

Ribosome-inactivating proteins from plants: more than

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Adenine glycosylase activity in mammalian tissues: an equivalent of ribosome-inactivating proteins. <i>FEBS Letters</i> , 2001, 505, 196-197.	1.3	48
2	Plant lectins: occurrence, biochemistry, functions and applications. <i>Glycoconjugate Journal</i> , 2001, 18, 589-613.	1.4	392
3	Damage to nuclear DNA induced by Shiga toxin 1 and ricin in human endothelial cells1. <i>FASEB Journal</i> , 2002, 16, 365-372.	0.2	133
4	Ribosome-inactivating and Adenine Polynucleotide Glycosylase Activities in <i>Mirabilis jalapa</i> L. Tissues. <i>Journal of Biological Chemistry</i> , 2002, 277, 13709-13716.	1.6	57
5	Cinnamomin, a type II ribosome-inactivating protein, is a storage protein in the seed of the camphor tree (<i>Cinnamomum camphora</i>). <i>Biochemical Journal</i> , 2002, 362, 659.	1.7	10
6	Mutational analysis of the carbohydrate-binding activity of the NeuAc(1±2,6)Gal/GalNAc-specific type 2 ribosome-inactivating protein from elderberry (<i>Sambucus nigra</i>) fruits. <i>Biochemical Journal</i> , 2002, 364, 587-592.	1.7	9
7	Cinnamomin, a type II ribosome-inactivating protein, is a storage protein in the seed of the camphor tree (<i>Cinnamomum camphora</i>). <i>Biochemical Journal</i> , 2002, 362, 659-663.	1.7	14
8	Novel Poly(ethylene glycol) Derivatives for Preparation of Ribosome-Inactivating Protein Conjugates. <i>Bioconjugate Chemistry</i> , 2002, 13, 757-765.	1.8	19
9	Nonspecific Deadenylation on Sarcin/Ricin Domain RNA Catalyzed by Gelonin under Acidic Conditions. <i>Archives of Biochemistry and Biophysics</i> , 2002, 399, 181-187.	1.4	5
10	The <i>Sambucus nigra</i> type-2 ribosome-inactivating protein SNA-1 exhibits in planta antiviral activity in transgenic tobacco. <i>FEBS Letters</i> , 2002, 516, 27-30.	1.3	40
11	Isolation and characterization of new isoforms of trichosanthin from <i>Trichosanthes kirilowii</i> . <i>Plant Science</i> , 2002, 162, 79-85.	1.7	6
12	Mistletoe lectins enhance immune responses to intranasally co-administered herpes simplex virus glycoprotein D2. <i>Immunology</i> , 2002, 107, 268-274.	2.0	41
13	A complex fruit-specific type-2 ribosome-inactivating protein from elderberry (<i>Sambucus nigra</i>) is correctly processed and assembled in transgenic tobacco plants. <i>FEBS Journal</i> , 2002, 269, 2897-2906.	0.2	16
14	Isolation and enzymatic characterization of lamjapin, the first ribosome-inactivating protein from cryptogamic algal plant (<i>Laminaria japonica</i> A). <i>FEBS Journal</i> , 2002, 269, 4746-4752.	0.2	34
15	Cloning and expression of cDNA coding for bouganin. <i>FEBS Journal</i> , 2002, 269, 1772-1779.	0.2	25
16	Type-1 ribosome-inactivating protein from iris bulbs: a useful agronomic tool to engineer virus resistance?. <i>Plant Molecular Biology</i> , 2003, 51, 567-576.	2.0	32
17	Cys/Gly-rich proteins with a putative single chitin-binding domain from oat (<i>Avena sativa</i>) seeds. <i>Phytochemistry</i> , 2003, 63, 249-255.	1.4	34
18	Crystal structure at 3 Å of mistletoe lectin I, a dimeric type-II ribosome-inactivating protein, complexed with galactose. <i>FEBS Journal</i> , 2003, 270, 2739-2749.	0.2	54

