

Tomas Girbes

List of Publications by Year in descending order

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93
papers

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201575

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times ranked

1092
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#	ARTICLE	IF	CITATIONS
1	Unexpected Toxicity of Green Tea Polyphenols in Combination with the Sambucus RIL Ebulin. <i>Toxins</i> , 2020, 12, 542.	1.5	7
2	Human Health Effects of Lactose Consumption as a Food and Drug Ingredient. <i>Current Pharmaceutical Design</i> , 2020, 26, 1778-1789.	0.9	7
3	Endotoxins from a Pharmacopoeial Point of View. <i>Toxins</i> , 2018, 10, 331.	1.5	27
4	In vivo toxicity of the ribosome-inactivating lectin ebulin f in elderly mice. <i>Histology and Histopathology</i> , 2018, 33, 979-986.	0.5	1
5	Biotechnological Potential of Ribosome-Inactivating Proteins (RIPs). <i>Toxinology</i> , 2017, , 363-381.	0.2	0
6	Effects of temperature, pH and sugar binding on the structures of lectins ebulin f and SELfd. <i>Food Chemistry</i> , 2017, 220, 324-330.	4.2	7
7	Lectin Digestibility and Stability of Elderberry Antioxidants to Heat Treatment In Vitro. <i>Molecules</i> , 2017, 22, 95.	1.7	13
8	Anti-Human Endoglin (hCD105) Immunotoxin Containing Recombinant Single Chain Ribosome-Inactivating Protein Musarmin 1. <i>Toxins</i> , 2016, 8, 184.	1.5	8
9	Ebulin from Dwarf Elder (<i>Sambucus ebulus</i> L.): A Mini-Review. <i>Toxins</i> , 2015, 7, 648-658.	1.5	27
10	Toxicity of the Anti-ribosomal Lectin Ebulin f in Lungs and Intestines in Elderly Mice. <i>Toxins</i> , 2015, 7, 367-379.	1.5	13
11	Elderberries: A Source of Ribosome-Inactivating Proteins with Lectin Activity. <i>Molecules</i> , 2015, 20, 2364-2387.	1.7	32
12	Biotechnological Potential of Ribosome Inactivating Proteins (RIPs). , 2015, , 1-15.		0
13	Biotechnological Potential of Ribosome Inactivating Proteins (RIPs). , 2015, , 1-19.		1
14	Effects of Short-term Heating on Total Polyphenols, Anthocyanins, Antioxidant Activity and Lectins of Different Parts of Dwarf Elder (<i>Sambucus ebulus</i> L.). <i>Plant Foods for Human Nutrition</i> , 2014, 69, 168-174.	1.4	34
15	Concentrated Extract of Green Tea Polyphenols Enhances the Toxicity of the Elderberry Lectin Nigrin b to Mice. <i>Food and Nutrition Sciences (Print)</i> , 2014, 05, 466-471.	0.2	6
16	Paneth cells are also target of the ribotoxic lectin nigrin b. <i>Histology and Histopathology</i> , 2014, 29, 1057-63.	0.5	6
17	In vitro and in vivo effects of an anti-mouse endoglin (CD105) immunotoxin on the early stages of mouse B16MEL4A5 melanoma tumours. <i>Cancer Immunology, Immunotherapy</i> , 2013, 62, 541-551.	2.0	25
18	Differential sensitivity of d-galactose-binding lectins from fruits of dwarf elder (<i>Sambucus ebulus</i> L.) to a simulated gastric fluid. <i>Food Chemistry</i> , 2013, 136, 794-802.	4.2	21

