

Mary Bebawy

List of Publications by Year in descending order

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Version: 2024-02-01

76
papers

11,575
citations

126858

33
h-index

95218

68
g-index

76
all docs

76
docs citations

76
times ranked

19794
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeting respiratory diseases using miRNA inhibitor based nanotherapeutics: Current status and future perspectives. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2021, 31, 102303.	1.7	16
2	Extracellular Vesicles in Chemoresistance. <i>Sub-Cellular Biochemistry</i> , 2021, 97, 211-245.	1.0	3
3	Targeting Cancer using Curcumin Encapsulated Vesicular Drug Delivery Systems. <i>Current Pharmaceutical Design</i> , 2021, 27, 2-14.	0.9	29
4	Membrane to cytosol redistribution of β -spectrin drives extracellular vesicle biogenesis in malignant breast cells. <i>Proteomics</i> , 2021, 21, 2000091.	1.3	4
5	Ca^{2+} mediates extracellular vesicle biogenesis through alternate pathways in malignancy. <i>Journal of Extracellular Vesicles</i> , 2020, 9, 1734326.	5.5	55
6	A liquid biopsy to detect multidrug resistance and disease burden in multiple myeloma. <i>Blood Cancer Journal</i> , 2020, 10, 37.	2.8	24
7	Recent advances in experimental animal models of lung cancer. <i>Future Medicinal Chemistry</i> , 2020, 12, 567-570.	1.1	25
8	Curcumin-loaded niosomes downregulate mRNA expression of pro-inflammatory markers involved in asthma: an <i>in vitro</i> study. <i>Nanomedicine</i> , 2020, 15, 2955-2970.	1.7	8
9	Role of Lung Microbiome in Innate Immune Response Associated With Chronic Lung Diseases. <i>Frontiers in Medicine</i> , 2020, 7, 554.	1.2	43
10	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). <i>European Journal of Immunology</i> , 2019, 49, 1457-1973.	1.6	766
11	Liquid Biopsies in Cancer Diagnosis, Monitoring, and Prognosis. <i>Trends in Pharmacological Sciences</i> , 2019, 40, 172-186.	4.0	393
12	Proteins Regulating Microvesicle Biogenesis and Multidrug Resistance in Cancer. <i>Proteomics</i> , 2019, 19, e1800165.	1.3	37
13	Immunological axis of curcumin-loaded vesicular drug delivery systems. <i>Future Medicinal Chemistry</i> , 2018, 10, 839-844.	1.1	19
14	Therapeutic prospects of microRNAs in cancer treatment through nanotechnology. <i>Drug Delivery and Translational Research</i> , 2018, 8, 97-110.	3.0	31
15	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> , 2018, 7, 1535750.	5.5	6,961
16	Tumor suppressor role of miR-503. <i>Panminerva Medica</i> , 2018, 60, 17-24.	0.2	49
17	Role of the Tristetraprolin (Zinc Finger Protein 36 Homolog) Gene in Cancer. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2018, 28, 217-221.	0.4	28
18	Nanoparticles in Cancer Treatment: Opportunities and Obstacles. <i>Current Drug Targets</i> , 2018, 19, 1696-1709.	1.0	145

