

# Palma Rocchi

## List of Publications by Year in descending order

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Version: 2024-02-01

76  
papers

5,609  
citations

66315

42  
h-index

82499

72  
g-index

76  
all docs

76  
docs citations

76  
times ranked

8334  
citing authors

#	ARTICLE	IF	CITATIONS
1	Menin inhibition suppresses castration-resistant prostate cancer and enhances chemosensitivity. <i>Oncogene</i> , 2022, 41, 125-137.	2.6	10
2	Nucleic Acid-Based Technologies Targeting Coronaviruses. <i>Trends in Biochemical Sciences</i> , 2021, 46, 351-365.	3.7	35
3	Nanovectorization of Prostate Cancer Treatment Strategies: A New Approach to Improved Outcomes. <i>Pharmaceutics</i> , 2021, 13, 591.	2.0	9
4	Nucleoside-Lipid-Based Nanoparticles for Phenazine Delivery: A New Therapeutic Strategy to Disrupt Hsp27-eIF4E Interaction in Castration Resistant Prostate Cancer. <i>Pharmaceutics</i> , 2021, 13, 623.	2.0	4
5	Antisense Oligonucleotide-Based Therapeutic against Menin for Triple-Negative Breast Cancer Treatment. <i>Biomedicines</i> , 2021, 9, 795.	1.4	5
6	Hydrogel based lipid-oligonucleotides: a new route to self-delivery of therapeutic sequences. <i>Biomaterials Science</i> , 2021, 9, 3638-3644.	2.6	5
7	Enhanced Antisense Oligonucleotide Delivery Using Cationic Liposomes Grafted with Trastuzumab: A Proof-of-Concept Study in Prostate Cancer. <i>Pharmaceutics</i> , 2020, 12, 1166.	2.0	15
8	Coronavirus RNA Proofreading: Molecular Basis and Therapeutic Targeting. <i>Molecular Cell</i> , 2020, 79, 710-727.	4.5	326
9	Self-assembly of amphiphilic phospholipid peptide dendrimer-based nanovectors for effective delivery of siRNA therapeutics in prostate cancer therapy. <i>Journal of Controlled Release</i> , 2020, 322, 416-425.	4.8	49
10	Integrative proteomic and phosphoproteomic profiling of prostate cell lines. <i>PLoS ONE</i> , 2019, 14, e0224148.	1.1	14
11	PSMA-Targeted Radionuclide Therapy and Salivary Gland Toxicity: Why Does It Matter?. <i>Journal of Nuclear Medicine</i> , 2018, 59, 747-748.	2.8	58
12	A Dual Targeting Dendrimer-Mediated siRNA Delivery System for Effective Gene Silencing in Cancer Therapy. <i>Journal of the American Chemical Society</i> , 2018, 140, 16264-16274.	6.6	159
13	Lipid-oligonucleotide conjugates improve cellular uptake and efficiency of TCTP-antisense in castration-resistant prostate cancer. <i>Journal of Controlled Release</i> , 2017, 258, 1-9.	4.8	45
14	TCTP Has a Crucial Role in the Different Stages of Prostate Cancer Malignant Progression. <i>Results and Problems in Cell Differentiation</i> , 2017, 64, 255-261.	0.2	7
15	Targeting Hsp27/eIF4E interaction with phenazine compound: a promising alternative for castration-resistant prostate cancer treatment. <i>Oncotarget</i> , 2017, 8, 77317-77329.	0.8	7
16	Mastering Dendrimer Self-Assembly for Efficient siRNA Delivery: From Conceptual Design to In Vivo Efficient Gene Silencing. <i>Small</i> , 2016, 12, 3667-3676.	5.2	78
17	Inherent and Tumor-Driven Immune Tolerance in the Prostate Microenvironment Impairs Natural Killer Cell Antitumor Activity. <i>Cancer Research</i> , 2016, 76, 2153-2165.	0.4	154
18	siRNA Delivery: Mastering Dendrimer Self-Assembly for Efficient siRNA Delivery: From Conceptual Design to In Vivo Efficient Gene Silencing ( <i>Small</i> 27/2016). <i>Small</i> , 2016, 12, 3604-3604.	5.2	3