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19	Toxicity in mice of lectin ebulin f present in dwarf Elderberry (<i>Sambucus ebulus</i> L.). <i>Toxicon</i> , 2013, 61, 26-29.	0.8	14
20	Isolation and Molecular Characterization of Two Lectins from Dwarf Elder (<i>Sambucus ebulus</i> L.) Blossoms Related to the Sam n1 Allergen. <i>Toxins</i> , 2013, 5, 1767-1779.	1.5	16
21	Plasma Accumulations of Vitamin B6 from an Oral Dose in a New Reversible Model for Mouse Gut Injury and Regeneration. <i>Food and Nutrition Sciences (Print)</i> , 2013, 04, 908-917.	0.2	5
22	Transient Injury-Dependent Up-Regulation of CD105 and its Specific Targeting with an Anti-Vascular Anti-Mouse Endoglin-Nigrin b Immunotoxin. <i>Medicinal Chemistry</i> , 2012, 8, 996-1002.	0.7	7
23	Transient Injury-Dependent Up-Regulation of CD105 and its Specific Targeting with an Anti-Vascular Anti-Mouse Endoglin-Nigrin b Immunotoxin. <i>Medicinal Chemistry</i> , 2012, 8, 996-1002.	0.7	9
24	Occurrence and new procedure of preparation of nigrin, an antiribosomal lectin present in elderberry bark. <i>Food Research International</i> , 2011, 44, 2798-2805.	2.9	13
25	Use of Ribosome-Inactivating Proteins from <i>Sambucus</i> for the Construction of Immunotoxins and Conjugates for Cancer Therapy. <i>Toxins</i> , 2011, 3, 420-441.	1.5	59
26	Sialic acid-binding dwarf elder four-chain lectin displays nucleic acid N-glycosidase activity. <i>Biochimie</i> , 2010, 92, 71-80.	1.3	20
27	<i>Sambucus</i> Ribosome-Inactivating Proteins and Lectins. <i>Plant Cell Monographs</i> , 2010, , 107-131.	0.4	11
28	Transient occurrence of an ebulin-related d-galactose-lectin in shoots of <i>Sambucus ebulus</i> L.. <i>Phytochemistry</i> , 2008, 69, 857-864.	1.4	14
29	Killing cancer cells by targeting the EGF receptor. <i>Cancer Biology and Therapy</i> , 2008, 7, 243-244.	1.5	1
30	Elicitor-dependent expression of the ribosome-inactivating protein beetin is developmentally regulated*. <i>Journal of Experimental Botany</i> , 2008, 59, 1215-1223.	2.4	25
31	Targeting a marker of the tumour neovasculature using a novel anti-human CD105-immunotoxin containing the non-toxic type 2 ribosome-inactivating protein nigrin b. <i>Cancer Letters</i> , 2007, 256, 73-80.	3.2	34
32	Cytotoxicity of an Ebulin I-Anti-Human CD105 Immunotoxin on Mouse Fibroblasts (L929) and Rat Myoblasts (L6E9) Cells Expressing Human CD105. <i>Medicinal Chemistry</i> , 2005, 1, 65-71.	0.7	29
33	Specific dose-dependent damage of Lieberk $\frac{1}{4}$ hn crypts promoted by large doses of type 2 ribosome-inactivating protein nigrin b intravenous injection to mice. <i>Toxicology and Applied Pharmacology</i> , 2005, 207, 138-146.	1.3	25
34	Molecular characterization and systemic induction of single-chain ribosome-inactivating proteins (RIPs) in sugar beet (<i>Beta vulgaris</i>) leaves. <i>Journal of Experimental Botany</i> , 2005, 56, 1675-1684.	2.4	72
35	Description, Distribution, Activity and Phylogenetic Relationship of Ribosome-Inactivating Proteins in Plants, Fungi and Bacteria. <i>Mini-Reviews in Medicinal Chemistry</i> , 2004, 4, 461-476.	1.1	182
36	Interaction of volkensin with HeLa cells: binding, uptake, intracellular localization, degradation and exocytosis. <i>Cellular and Molecular Life Sciences</i> , 2004, 61, 1975-1984.	2.4	50

