	222
58	Proteins Regulating Microvesicle Biogenesis and Multidrug Resistance in Cancer. <i>Proteomics</i> , <b>2019</b> , 19, e1800165	4.8	29
57	Immunological axis of curcumin-loaded vesicular drug delivery systems. <i>Future Medicinal Chemistry</i> , <b>2018</b> , 10, 839-844	4.1	17
56	Circulating tumor DNA - Current state of play and future perspectives. <i>Pharmacological Research</i> , <b>2018</b> , 136, 35-44	10.2	23
55	Assessing the potential of liposomes loaded with curcumin as a therapeutic intervention in asthma. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2018</b> , 172, 51-59	6	47
54	Advancements in nano drug delivery systems: a challenge for biofilms in respiratory diseases. <i>Panminerva Medica</i> , <b>2018</b> , 60, 35-36	2	12
53	Nano-antibiotics: a novel approach in treating P. aeruginosa biofilm infections. <i>Minerva Medica</i> , <b>2018</b> , 109, 400	2.2	9
52	Novel drug delivery approaches in treating pulmonary fibrosis. <i>Panminerva Medica</i> , <b>2018</b> , 60, 238-240	2	6

51	Nanoparticle-based therapies as a modality in treating wounds and preventing biofilm. <i>Panminerva Medica</i> , <b>2018</b> , 60, 237-238	2	5
50	Therapeutic prospects of microRNAs in cancer treatment through nanotechnology. <i>Drug Delivery and Translational Research</i> , <b>2018</b> , 8, 97-110	6.2	21
49	Minimal information for studies of extracellular vesicles 2018 (MISEV2018): a position statement of the International Society for Extracellular Vesicles and update of the MISEV2014 guidelines. <i>Journal of Extracellular Vesicles</i> , <b>2018</b> , 7, 1535750	16.4	3642
48	Tumor suppressor role of miR-503. <i>Panminerva Medica</i> , <b>2018</b> , 60, 17-24	2	21
47	Role of the Tristetraprolin (Zinc Finger Protein 36 Homolog) Gene in Cancer. <i>Critical Reviews in Eukaryotic Gene Expression</i> , <b>2018</b> , 28, 217-221	1.3	12
46	Nanoparticles in Cancer Treatment: Opportunities and Obstacles. <i>Current Drug Targets</i> , <b>2018</b> , 19, 1696-1709	80	
45	Functional relevance of SATB1 in immune regulation and tumorigenesis. <i>Biomedicine and Pharmacotherapy</i> , <b>2018</b> , 104, 87-93	7.5	26
44	Microparticles shed from multidrug resistant breast cancer cells provide a parallel survival pathway through immune evasion. <i>BMC Cancer</i> , <b>2017</b> , 17, 104	4.8	24
43	A novel mechanism governing the transcriptional regulation of ABC transporters in MDR cancer cells. <i>Drug Delivery and Translational Research</i> , <b>2017</b> , 7, 276-285	6.2	17
42	Proteins regulating the intercellular transfer and function of P-glycoprotein in multidrug-resistant cancer. <i>Ecancermedicalscience</i> , <b>2017</b> , 11, 768	2.7	17
41	Synthesis and in vitro biological evaluation of thiosulfinate derivatives for the treatment of human multidrug-resistant breast cancer. <i>Acta Pharmacologica Sinica</i> , <b>2017</b> , 38, 1353-1368	8	16
40	Calcium-calpain Dependent Pathways Regulate Vesiculation in Malignant Breast Cells. <i>Current Cancer Drug Targets</i> , <b>2017</b> , 17, 486-494	2.8	12
39	Application of Chitosan and its Derivatives in Nanocarrier Based Pulmonary Drug Delivery Systems. <i>Pharmaceutical Nanotechnology</i> , <b>2017</b> , 5, 243-249	4	24
38	Multiple myeloma and persistence of drug resistance in the age of novel drugs (Review). <i>International Journal of Oncology</i> , <b>2016</b> , 49, 33-50	4.4	23
37	Isolation of Human CD138(+) Microparticles from the Plasma of Patients with Multiple Myeloma. <i>Neoplasia</i> , <b>2016</b> , 18, 25-32	6.4	40
36	The Role of CD44 and ERM Proteins in Expression and Functionality of P-glycoprotein in Breast Cancer Cells. <i>Molecules</i> , <b>2016</b> , 21, 290	4.8	38
35	A novel method to detect translation of membrane proteins following microvesicle intercellular transfer of nucleic acids. <i>Journal of Biochemistry</i> , <b>2016</b> , 160, 281-289	3.1	8
34	Deciphering Cell-to-Cell Communication in Acquisition of Cancer Traits: Extracellular Membrane Vesicles Are Regulators of Tissue Biomechanics. <i>OMICS A Journal of Integrative Biology</i> , <b>2016</b> , 20, 462-9	3.8	15