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19	A Fluorinated Bola- $\phi$ -Amphiphilic Dendrimer for On-Demand Delivery of siRNA, via Specific Response to Reactive Oxygen Species. <i>Advanced Functional Materials</i> , 2016, 26, 8594-8603.	7.8	56
20	Highly effective NK cells are associated with good prognosis in patients with metastatic prostate cancer. <i>Oncotarget</i> , 2015, 6, 14360-14373.	0.8	164
21	Microwave promoted C-O coupling for synthesizing O-aryloxytriazole nucleoside analogues. <i>New Journal of Chemistry</i> , 2015, 39, 3889-3893.	1.4	4
22	Hsp27 Inhibition with OGX-427 Sensitizes Non-Small Cell Lung Cancer Cells to Erlotinib and Chemotherapy. <i>Molecular Cancer Therapeutics</i> , 2015, 14, 1107-1116.	1.9	43
23	The hallmarks of castration-resistant prostate cancers. <i>Cancer Treatment Reviews</i> , 2015, 41, 588-597.	3.4	89
24	Anticancer drug nanomicelles formed by self-assembling amphiphilic dendrimer to combat cancer drug resistance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 2978-2983.	3.3	318
25	2,3-Dialkoxyphenazines as anticancer agents. <i>Tetrahedron Letters</i> , 2015, 56, 2695-2698.	0.7	8
26	Promoting siRNA delivery via enhanced cellular uptake using an arginine-decorated amphiphilic dendrimer. <i>Nanoscale</i> , 2015, 7, 3867-3875.	2.8	81
27	The Eukaryotic Translation Initiation Factor 4E (eIF4E) as a Therapeutic Target for Cancer. <i>Advances in Protein Chemistry and Structural Biology</i> , 2015, 101, 1-26.	1.0	31
28	Heat shock protein 27 phosphorylation state is associated with cancer progression. <i>Frontiers in Genetics</i> , 2014, 5, 346.	1.1	97
29	The Functional Landscape of Hsp27 Reveals New Cellular Processes such as DNA Repair and Alternative Splicing and Proposes Novel Anticancer Targets. <i>Molecular and Cellular Proteomics</i> , 2014, 13, 3585-3601.	2.5	65
30	Adaptive Amphiphilic Dendrimer-Based Nanoassemblies as Robust and Versatile siRNA Delivery Systems. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 11822-11827.	7.2	181
31	Structurally flexible triethanolamine-core poly(amidoamine) dendrimers as effective nanovectors to deliver RNAi-based therapeutics. <i>Biotechnology Advances</i> , 2014, 32, 844-852.	6.0	56
32	Regulation of the proapoptotic functions of prostate apoptosis response-4 (Par-4) by casein kinase 2 in prostate cancer cells. <i>Cell Death and Disease</i> , 2014, 5, e1016-e1016.	2.7	19
33	Arginine-Terminated Generation 4 PAMAM Dendrimer as an Effective Nanovector for Functional siRNA Delivery in Vitro and in Vivo. <i>Bioconjugate Chemistry</i> , 2014, 25, 521-532.	1.8	95
34	Targeted delivery of Dicer-substrate siRNAs using a dual targeting peptide decorated dendrimer delivery system. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014, 10, 1627-1636.	1.7	44
35	TCTP as therapeutic target in cancers. <i>Cancer Treatment Reviews</i> , 2014, 40, 760-769.	3.4	83
36	Hsp27 as a Therapeutic Target in Cancers. <i>Current Drug Targets</i> , 2014, 15, 423-431.	1.0	45