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19	Ricin. <i>Toxicological Reviews</i> , 2003, 22, 53-64.	2.5	167
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21	Isolation and identification of foetidissimin: a novel ribosome-inactivating protein from <i>Cucurbita Foetidissima</i> . <i>Plant Science</i> , 2003, 164, 387-393.	1.7	14
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23	Cloning and Characterization of a Curcin Gene Encoding a Ribosome Inactivating Protein from <i>Jatropha curcas</i> . <i>DNA Sequence</i> , 2003, 14, 311-317.	0.7	27
24	The Cytotoxic Activity of Ribosome-inactivating Protein Saporin-6 Is Attributed to Its rRNA N-Glycosidase and Internucleosomal DNA Fragmentation Activities. <i>Journal of Biological Chemistry</i> , 2003, 278, 4813-4820.	1.6	64
25	In Defense against Pathogens. Both Plant Sentinels and Foot Soldiers Need to Know the Enemy,. <i>Plant Physiology</i> , 2003, 131, 1580-1590.	2.3	122
26	CTLA-4 is not restricted to the lymphoid cell lineage and can function as a target molecule for apoptosis induction of leukemic cells. <i>Blood</i> , 2003, 101, 202-209.	0.6	117
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33	Ribosome-inactivating protein and apoptosis: abrin causes cell death via mitochondrial pathway in Jurkat cells. <i>Biochemical Journal</i> , 2004, 377, 233-240.	1.7	83
34	Immunological Implications of the use of Plant Lectins for Drug and Vaccine Targeting to the Gastrointestinal Tract. <i>Journal of Drug Targeting</i> , 2004, 12, 89-95.	2.1	36
35	Analysis of the in planta antiviral activity of elderberry ribosome-inactivating proteins. <i>FEBS Journal</i> , 2004, 271, 1508-1515.	0.2	47
36	Cloning and characterization of the genes encoding toxic lectins in mistletoe (<i>Viscum album</i> L). <i>FEBS Journal</i> , 2004, 271, 2350-2360.	0.2	15

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39	Effect of N- and C-terminal deletions on the RNA N-glycosidase activity and the antigenicity of karasurin-A, a ribosome-inactivating protein from <i>Trichosanthes kirilowii</i> var. <i>japonica</i> . <i>Biotechnology Letters</i> , 2004, 26, 1873-1878.	1.1	5
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42	Interaction interfaces of protein domains are not topologically equivalent across families within superfamilies: Implications for metabolic and signaling pathways. <i>Proteins: Structure, Function and Bioinformatics</i> , 2004, 58, 339-353.	1.5	27
43	Volkensin from <i>Adenia</i> (kilyambiti plant), a type 2 ribosome-inactivating protein. <i>FEBS Journal</i> , 2004, 271, 108-117.	0.2	28
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53	Construction of tumor-specific toxins using ubiquitin fusion technique. <i>Molecular Therapy</i> , 2005, 11, 196-204.	3.7	7
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73	The role of plant defence proteins in fungal pathogenesis. <i>Molecular Plant Pathology</i> , 2007, 8, 677-700.	2.0	217

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75	Cloning, expression, and antitumor activity of recombinant protein of curcin. <i>Russian Journal of Plant Physiology</i> , 2007, 54, 202-206.	0.5	11
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95	Enhancement of Saporin Toxicity Against U937 Cells by <i>Gypsophila</i> Saponins. <i>Journal of Immunotoxicology</i> , 2008, 5, 287-292.	0.9	16
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105	Purification, characterization and cytotoxicity of malanin, a novel plant toxin from the seeds of <i>Malania oleifera</i> . <i>Toxicon</i> , 2009, 54, 121-127.	0.8	9
106	Purification and characterization of a novel ribosome-inactivating protein from seeds of <i>Trichosanthes kirilowii</i> Maxim. <i>Protein Expression and Purification</i> , 2009, 67, 120-125.	0.6	32
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137	Ribosome-inactivating proteins with an emphasis on bacterial RIPs and their potential medical applications. <i>Future Microbiology</i> , 2012, 7, 705-717.	1.0	24
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