

Emanuela Felley-Bosco

List of Publications by Citations

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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.

92 papers	2,832 citations	30 h-index	50 g-index
102 ext. papers	3,289 ext. citations	8.6 avg, IF	5.13 L-index

#	Paper	IF	Citations
92	Nitric oxide-induced p53 accumulation and regulation of inducible nitric oxide synthase expression by wild-type p53. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996 , 93, 2442-7	11.5	372
91	Long Noncoding RNAs in Cancer and Therapeutic Potential. <i>Advances in Experimental Medicine and Biology</i> , 2017 , 1008, 199-222	3.6	181
90	Mesothelioma: Scientific clues for prevention, diagnosis, and therapy. <i>Ca-A Cancer Journal for Clinicians</i> , 2019 , 69, 402-429	220.7	162
89	Caveolin-1 down-regulates inducible nitric oxide synthase via the proteasome pathway in human colon carcinoma cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000 , 97, 14334-9	11.5	120
88	Functional inactivation of NF2/merlin in human mesothelioma. <i>Lung Cancer</i> , 2009 , 64, 140-7	5.9	111
87	Role of nitric oxide in genotoxicity: implication for carcinogenesis. <i>Cancer and Metastasis Reviews</i> , 1998 , 17, 25-37	9.6	104
86	Proteomic analysis of cytokine induced proteins in human intestinal epithelial cells: implications for inflammatory bowel diseases. <i>Proteomics</i> , 2002 , 2, 551-60	4.8	100
85	Starvation-induced activation of ATM/Chk2/p53 signaling sensitizes cancer cells to cisplatin. <i>BMC Cancer</i> , 2012 , 12, 571	4.8	92
84	Dominant negative MyD88 proteins inhibit interleukin-1beta /interferon-gamma -mediated induction of nuclear factor kappa B-dependent nitrite production and apoptosis in beta cells. <i>Journal of Biological Chemistry</i> , 2000 , 275, 37672-8	5.4	67
83	GAS5 long non-coding RNA in malignant pleural mesothelioma. <i>Molecular Cancer</i> , 2014 , 13, 119	42.1	64
82	A genotypic mutation system measuring mutations in restriction recognition sequences. <i>Nucleic Acids Research</i> , 1991 , 19, 2913-9	20.1	53
81	Human agonistic TRAIL receptor antibodies Mapatumumab and Lexatumumab induce apoptosis in malignant mesothelioma and act synergistically with cisplatin. <i>Molecular Cancer</i> , 2007 , 6, 66	42.1	52
80	Role of hedgehog signaling in malignant pleural mesothelioma. <i>Clinical Cancer Research</i> , 2012 , 18, 4646-56.9	56.9	47
79	Inhibition of REV3 expression induces persistent DNA damage and growth arrest in cancer cells. <i>Neoplasia</i> , 2011 , 13, 961-70	6.4	46
78	Induction of senescence markers after neo-adjuvant chemotherapy of malignant pleural mesothelioma and association with clinical outcome: an exploratory analysis. <i>European Journal of Cancer</i> , 2011 , 47, 326-32	7.5	46
77	Hippo/YAP pathway for targeted therapy. <i>Translational Lung Cancer Research</i> , 2014 , 3, 75-83	4.4	46
76	Expression of the inducible NO synthase in human monocytic U937 cells allows high output nitric oxide production. <i>Journal of Leukocyte Biology</i> , 1999 , 65, 50-8	6.5	41