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37	Enzymatic activity of toxic and non-toxic type 2 ribosome-inactivating proteins. FEBS Letters, 2004, 563, 219-222.	1.3	69
38	Bacterial expression of biologically active recombinant musarmin 1 from bulbs of <i>Muscari armeniacum</i> L. and Miller. Journal of Biotechnology, 2004, 112, 313-322.	1.9	5
39	Design and Cytotoxicity Analysis of a Conjugate Containing the New DGalactose- Binding Lectin SELId and the Non-Toxic Type 2 Ribosome- Inactivating Protein Nigrin b. Letters in Drug Design and Discovery, 2004, 1, 361-367.	0.4	4
40	Musarmins: three single-chain ribosome-inactivating protein isoforms from bulbs of <i>Muscari armeniacum</i> L. and Miller. International Journal of Biochemistry and Cell Biology, 2003, 35, 61-78.	1.2	13
41	cDNA molecular cloning and seasonal acumulation of an ebulin I-related dimeric lectin of dwarf elder (<i>Sambucus ebulus</i> L.) leaves. International Journal of Biochemistry and Cell Biology, 2003, 35, 1061-1065.	1.2	18
42	Isolation and Characterization of a new Dgalactose- Binding Lectin from <i>Sambucus Racemosa</i> L.. Protein and Peptide Letters, 2003, 10, 287-293.	0.4	4
43	Targeting cancer cells with transferrin conjugates containing the non-toxic type 2 ribosome-inactivating proteins nigrin b or ebulin I. Cancer Letters, 2002, 184, 29-35.	3.2	51
44	Sensitivity of cancer cell lines to the novel non-toxic type 2 ribosome-inactivating protein nigrin b. Cancer Letters, 2001, 167, 163-169.	3.2	35
45	2.8-Å... crystal structure of a nontoxic type-II ribosome-inactivating protein, ebulin I. Proteins: Structure, Function and Bioinformatics, 2001, 43, 319-326.	1.5	84
46	Presence of polymerized and free forms of the non-toxic type 2 ribosome-inactivating protein ebulin and a structurally related new homodimeric lectin in fruits of <i>Sambucus ebulus</i> L.. Planta, 1998, 204, 310-317.	1.6	35
47	Constitutive and inducible type 1 ribosome-inactivating proteins (RIPs) in elderberry (<i>Sambucus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 1.3 26	1.3	26
48	Differences in Cytotoxicity of Native and Engineered RIPs Can Be Used to Assess Their Ability to Reach the Cytoplasm. Biochemical and Biophysical Research Communications, 1998, 249, 637-642.	1.0	26
49	Analysis of Human Ocular Mucus. Cornea, 1998, 17, 200-207.	0.9	22
50	Isolation, cDNA Cloning, Biological Properties, and Carbohydrate Binding Specificity of Sieboldin-b, a Type II Ribosome-Inactivating Protein from the Bark of Japanese Elderberry (<i>Sambucus sieboldiana</i>). Archives of Biochemistry and Biophysics, 1997, 340, 185-194.	1.4	26
51	Isolation and partial characterization of a novel and uncommon two-chain 64-kDa ribosome-inactivating protein from the bark of elder (<i>Sambucus nigra</i> L.). FEBS Letters, 1997, 413, 85-91.	1.3	19
52	Bifunctional plant defence enzymes with chitinase and ribosome inactivating activities from <i>Trichosanthes kirilowii</i> cell cultures. Plant Science, 1997, 130, 145-150.	1.7	36
53	Elderberry (<i>Sambucus Nigra</i>) Bark Contains two Structurally Different Neusac(alpha2,6)Gal/Galnac-Binding Type 2 Ribosome-Inactivating Proteins. FEBS Journal, 1997, 245, 648-655.	0.2	34
54	Toxicity and cytotoxicity of nigrin b, a two-chain ribosome-inactivating protein from <i>Sambucus nigra</i> â€Š: comparison with ricin. Archives of Toxicology, 1997, 71, 360-364.	1.9	65