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19	Functional relevance of SATB1 in immune regulation and tumorigenesis. <i>Biomedicine and Pharmacotherapy</i> , 2018, 104, 87-93.	2.5	37
20	Circulating tumor DNA “ Current state of play and future perspectives. <i>Pharmacological Research</i> , 2018, 136, 35-44.	3.1	31
21	Assessing the potential of liposomes loaded with curcumin as a therapeutic intervention in asthma. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 172, 51-59.	2.5	79
22	Advancements in nano drug delivery systems: a challenge for biofilms in respiratory diseases. <i>Panminerva Medica</i> , 2018, 60, 35-36.	0.2	13
23	Application of Chitosan and its Derivatives in Nanocarrier Based Pulmonary Drug Delivery Systems. <i>Pharmaceutical Nanotechnology</i> , 2018, 5, 243-249.	0.6	25
24	Nano-antibiotics: a novel approach in treating <i>P. aeruginosa</i> biofilm infections. <i>Minerva Medica</i> , 2018, 109, 400.	0.3	9
25	Novel drug delivery approaches in treating pulmonary fibrosis. <i>Panminerva Medica</i> , 2018, 60, 238-240.	0.2	8
26	Nanoparticle-based therapies as a modality in treating wounds and preventing biofilm. <i>Panminerva Medica</i> , 2018, 60, 237-238.	0.2	5
27	Microparticles shed from multidrug resistant breast cancer cells provide a parallel survival pathway through immune evasion. <i>BMC Cancer</i> , 2017, 17, 104.	1.1	36
28	A novel mechanism governing the transcriptional regulation of ABC transporters in MDR cancer cells. <i>Drug Delivery and Translational Research</i> , 2017, 7, 276-285.	3.0	27
29	Synthesis and in vitro biological evaluation of thiosulfinate derivatives for the treatment of human multidrug-resistant breast cancer. <i>Acta Pharmacologica Sinica</i> , 2017, 38, 1353-1368.	2.8	28
30	Proteins regulating the intercellular transfer and function of P-glycoprotein in multidrug-resistant cancer. <i>Ecancermedicinescience</i> , 2017, 11, 768.	0.6	25
31	Calcium-calpain Dependent Pathways Regulate Vesiculation in Malignant Breast Cells. <i>Current Cancer Drug Targets</i> , 2017, 17, 486-494.	0.8	15
32	The Role of CD44 and ERM Proteins in Expression and Functionality of P-glycoprotein in Breast Cancer Cells. <i>Molecules</i> , 2016, 21, 290.	1.7	45
33	A novel method to detect translation of membrane proteins following microvesicle intercellular transfer of nucleic acids. <i>Journal of Biochemistry</i> , 2016, 160, 281-289.	0.9	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> , 2016, 20, 462-469.	1.0	19
35	Multiple myeloma and persistence of drug resistance in the age of novel drugs (Review). <i>International Journal of Oncology</i> , 2016, 49, 33-50.	1.4	29
36	Isolation of Human CD138+ Microparticles from the Plasma of Patients with Multiple Myeloma. <i>Neoplasia</i> , 2016, 18, 25-32.	2.3	54

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37	Abstract 5114: The role of microvesicles on immune function in response to cancer. , 2016, , .		0
38	Abstract 249: Breast cancer cell vesiculation is driven by calpain: implications in cancer therapy. , 2016, , .		0
39	An analysis of the therapeutic benefits of genotyping in pediatric hematopoietic stem cell transplantation. <i>Future Oncology</i> , 2015, 11, 833-851.	1.1	3
40	Anti-tumor activities of lipids and lipid analogues and their development as potential anticancer drugs. , 2015, 150, 109-128.		61
41	Microparticles in cancer: A review of recent developments and the potential for clinical application. <i>Seminars in Cell and Developmental Biology</i> , 2015, 40, 35-40.	2.3	65
42	Fabrication of Curcumin Micellar Nanoparticles with Enhanced Anti-Cancer Activity. <i>Journal of Biomedical Nanotechnology</i> , 2015, 11, 1093-1105.	0.5	62
43	MRP1 and its role in anticancer drug resistance. <i>Drug Metabolism Reviews</i> , 2015, 47, 406-419.	1.5	110
44	Targeting Microparticle Biogenesis: A Novel Approach to the Circumvention of Cancer Multidrug Resistance. <i>Current Cancer Drug Targets</i> , 2015, 15, 205-214.	0.8	39
45	Abstract PR08: Microparticles derived from drug-resistant cells regulate miR-503 and PYK2 to promote migration and invasion in breast cancer. , 2015, , .		0
46	Abstract B52: A novel personalized therapeutic management in multiple myeloma. , 2015, , .		0
47	Abstract B19: Functional translation of total RNA packaged in microparticles shed from multidrug resistant cancer cells. , 2015, , .		0
48	Abstract B45: Multiple myeloma: A novel tailor-made therapeutic management.. , 2015, , .		0
49	Abstract 5306: Microparticles as novel prognostic markers in multiple myeloma. , 2015, , .		0
50	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> , 2014, 86, 83-89.	2.0	46
51	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> , 2014, 4, 220.	1.3	31
52	Inhibition of the Multidrug Resistance P-Glycoprotein: Time for a Change of Strategy?. <i>Drug Metabolism and Disposition</i> , 2014, 42, 623-631.	1.7	330
53	Cellular communication via microparticles: role in transfer of multidrug resistance in cancer. <i>Future Oncology</i> , 2014, 10, 655-669.	1.1	34
54	Proteome analysis of multidrug-resistant, breast cancer-derived microparticles. <i>Journal of Extracellular Vesicles</i> , 2014, 3, .	5.5	45

