

# Jessica Castro

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9463109/publications.pdf>

Version: 2024-02-01

16  
papers

162  
citations

1307594

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1125743

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16  
docs citations

16  
times ranked

229  
citing authors

#	ARTICLE	IF	CITATIONS
1	A human ribonuclease induces apoptosis associated with p21WAF1/CIP1 induction and JNK inactivation. BMC Cancer, 2011, 11, 9.	2.6	40
2	Activating transcription factor 3 is crucial for antitumor activity and to strengthen the antiviral properties of Onconase. Oncotarget, 2017, 8, 11692-11707.	1.8	20
3	A cytotoxic ribonuclease reduces the expression level of P-glycoprotein in multidrug-resistant cell lines. Investigational New Drugs, 2012, 30, 880-888.	2.6	19
4	A nuclear-directed human pancreatic ribonuclease (PE5) targets the metabolic phenotype of cancer cells. Oncotarget, 2016, 7, 18309-18324.	1.8	15
5	Generation of New Cytotoxic Human Ribonuclease Variants Directed to the Nucleus. Molecular Pharmaceutics, 2012, 9, 2894-2902.	4.6	11
6	Transcriptional profiling of NCI/ADR-RES cells unveils a complex network of signaling pathways and molecular mechanisms of drug resistance. OncoTargets and Therapy, 2018, Volume 11, 221-237.	2.0	11
7	Apoptin, A Versatile Protein with Selective Antitumor Activity. Current Medicinal Chemistry, 2018, 25, 3540-3559.	2.4	9
8	A family of manganese complexes containing heterocyclic-based ligands with cytotoxic properties. Journal of Inorganic Biochemistry, 2018, 182, 124-132.	3.5	8
9	Contribution of the C30/C75 disulfide bond to the biological properties of onconase. Biological Chemistry, 2008, 389, 1127-1136.	2.5	7
10	Strengths and Challenges of Secretory Ribonucleases as AntiTumor Agents. Pharmaceutics, 2021, 13, 82.	4.5	7
11	A truncated apoptin protein variant selectively kills cancer cells. Investigational New Drugs, 2017, 35, 260-268.	2.6	6
12	Insights into the mechanism of Apoptin's exquisitely selective anti-tumor action from atomic level characterization of its conformation and dynamics. Archives of Biochemistry and Biophysics, 2017, 614, 53-64.	3.0	3
13	Construction of Highly Stable Cytotoxic Nuclear-Directed Ribonucleases. Molecules, 2018, 23, 3273.	3.8	2
14	A Nuclear-Directed Ribonuclease Variant Targets Cancer Stem Cells and Inhibits Migration and Invasion of Breast Cancer Cells. Cancers, 2021, 13, 4350.	3.7	2
15	Approaches to Endow Ribonucleases with Antitumor Activity: Lessons Learned from the Native Cytotoxic Ribonucleases. , 0, , .		1
16	The Selectivity for Tumor Cells of Nuclear-Directed Cytotoxic RNases Is Mediated by the Nuclear/Cytoplasmic Distribution of p27KIP1. Molecules, 2021, 26, 1319.	3.8	1