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37	Highly functional natural killer (NK) cells as predictive biomarkers associated with long response to castration in newly diagnosed metastatic prostate cancer.. Journal of Clinical Oncology, 2014, 32, 95-95.	0.8	0
38	Impact of siRNA Overhangs for Dendrimer-Mediated siRNA Delivery and Gene Silencing. Molecular Pharmaceutics, 2013, 10, 3262-3273.	2.3	43
39	Efficient delivery of therapeutic small nucleic acids to prostate cancer cells using ketal nucleoside lipid nanoparticles. Journal of Controlled Release, 2013, 172, 954-961.	4.8	24
40	Development of an ELISA detecting Tumor Protein 53-Induced Nuclear Protein 1 in serum of prostate cancer patients. Results in Immunology, 2013, 3, 51-56.	2.2	5
41	Poly(amidoamine) (Pamam) Dendrimers as Non-viral Vectors for the Delivery of RNA Therapeutics. , 2013, , 73-83.		1
42	Targeting TCTP as a New Therapeutic Strategy in Castration-resistant Prostate Cancer. Molecular Therapy, 2012, 20, 2244-2256.	3.7	71
43	Dendrimers as non-viral vectors for siRNA delivery. New Journal of Chemistry, 2012, 36, 256-263.	1.4	89
44	Small heat shock proteins HSP27 (HspB1), $\beta$ -crystallin (HspB5) and HSP22 (HspB8) as regulators of cell death. International Journal of Biochemistry and Cell Biology, 2012, 44, 1622-1631.	1.2	240
45	Targeting heat shock factor 1 with a triazole nucleoside analog to elicit potent anticancer activity on drug-resistant pancreatic cancer. Cancer Letters, 2012, 318, 145-153.	3.2	56
46	TP53INP1 overexpression in prostate cancer correlates with poor prognostic factors and is predictive of biological cancer relapse. Prostate, 2012, 72, 117-128.	1.2	19
47	TP53INP1 as new therapeutic target in castration-resistant prostate cancer. Prostate, 2012, 72, 1286-1294.	1.2	10
48	A Novel Bitriazolyl Acyclonucleoside Endowed with Dual Antiproliferative and Immunomodulatory Activity. Journal of Medicinal Chemistry, 2012, 55, 5642-5646.	2.9	25
49	Efficient Delivery of Sticky siRNA and Potent Gene Silencing in a Prostate Cancer Model Using a Generation 5 Triethanolamine-Core PAMAM Dendrimer. Molecular Pharmaceutics, 2012, 9, 470-481.	2.3	102
50	An Amphiphilic Dendrimer for Effective Delivery of Small Interfering RNA and Gene Silencing In-vitro and In-vivo. Angewandte Chemie - International Edition, 2012, 51, 8478-8484.	7.2	220
51	Targeting heat shock response pathways to treat pancreatic cancer. Drug Discovery Today, 2012, 17, 35-43.	3.2	40
52	An Efficient Mixed-Ligand Pd Catalytic System to Promote C-N Coupling for the Synthesis of Arylamino-triazole Nucleosides. Chemistry - A European Journal, 2012, 18, 2221-2225.	1.7	22
53	OGX-427 inhibits tumor progression and enhances gemcitabine chemotherapy in pancreatic cancer. Cell Death and Disease, 2011, 2, e221-e221.	2.7	87
54	Active-Targeted Nanotherapy Strategies for Prostate Cancer. Current Cancer Drug Targets, 2011, 11, 954-965.	0.8	20