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55	Microparticles mediate MRP1 intercellular transfer and the re-templating of intrinsic resistance pathways. <i>Pharmacological Research</i> , 2013, 76, 77-83.	3.1	72
56	Microparticle drug sequestration provides a parallel pathway in the acquisition of cancer drug resistance. <i>European Journal of Pharmacology</i> , 2013, 721, 116-125.	1.7	66
57	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> , 2013, 84, 566-572.	2.0	23
58	Ciprofloxacin Is Actively Transported across Bronchial Lung Epithelial Cells Using a Calu-3 Air Interface Cell Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 2535-2540.	1.4	49
59	Fluticasone uptake across Calu-3 cells is mediated by salmeterol when deposited as a combination powder inhaler. <i>Respirology</i> , 2013, 18, 1197-1201.	1.3	23
60	Glioma microvesicles carry selectively packaged coding and non-coding RNAs which alter gene expression in recipient cells. <i>RNA Biology</i> , 2013, 10, 1333-1344.	1.5	210
61	Cell-Derived Microparticles: New Targets in the Therapeutic Management of Disease. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2013, 16, 238.	0.9	41
62	Breast Cancer-Derived Microparticles Display Tissue Selectivity in the Transfer of Resistance Proteins to Cells. <i>PLoS ONE</i> , 2013, 8, e61515.	1.1	92
63	Curcumin and its Derivatives: Their Application in Neuropharmacology and Neuroscience in the 21st Century. <i>Current Neuropharmacology</i> , 2013, 11, 338-378.	1.4	422
64	Microparticle-associated nucleic acids mediate trait dominance in cancer. <i>FASEB Journal</i> , 2012, 26, 420-429.	0.2	108
65	Modification of Disodium Cromoglycate Passage Across Lung Epithelium In Vitro Via Incorporation into Polymeric Microparticles. <i>AAPS Journal</i> , 2012, 14, 79-86.	2.2	4
66	Deposition, Diffusion and Transport Mechanism of Dry Powder Microparticulate Salbutamol, at the Respiratory Epithelia. <i>Molecular Pharmaceutics</i> , 2012, 9, 1717-1726.	2.3	51
67	Microparticle conferred microRNA profiles - implications in the transfer and dominance of cancer traits. <i>Molecular Cancer</i> , 2012, 11, 37.	7.9	93
68	ABCB1 (P-glycoprotein) reduces bacterial attachment to human gastrointestinal LS174T epithelial cells. <i>European Journal of Pharmacology</i> , 2012, 689, 204-210.	1.7	4
69	Modulation of P-glycoprotein-Mediated Anticancer Drug Accumulation, Cytotoxicity, and ATPase Activity by Flavonoid Interactions. <i>Nutrition and Cancer</i> , 2011, 63, 435-443.	0.9	30
70	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> , 2011, 8, 1205-1220.	2.4	45
71	Epithelial Profiling of Antibiotic Controlled Release Respiratory Formulations. <i>Pharmaceutical Research</i> , 2011, 28, 2327-2338.	1.7	45
72	Time- and passage-dependent characteristics of a Calu-3 respiratory epithelial cell model. <i>Drug Development and Industrial Pharmacy</i> , 2010, 36, 1207-1214.	0.9	98

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73	Characterization of PXR mediated P-glycoprotein regulation in intestinal LS174T cells. <i>Pharmacological Research</i> , 2010, 62, 426-431.	3.1	27
74	Differential pharmacological regulation of drug efflux and pharmacoresistant schizophrenia. <i>BioEssays</i> , 2008, 30, 183-188.	1.2	27
75	Dynamic and intracellular trafficking of P-glycoprotein-EGFP fusion protein: Implications in multidrug resistance in cancer. <i>International Journal of Cancer</i> , 2004, 109, 174-181.	2.3	62
76	A Continuous Fluorescence Assay for the Study of P-Glycoprotein-Mediated Drug Efflux Using Inside-Out Membrane Vesicles. <i>Analytical Biochemistry</i> , 1999, 268, 270-277.	1.1	28