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55	Primary Structure of omega-Hordothionin, a Member of a Novel Family of Thionins from Barley Endosperm, and Its Inhibition of Protein Synthesis in Eukaryotic and Prokaryotic Cell-Free Systems. FEBS Journal, 1996, 239, 67-73.	0.2	54
56	RIP for viruses. Nature, 1996, 379, 777-778.	13.7	72
57	Isolation and characterization of a new non-toxic two-chain ribosome-inactivating protein from fruits of elder (<i>Sambucus nigra</i> L.). Journal of Experimental Botany, 1996, 47, 1577-1585.	2.4	29
58	Ebulitins: A new family of type 1 ribosome-inactivating proteins (rRNAN-glycosidases) from leaves of <i>Sambucus ebulus</i> L. that coexist with the type 2 ribosome-inactivating protein ebulin 1. FEBS Letters, 1995, 360, 299-302.	1.3	33
59	Elderberry (<i>Sambucus nigra</i> L.) seed proteins inhibit protein synthesis and display strong immunoreactivity with rabbit polyclonal antibodies raised against the type 2 ribosome-inactivating protein nigrin b. Journal of Experimental Botany, 1994, 45, 513-516.	2.4	32
60	Cusativin, a new cytidine-specific ribonuclease accumulated in seeds of <i>Cucumis sativus</i> L.. Planta, 1994, 194, 328-338.	1.6	33
61	Isolation and characterization of two new N-glycosidase type-1 ribosome-inactivating proteins, unrelated in amino-acid sequence, from <i>Petrocoptis</i> species. Planta, 1994, 194, 487-491.	1.6	14
62	Enzymic activity of melonin, a translational inhibitor present in dry seeds of <i>Cucumis melo</i> L.. Plant Science, 1994, 103, 127-134.	1.7	9
63	Sensitivity of Translation by <i>Brevibacterium lactofermentum</i> Ribosomes to Type 1 and Type 2 Ribosome-inactivating Proteins. Bioscience, Biotechnology and Biochemistry, 1994, 58, 1458-1462.	0.6	5
64	Isolation and partial characterization of nigrin b, a non-toxic novel type 2 ribosome-inactivating protein from the bark of <i>Sambucus nigra</i> L.. Plant Molecular Biology, 1993, 22, 1181-1186.	2.0	78
65	Distribution and properties of major ribosome-inactivating proteins (28 S rRNA N-glycosidases) of the plant <i>Saponaria officinalis</i> L. (Caryophyllaceae). Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1993, 1216, 31-42.	2.4	102
66	Fusidic acid-dependent ribosomal complexes protect <i>Escherichia coli</i> ribosomes from the action of the type 1 ribosome-inactivating protein crotin 2. FEBS Letters, 1993, 318, 189-192.	1.3	22
67	Molecular mechanism of inhibition of mammalian protein synthesis by some four-chain agglutinins. FEBS Letters, 1993, 329, 59-62.	1.3	35
68	Molecular action of the type 1 ribosome-inactivating protein saporin 5 on <i>Vicia sativa</i> ribosomes. FEBS Letters, 1993, 325, 291-294.	1.3	22
69	Development of a cell-free translation system from <i>Cucumis melo</i> : preparation, optimization and evaluation of sensitivity to some translational inhibitors. Plant Science, 1993, 90, 127-134.	1.7	5
70	<i>Vicia sativa</i> L. "Run-off"™ and Purified Ribosomes: Polyphenylalanine Synthesis and Molecular Action of Ribosome-inactivating Proteins. Journal of Experimental Botany, 1993, 44, 1297-1304.	2.4	7
71	A <i>Cucumis sativus</i> cell-free translation system: preparation, optimization and sensitivity to some antibiotics and ribosome-inactivating proteins. Physiologia Plantarum, 1993, 88, 549-556.	2.6	3
72	Preparation and Optimization of a Cell-free Translation System from <i>Vicia sativa</i> Germ Lacking Ribosome-inactivating Protein Activity. Journal of Experimental Botany, 1992, 43, 729-737.	2.4	17