75	Identification of a seven glycopeptide signature for malignant pleural mesothelioma in human serum by selected reaction monitoring. <i>Clinical Proteomics</i> , 2013 , 10, 16	5	40
74	Transition mutation in codon 248 of the p53 tumor suppressor gene induced by reactive oxygen species and a nitric oxide-releasing compound. <i>Carcinogenesis</i> , 2000 , 21, 281-7	4.6	38
73	A Novel BRCA1-Associated Protein-1 Isoform Affects Response of Mesothelioma Cells to Drugs Impairing BRCA1-Mediated DNA Repair. <i>Journal of Thoracic Oncology</i> , 2017 , 12, 1309-1319	8.9	37
72	Inhibition of autophagy sensitizes malignant pleural mesothelioma cells to dual PI3K/mTOR inhibitors. <i>Cell Death and Disease</i> , 2015 , 6, e1757	9.8	36
71	Fate of cadmium in rat renal tubules: a microinjection study. <i>Toxicology and Applied Pharmacology</i> , 1987 , 91, 204-11	4.6	36
70	Constitutive expression of inducible nitric oxide synthase in human bronchial epithelial cells induces c-fos and stimulates the cGMP pathway. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1994 , 11, 159-64	5.7	35
69	Nitric oxide and ethylnitrosourea: relative mutagenicity in the p53 tumor suppressor and hypoxanthine-phosphoribosyltransferase genes. <i>Carcinogenesis</i> , 1995 , 16, 2069-74	4.6	34
68	Src-mediated phosphorylation regulates subcellular distribution and activity of human inducible nitric oxide synthase. <i>Oncogene</i> , 2006 , 25, 198-206	9.2	33
67	Caveolin-1-mediated post-transcriptional regulation of inducible nitric oxide synthase in human colon carcinoma cells. <i>Biological Research</i> , 2002 , 35, 169-76	7.6	33
66	Gemcitabine Synergizes with Immune Checkpoint Inhibitors and Overcomes Resistance in a Preclinical Model and Mesothelioma Patients. <i>Clinical Cancer Research</i> , 2018 , 24, 6345-6354	12.9	31
65	Prevalence of BRCA-1 associated protein 1 germline mutation in sporadic malignant pleural mesothelioma cases. <i>Lung Cancer</i> , 2015 , 87, 77-9	5.9	30
64	How asbestos drives the tissue towards tumors: YAP activation, macrophage and mesothelial precursor recruitment, RNA editing, and somatic mutations. <i>Oncogene</i> , 2018 , 37, 2645-2659	9.2	30
63	Pleural mesothelioma side populations have a precursor phenotype. <i>Carcinogenesis</i> , 2011 , 32, 1324-32	4.6	30
62	Establishment of immortalized murine mesothelial cells and a novel mesothelioma cell line. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2015 , 51, 714-21	2.6	29
61	Searching for targets for the systemic therapy of mesothelioma. <i>Annals of Oncology</i> , 2015 , 26, 1649-60	10.3	28
60	Heme oxygenase-1 induction by endogenous nitric oxide: influence of intracellular glutathione. <i>FEBS Letters</i> , 2003 , 546, 223-7	3.8	28
59	Low Merlin expression and high Survivin labeling index are indicators for poor prognosis in patients with malignant pleural mesothelioma. <i>Molecular Oncology</i> , 2016 , 10, 1255-65	7.9	27
58	The "don't eat me" signal CD47 is a novel diagnostic biomarker and potential therapeutic target for diffuse malignant mesothelioma. <i>Oncot Immunology</i> , 2017 , 7, e1373235	7.2	26