33	Microparticles in cancer: A review of recent developments and the potential for clinical application. <i>Seminars in Cell and Developmental Biology</i> , <b>2015</b> , 40, 35-40	7.5	50
32	Fabrication of Curcumin Micellar Nanoparticles with Enhanced Anti-Cancer Activity. <i>Journal of Biomedical Nanotechnology</i> , <b>2015</b> , 11, 1093-105	4	46
31	MRP1 and its role in anticancer drug resistance. <i>Drug Metabolism Reviews</i> , <b>2015</b> , 47, 406-19	7	81
30	An analysis of the therapeutic benefits of genotyping in pediatric hematopoietic stem cell transplantation. <i>Future Oncology</i> , <b>2015</b> , 11, 833-51	3.6	2
29	Anti-tumor activities of lipids and lipid analogues and their development as potential anticancer drugs. <i>Pharmacology &amp; Therapeutics</i> , <b>2015</b> , 150, 109-28	13.9	42
28	Targeting microparticle biogenesis: a novel approach to the circumvention of cancer multidrug resistance. <i>Current Cancer Drug Targets</i> , <b>2015</b> , 15, 205-14	2.8	29
27	Inhibition of the multidrug resistance P-glycoprotein: time for a change of strategy?. <i>Drug Metabolism and Disposition</i> , <b>2014</b> , 42, 623-31	4	260
26	Cellular communication via microparticles: role in transfer of multidrug resistance in cancer. <i>Future Oncology</i> , <b>2014</b> , 10, 655-69	3.6	26
25	Proteome analysis of multidrug-resistant, breast cancer-derived microparticles. <i>Journal of Extracellular Vesicles</i> , <b>2014</b> , 3,	16.4	38
24	In vitro and ex vivo methods predict the enhanced lung residence time of liposomal ciprofloxacin formulations for nebulisation. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2014</b> , 86, 83-9	5.7	39
23	Microparticles Mediate the Intercellular Regulation of microRNA-503 and Proline-Rich Tyrosine Kinase 2 to Alter the Migration and Invasion Capacity of Breast Cancer Cells. <i>Frontiers in Oncology</i> , <b>2014</b> , 4, 220	5.3	24
22	Microparticles mediate MRP1 intercellular transfer and the re-templating of intrinsic resistance pathways. <i>Pharmacological Research</i> , <b>2013</b> , 76, 77-83	10.2	62
21	Microparticle drug sequestration provides a parallel pathway in the acquisition of cancer drug resistance. <i>European Journal of Pharmacology</i> , <b>2013</b> , 721, 116-25	5.3	50
20	Multiple dosing of simvastatin inhibits airway mucus production of epithelial cells: implications in the treatment of chronic obstructive airway pathologies. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2013</b> , 84, 566-72	5.7	20
19	Ciprofloxacin is actively transported across bronchial lung epithelial cells using a Calu-3 air interface cell model. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2013</b> , 57, 2535-40	5.9	37
18	Fluticasone uptake across Calu-3 cells is mediated by salmeterol when deposited as a combination powder inhaler. <i>Respirology</i> , <b>2013</b> , 18, 1197-201	3.6	19
17	Glioma microvesicles carry selectively packaged coding and non-coding RNAs which alter gene expression in recipient cells. <i>RNA Biology</i> , <b>2013</b> , 10, 1333-44	4.8	181
16	Cell-derived microparticles: new targets in the therapeutic management of disease. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , <b>2013</b> , 16, 238-53	3.4	33

15	Breast cancer-derived microparticles display tissue selectivity in the transfer of resistance proteins to cells. <i>PLoS ONE</i> , <b>2013</b> , 8, e61515	3.7	79
14	Curcumin and its derivatives: their application in neuropharmacology and neuroscience in the 21st century. <i>Current Neuropharmacology</i> , <b>2013</b> , 11, 338-78	7.6	313
13	ABCB1 (P-glycoprotein) reduces bacterial attachment to human gastrointestinal LS174T epithelial cells. <i>European Journal of Pharmacology</i> , <b>2012</b> , 689, 204-10	5.3	4
12	Modification of disodium cromoglycate passage across lung epithelium in vitro via incorporation into polymeric microparticles. <i>AAPS Journal</i> , <b>2012</b> , 14, 79-86	3.7	4
11	Deposition, diffusion and transport mechanism of dry powder microparticulate salbutamol, at the respiratory epithelia. <i>Molecular Pharmaceutics</i> , <b>2012</b> , 9, 1717-26	5.6	44
10	Microparticle conferred microRNA profiles--implications in the transfer and dominance of cancer traits. <i>Molecular Cancer</i> , <b>2012</b> , 11, 37	42.1	86
9	Microparticle-associated nucleic acids mediate trait dominance in cancer. <i>FASEB Journal</i> , <b>2012</b> , 26, 420-90.9	9	95
8	Chronic obstructive pulmonary disease: patho-physiology, current methods of treatment and the potential for simvastatin in disease management. <i>Expert Opinion on Drug Delivery</i> , <b>2011</b> , 8, 1205-20	8	35
7	Epithelial profiling of antibiotic controlled release respiratory formulations. <i>Pharmaceutical Research</i> , <b>2011</b> , 28, 2327-38	4.5	40
6	Modulation of P-glycoprotein-mediated anticancer drug accumulation, cytotoxicity, and ATPase activity by flavonoid interactions. <i>Nutrition and Cancer</i> , <b>2011</b> , 63, 435-43	2.8	25
5	Time- and passage-dependent characteristics of a Calu-3 respiratory epithelial cell model. <i>Drug Development and Industrial Pharmacy</i> , <b>2010</b> , 36, 1207-14	3.6	86
4	Characterization of PXR mediated P-glycoprotein regulation in intestinal LS174T cells. <i>Pharmacological Research</i> , <b>2010</b> , 62, 426-31	10.2	22
3	Differential pharmacological regulation of drug efflux and pharmacoresistant schizophrenia. <i>BioEssays</i> , <b>2008</b> , 30, 183-8	4.1	24
2	Dynamic and intracellular trafficking of P-glycoprotein-EGFP fusion protein: Implications in multidrug resistance in cancer. <i>International Journal of Cancer</i> , <b>2004</b> , 109, 174-81	7.5	56
1	A continuous fluorescence assay for the study of P-glycoprotein-mediated drug efflux using inside-out membrane vesicles. <i>Analytical Biochemistry</i> , <b>1999</b> , 268, 270-7	3.1	26