

# Rosa Angela Cardone

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

2,720  
citations

257450

24  
h-index

330143

37  
g-index

38  
all docs

38  
docs citations

38  
times ranked

3485  
citing authors

#	ARTICLE	IF	CITATIONS
1	Resistance to Gemcitabine in Pancreatic Ductal Adenocarcinoma: A Physiopathologic and Pharmacologic Review. <i>Cancers</i> , 2022, 14, 2486.	3.7	29
2	Role of pH in Regulating Cancer Pyrimidine Synthesis. <i>Journal of Xenobiotics</i> , 2022, 12, 158-180.	6.7	2
3	Integrin-Linked Kinase Links Integrin Activation to Invadopodia Function and Invasion via the p(T567)-Ezrin/NHERF1/NHE1 Pathway. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2162.	4.1	7
4	Emerging Roles for Ion Channels in Ovarian Cancer: Pathomechanisms and Pharmacological Treatment. <i>Cancers</i> , 2021, 13, 668.	3.7	16
5	Targeting the Stromal Pro-Tumoral Hyaluronan-CD44 Pathway in Pancreatic Cancer. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3953.	4.1	9
6	Pathogenesis and Management of COVID-19. <i>Journal of Xenobiotics</i> , 2021, 11, 77-93.	6.7	10
7	Extracellular Matrix Composition Modulates the Responsiveness of Differentiated and Stem Pancreatic Cancer Cells to Lipophilic Derivate of Gemcitabine. <i>International Journal of Molecular Sciences</i> , 2021, 22, 29.	4.1	14
8	Tumor Microenvironment Features and Chemoresistance in Pancreatic Ductal Adenocarcinoma: Insights into Targeting Physicochemical Barriers and Metabolism as Therapeutic Approaches. <i>Cancers</i> , 2021, 13, 6135.	3.7	30
9	The Pentose Phosphate Pathway Dynamics in Cancer and Its Dependency on Intracellular pH. <i>Metabolites</i> , 2020, 10, 285.	2.9	68
10	KRAS-regulated glutamine metabolism requires UCP2-mediated aspartate transport to support pancreatic cancer growth. <i>Nature Metabolism</i> , 2020, 2, 1373-1381.	11.9	62
11	Role of Stromal Cells in Determining Tumor and Cancer Stem Cell Behaviors and Therapeutic Response. <i>Cancers</i> , 2020, 12, 3162.	3.7	1
12	The Interplay of Dysregulated pH and Electrolyte Imbalance in Cancer. <i>Cancers</i> , 2020, 12, 898.	3.7	35
13	The Role of Sodium Hydrogen Exchanger 1 in Dysregulation of Proton Dynamics and Reprogramming of Cancer Metabolism as a Sequela. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3694.	4.1	27
14	Synergy Between Low Dose Metronomic Chemotherapy and the pH-centered Approach Against Cancer. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5438.	4.1	5
15	Phosphorylation of NHERF1 S279 and S301 differentially regulates breast cancer cell phenotype and metastatic organotropism. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 26-37.	3.8	7
16	Extracellular matrix composition modulates <sc>PDAC</sc> parenchymal and stem cell plasticity and behavior through the secretome. <i>FEBS Journal</i> , 2018, 285, 2104-2124.	4.7	36
17	Cellular acidification as a new approach to cancer treatment and to the understanding and therapeutics of neurodegenerative diseases. <i>Seminars in Cancer Biology</i> , 2017, 43, 157-179.	9.6	59
18	Assessment of different 3D culture systems to study tumor phenotype and chemosensitivity in pancreatic ductal adenocarcinoma. <i>International Journal of Oncology</i> , 2016, 49, 243-252.	3.3	33