57	PI3K/mTOR signaling in mesothelioma patients treated with induction chemotherapy followed by extrapleural pneumonectomy. <i>Journal of Thoracic Oncology</i> , 2014 , 9, 239-47	8.9	26
56	Inhibition of phosphoinositide-3 kinase pathway down regulates ABCG2 function and sensitizes malignant pleural mesothelioma to chemotherapy. <i>Lung Cancer</i> , 2012 , 78, 23-9	5.9	25
55	Oxidative stress in gastric mucosa of asymptomatic humans infected with <i>Helicobacter pylori</i> : effect of bacterial eradication. <i>Helicobacter</i> , 2002 , 7, 342-8	4.9	24
54	Proteomic surfaceome analysis of mesothelioma. <i>Lung Cancer</i> , 2012 , 75, 189-96	5.9	23
53	Proteomics and chronic inflammatory bowel diseases. <i>Pathology Research and Practice</i> , 2004 , 200, 129-33	4	23
52	Stem Cell Factor-Based Identification and Functional Properties of In Vitro-Selected Subpopulations of Malignant Mesothelioma Cells. <i>Stem Cell Reports</i> , 2017 , 8, 1005-1017	8	22
51	CD74: a new prognostic factor for patients with malignant pleural mesothelioma. <i>British Journal of Cancer</i> , 2014 , 110, 2040-6	8.7	20
50	Structural and functional properties of two human FXD3 (Mat-8) isoforms. <i>Journal of Biological Chemistry</i> , 2006 , 281, 39142-51	5.4	20
49	Differential effects of lovastatin on cisplatin responses in normal human mesothelial cells versus cancer cells: implication for therapy. <i>PLoS ONE</i> , 2012 , 7, e45354	3.7	19
48	Polarized distribution of inducible nitric oxide synthase regulates activity in intestinal epithelial cells. <i>FEBS Journal</i> , 2005 , 272, 444-53	5.7	19
47	Involvement of a transforming-growth-factor-beta-like molecule in tumor-cell-derived inhibition of nitric-oxide synthesis in cerebral endothelial cells. <i>International Journal of Cancer</i> , 1995 , 62, 743-8	7.5	18
46	Fate of cadmium in rat renal tubules: a micropuncture study. <i>Toxicology and Applied Pharmacology</i> , 1989 , 98, 243-51	4.6	17
45	Antagonizing the Hedgehog Pathway with Vismodegib Impairs Malignant Pleural Mesothelioma Growth In Vivo by Affecting Stroma. <i>Molecular Cancer Therapeutics</i> , 2016 , 15, 1095-105	6.1	16
44	Dietary calcium restriction enhances cadmium-induced metallothionein synthesis in rats. <i>Toxicology Letters</i> , 1992 , 60, 139-44	4.4	15
43	Overexpression or absence of calretinin in mouse primary mesothelial cells inversely affects proliferation and cell migration. <i>Respiratory Research</i> , 2015 , 16, 153	7.3	14
42	Inducible nitric oxide synthase-dependent stimulation of PKGI and phosphorylation of VASP in human embryonic kidney cells. <i>Biochemical Pharmacology</i> , 2005 , 69, 595-602	6	14
41	Hedgehog Signaling in Malignant Pleural Mesothelioma. <i>Genes</i> , 2015 , 6, 500-11	4.2	13
40	Impairment of glucose disposal by infusion of triglycerides in humans: role of glycemia. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1989 , 256, E747-52	6	13

39	Putative cancer stem cells may be the key target to inhibit cancer cell repopulation between the intervals of chemoradiation in murine mesothelioma. <i>BMC Cancer</i> , 2018 , 18, 471	4.8	12
38	Asbestos: Modern Insights for Toxicology in the Era of Engineered Nanomaterials. <i>Chemical Research in Toxicology</i> , 2018 , 31, 994-1008	4	12
37	Functional Genomic Screen in Mesothelioma Reveals that Loss of Function of BRCA1-Associated Protein 1 Induces Chemoresistance to Ribonucleotide Reductase Inhibition. <i>Molecular Cancer Therapeutics</i> , 2020 , 19, 552-563	6.1	11
36	Whole genome RNAi screens reveal a critical role of REV3 in coping with replication stress. <i>Molecular Oncology</i> , 2014 , 8, 1747-59	7.9	11
35	Cadmium uptake and induction of metallothionein synthesis in a renal epithelial cell line (LLC-PK1). <i>Archives of Toxicology</i> , 1991 , 65, 160-3	5.8	11
34	Live-Cell Mesothelioma Biobank to Explore Mechanisms of Tumor Progression. <i>Frontiers in Oncology</i> , 2018 , 8, 40	5.3	10
33	Autophagy Correlates with the Therapeutic Responsiveness of Malignant Pleural Mesothelioma in 3D Models. <i>PLoS ONE</i> , 2015 , 10, e0134825	3.7	10
32	Malignant pleural mesothelioma. <i>Future Oncology</i> , 2009 , 5, 391-402	3.6	10
31	Expression of the Stem Cell Factor Nestin in Malignant Pleural Mesothelioma Is Associated with Poor Prognosis. <i>PLoS ONE</i> , 2015 , 10, e0139312	3.7	9
30	Immuno-chemotherapy reduces recurrence of malignant pleural mesothelioma: an experimental setting. <i>European Journal of Cardio-thoracic Surgery</i> , 2009 , 35, 457-62	3	9
29	Identification of cis- and trans-acting elements regulating calretinin expression in mesothelioma cells. <i>Oncotarget</i> , 2016 , 7, 21272-86	3.3	9
28	Information transfer between large and small two-dimensional polyacrylamide gel electrophoresis. <i>Electrophoresis</i> , 1999 , 20, 3508-13	3.6	8
27	Rscreenorm: normalization of CRISPR and siRNA screen data for more reproducible hit selection. <i>BMC Bioinformatics</i> , 2018 , 19, 301	3.6	6
26	Non-Coding Transcript Heterogeneity in Mesothelioma: Insights from Asbestos-Exposed Mice. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	5
25	miR-625-3p and lncRNA GAS5 in Liquid Biopsies for Predicting the Outcome of Malignant Pleural Mesothelioma Patients Treated with Neo-Adjuvant Chemotherapy and Surgery. <i>Non-coding RNA</i> , 2019 , 5,	7.1	5
24	Posttranscriptional Regulation Controls Calretinin Expression in Malignant Pleural Mesothelioma. <i>Frontiers in Genetics</i> , 2017 , 8, 70	4.5	5
23	Postanoxic functional recovery of the developing heart is slightly altered by endogenous or exogenous nitric oxide. <i>Molecular and Cellular Biochemistry</i> , 2003 , 252, 53-63	4.2	5
22	The nitric oxide pathway in pig isolated calyceal smooth muscle. <i>Neurourology and Urodynamics</i> , 1999 , 18, 673-85	2.3	5