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55	N-Aryltriazole ribonucleosides with potent antiproliferative activity against drug-resistant pancreatic cancer. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 2503-2507.	1.0	25
56	A novel arylethynyltriazole acyclonucleoside inhibits proliferation of drug-resistant pancreatic cancer cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 5979-5983.	1.0	24
57	Heat shock protein 27 confers resistance to androgen ablation and chemotherapy in prostate cancer cells through eIF4E. <i>Oncogene</i> , 2010, 29, 1883-1896.	2.6	120
58	Ligand-Mediated Highly Effective and Selective C <sup>α</sup> -N Coupling for Synthesizing Bioactive N-Aryltriazole Acyclonucleosides. <i>Organic Letters</i> , 2010, 12, 5712-5715.	2.4	14
59	Cu <sup>II</sup> -Mediated Selective C <sup>α</sup> -N Arylation of Aminotriazole Acyclonucleosides. <i>Helvetica Chimica Acta</i> , 2009, 92, 1503-1513.	1.0	20
60	PAMAM Dendrimers Mediate siRNA Delivery to Target Hsp27 and Produce Potent Antiproliferative Effects on Prostate Cancer Cells. <i>ChemMedChem</i> , 2009, 4, 1302-1310.	1.6	116
61	Botulinum Toxin Type A Inhibits the Growth of LNCaP Human Prostate Cancer Cells In Vitro and In Vivo. <i>Prostate</i> , 2009, 69, 1143-1150.	1.2	51
62	Discovery of Novel Arylethynyltriazole Ribonucleosides with Selective and Effective Antiviral and Antiproliferative Activity. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 1144-1155.	2.9	56
63	Novel Triazole Ribonucleoside Down-Regulates Heat Shock Protein 27 and Induces Potent Anticancer Activity on Drug-Resistant Pancreatic Cancer. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 6083-6096.	2.9	95
64	Tumor protein 53-induced nuclear protein 1 expression is repressed by miR-155, and its restoration inhibits pancreatic tumor development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 16170-16175.	3.3	513
65	Hsp27 knockdown using nucleotide-based therapies inhibit tumor growth and enhance chemotherapy in human bladder cancer cells. <i>Molecular Cancer Therapeutics</i> , 2007, 6, 299-308.	1.9	176
66	A5-06: Heat shock protein 27 - a novel target for non-small cell lung cancer and possible marker of metastasis. <i>Journal of Thoracic Oncology</i> , 2007, 2, S325.	0.5	0
67	355 POSTER Heat shock protein 27 down-regulation inhibits tumor progression and enhances gemzar chemotherapy in pancreatic cancer through activation of stat-3 signaling pathway. <i>European Journal of Cancer, Supplement</i> , 2006, 4, 110.	2.2	0
68	Induction of apoptosis and enhancement of chemosensitivity in human prostate cancer LNCaP cells using bispecific antisense oligonucleotide targeting Bcl-2 and Bcl-xL genes. <i>BJU International</i> , 2006, 97, 1300-1308.	1.3	63
69	Small interference RNA targeting heat-shock protein 27 inhibits the growth of prostatic cell lines and induces apoptosis via caspase-3 activation in vitro. <i>BJU International</i> , 2006, 98, 1082-1089.	1.3	116
70	Antisense oligonucleotide therapy in the management of bladder cancer. <i>Current Opinion in Urology</i> , 2005, 15, 320-327.	0.9	15
71	Inactivation of stress protein p8 increases murine carbon tetrachloride hepatotoxicity via preserved CYP2E1 activity. <i>Hepatology</i> , 2005, 42, 176-182.	3.6	51
72	Increased Hsp27 after Androgen Ablation Facilitates Androgen-Independent Progression in Prostate Cancer via Signal Transducers and Activators of Transcription 3-Mediated Suppression of Apoptosis. <i>Cancer Research</i> , 2005, 65, 11083-11093.	0.4	204

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73	Molecular profile of androgen-independent prostate cancer xenograft LuCaP 23.1. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2005, 96, 355-365.	1.2	5
74	A novel antisense oligonucleotide inhibiting several antiapoptotic Bcl-2 family members induces apoptosis and enhances chemosensitivity in androgen-independent human prostate cancer PC3 cells. <i>Molecular Cancer Therapeutics</i> , 2005, 4, 1689-1698.	1.9	98
75	Heat Shock Protein 27 Increases after Androgen Ablation and Plays a Cytoprotective Role in Hormone-Refractory Prostate Cancer. <i>Cancer Research</i> , 2004, 64, 6595-6602.	0.4	285
76	Molecular analysis integrating different pathways associated with androgen-independent progression in LuCaP 23.1 xenograft. <i>Oncogene</i> , 2004, 23, 9111-9119.	2.6	26