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19	The scaffolding protein NHERF1 sensitizes EGFR-dependent tumor growth, motility and invadopodia function to gefitinib treatment in breast cancer cells. <i>International Journal of Oncology</i> , 2015, 46, 1214-1224.	3.3	25
20	A Novel NHE1-Centered Signaling Cassette Drives Epidermal Growth Factor Receptor-Dependent Pancreatic Tumor Metastasis and Is a Target for Combination Therapy. <i>Neoplasia</i> , 2015, 17, 155-166.	5.3	77
21	Different chromatin and energy/redox responses of mouse morulae and blastocysts to slow freezing and vitrification. <i>Reproductive Biology and Endocrinology</i> , 2015, 13, 22.	3.3	28
22	Role of pH <sub>i</sub> , and proton transporters in oncogene-driven neoplastic transformation. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130100.	4.0	108
23	Protease activity at invadopodial focal digestive areas is dependent on NHE1-driven acidic pH <sub>e</sub> . <i>Oncology Reports</i> , 2014, 31, 940-946.	2.6	65
24	Glycolysis, tumor metabolism, cancer growth and dissemination. A new pH-based etiopathogenic perspective and therapeutic approach to an old cancer question. <i>Oncoscience</i> , 2014, 1, 777-802.	2.2	198
25	Cariporide and other new and powerful NHE1 inhibitors as potentially selective anticancer drugs – an integral molecular/biochemical/metabolic/clinical approach after one hundred years of cancer research. <i>Journal of Translational Medicine</i> , 2013, 11, 282.	4.4	135
26	ÅY1 Integrin Binding Phosphorylates Ezrin at T567 to Activate a Lipid Raft Signalsome Driving Invadopodia Activity and Invasion. <i>PLoS ONE</i> , 2013, 8, e75113.	2.5	32
27	NHERF1 acts as a molecular switch to program metastatic behavior and organotropism via its PDZ domains. <i>Molecular Biology of the Cell</i> , 2012, 23, 2028-2040.	2.1	19
28	Na <sup>+</sup> -H <sup>+</sup> Exchanger, pH Regulation and Cancer. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2012, 8, 85-99.	1.6	112
29	Na <sup>+</sup> -H <sup>+</sup> Exchanger, pH Regulation and Cancer. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2012, 8, 85-99.	1.6	82
30	Na <sup>+</sup> /H <sup>+</sup> exchanger regulatory factor 1 expression levels in blood and tissue predict breast tumour clinical behaviour. <i>Histopathology</i> , 2011, 58, 1086-1095.	2.9	19
31	Na <sup>+</sup> /H <sup>+</sup> Exchanger Regulatory Factor 1 Overexpression-dependent Increase of Cytoskeleton Organization Is Fundamental in the Rescue of F508del Cystic Fibrosis Transmembrane Conductance Regulator in Human Airway CFBE41o- Cells. <i>Molecular Biology of the Cell</i> , 2010, 21, 73-86.	2.1	83
32	NHE1 promotes invadopodial ECM proteolysis through acidification of the peri-invadopodial space. <i>FASEB Journal</i> , 2010, 24, 3903-3915.	0.5	197
33	Protons extruded by NHE1: Digestive or glue?. <i>European Journal of Cell Biology</i> , 2008, 87, 591-599.	3.6	85
34	HPV16 E7-Dependent Transformation Activates NHE1 through a PKA-RhoA-Induced Inhibition of p38alpha. <i>PLoS ONE</i> , 2008, 3, e3529.	2.5	16
35	The NHERF1 PDZ2 Domain Regulates PKA-RhoA-p38-mediated NHE1 Activation and Invasion in Breast Tumor Cells. <i>Molecular Biology of the Cell</i> , 2007, 18, 1768-1780.	2.1	121
36	AlphaV Beta3 (Î±vÎ²3) Integrin Drives the Osteoclastogenesis through a Osteoclast-Like Functional Differentiation of Myeloma Cells.. <i>Blood</i> , 2007, 110, 814-814.	1.4	1

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37	The role of disturbed pH dynamics and the Na <sup>+</sup> /H <sup>+</sup> exchanger in metastasis. Nature Reviews Cancer, 2005, 5, 786-795.	28.4	775
38	Protein Kinase A Gating of a Pseudopodial-located RhoA/ROCK/p38/NHE1 Signal Module Regulates Invasion in Breast Cancer Cell Lines. Molecular Biology of the Cell, 2005, 16, 3117-3127.	2.1	92