21	Progress of malignant mesothelioma research in basic science: A review of the 14th international conference of the international mesothelioma interest group (iMig2018). <i>Lung Cancer</i> , 2019 , 127, 138-145	5.9	5
20	Bioluminescence imaging for in vivo monitoring of local recurrence mesothelioma model. <i>Lung Cancer</i> , 2011 , 71, 370-1	5.9	4
19	BAP1 Missense Mutations in Cancer: Friend or Foe?. <i>Trends in Cancer</i> , 2019 , 5, 659-662	12.5	4
18	Desthiobiotin-Streptavidin-Affinity Mediated Purification of RNA-Interacting Proteins in Mesothelioma Cells. <i>Journal of Visualized Experiments</i> , 2018 ,	1.6	3
17	L-tyrosine and nitric oxide synergize to prevent cytotoxic effects of superoxide. <i>Toxicology</i> , 2001 , 165, 163-70	4.4	3
16	Hand2 delineates mesothelium progenitors and is reactivated in mesothelioma		3
15	Mesothelioma Driver Genes, Ferroptosis, and Therapy. <i>Frontiers in Oncology</i> , 2019 , 9, 1318	5.3	3
14	Hand2 delineates mesothelium progenitors and is reactivated in mesothelioma.. <i>Nature Communications</i> , 2022 , 13, 1677	17.4	3
13	Reply to: Oncolytic Viral Therapy for Malignant Pleural Mesothelioma. <i>Journal of Thoracic Oncology</i> , 2020 , 15, e113-e116	8.9	2
12	Species specificity at the molecular level: the case of nitric oxide synthases. <i>Archives of Toxicology Supplement</i> , 1995 , 17, 357-66		2
11	Genome-wide silencing screen in mesothelioma cells reveals that loss of function of BAP1 induces chemoresistance to ribonucleotide reductase inhibition: implication for therapy		2
10	Endogenous retrovirus expression activates type-I interferon signaling in an experimental mouse model of mesothelioma development. <i>Cancer Letters</i> , 2021 , 507, 26-38	9.9	2
9	Alterations in Are Associated with Cisplatin Resistance through Inhibition of Apoptosis in Malignant Pleural Mesothelioma. <i>Clinical Cancer Research</i> , 2021 , 27, 2277-2291	12.9	2
8	A mammalian mutation system avoiding phenotypic selection: the RFLP/PCR approach. <i>Progress in Clinical and Biological Research</i> , 1990 , 347, 187-200		1
7	How asbestos drives the tissue towards tumors: YAP activation, macrophage and mesothelial precursor recruitment, RNA editing and somatic mutations		1
6	Verification of a Blood-Based Targeted Proteomics Signature for Malignant Pleural Mesothelioma. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2020 , 29, 1973-1982	4	1
5	RNA editing in mesothelioma: a look forward. <i>Open Biology</i> , 2020 , 10, 200112	7	1
4	Hedgehog Signaling in Mesothelioma: 2019 Status. <i>Frontiers in Genetics</i> , 2019 , 10, 1121	4.5	1

- 3 Mesothelioma **2008**, 205-222 O
- 2 Mesothelioma **2012**, 141-150
- 1 Chemotherapy of Malignant Pleural Mesothelioma Induces Both Senescence and Apoptosis **2013**, 261-268