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73	Intraocular Irrigating Solutions and Vitrectomy- Related Changes (in Protein, Lactic and Ascorbic) Tj ETQq1 1 0.784314 rgBT /Overlock 11	1.0	11
74	Isolation and partial characterization of a new ribosome-inactivating protein from <i>Petrocoptis glaucifolia</i> (Lag.) Boiss. <i>Planta</i> , 1992, 186, 532-40.	1.6	30
75	Fusidic acid-dependent wheat germ ribosomal complexes require unphosphorylated elongation factor 2. <i>Phytochemistry</i> , 1992, 31, 55-57.	1.4	1
76	Protein phosphorylation in a cell-free translation system from <i>Vicia sativa</i> . <i>Phytochemistry</i> , 1991, 30, 3185-3187.	1.4	4
77	Effect of continued exposition to ethanol on activity of the ammonium and fructose transport systems in <i>Saccharomyces cerevisiae</i> var. <i>ellipsoideus</i> . <i>Biotechnology and Bioengineering</i> , 1991, 37, 389-391.	1.7	7
78	Changes in sensitivity of in vitro rat brain protein synthesis to the acute action of ethanol and isopropanol as a consequence of the long-term ingestion of isopropanol. <i>Archives of Toxicology</i> , 1991, 65, 500-504.	1.9	4
79	Changes in the activity of the general amino acid permease from <i>Saccharomyces cerevisiae</i> var. <i>ellipsoideus</i> during fermentation. <i>Biotechnology and Bioengineering</i> , 1990, 36, 808-810.	1.7	4
80	Plant Species Containing Inhibitors of Eukaryotic Polypeptide Synthesis. <i>Journal of Experimental Botany</i> , 1990, 41, 67-70.	2.4	21
81	Adaptation of in vitro rat brain protein synthesis to long-term ingestion of n-butanol. <i>Brain Research</i> , 1990, 517, 330-332.	1.1	9
82	Effect of acute ethanol administration and nutritional status on secretory protein synthesis in isolated rat liver cells. <i>Toxicology in Vitro</i> , 1989, 3, 7-12.	1.1	4
83	Effect of the chronic ethanol action on the activity of the general amino-acid permease from <i>Saccharomyces cerevisiae</i> var. <i>ellipsoideus</i> . <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1989, 979, 375-377.	1.4	19
84	Effect of ethanol on proteolysis in isolated liver cells. <i>General Pharmacology</i> , 1986, 17, 315-320.	0.7	7
85	Inhibition of protein synthesis by (aminooxy)acetate in rat liver. <i>International Journal of Biochemistry & Cell Biology</i> , 1986, 18, 537-542.	0.8	8
86	Acute effects of ethanol in the control of protein synthesis in isolated rat liver cells. <i>Archives of Biochemistry and Biophysics</i> , 1983, 226, 37-49.	1.4	35
87	[27] Preparation and assay of purified <i>Escherichia coli</i> polysomes devoid of free ribosomal subunits and endogenous GTPase activities. <i>Methods in Enzymology</i> , 1979, 59, 353-362.	0.4	29
88	ANALYSIS OF RIBOSOMAL TRANSLOCATION BY DRUGS. , 1978, , 79-87.		0
89	Detection of Guanosine-Nucleotide . Elongation-Factor-G Complexes Produced during the Decay of Guanosine-Nucleotide . Elongation-Factor-G . Ribosome Complexes. <i>FEBS Journal</i> , 1977, 81, 473-481.	0.2	7
90	Effects of Cations, Antibiotics and Other Agents on the Turnover of Guanosine-Nucleotide . Elongation-Factor-G . Ribosome Complexes. <i>FEBS Journal</i> , 1977, 81, 483-490.	0.2	8

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91	Polypeptide-Chain Elongation Promoted by Guanyl-5'-yl Imidodiphosphate. FEBS Journal, 1976, 67, 257-264.	0.2	42
92	A form of elongation factor G insensitive to N-ethyl-maleimide. Molecular Biology Reports, 1976, 2, 401-406.	1.0	2
93	Ribosomal translocation promoted by guanylimido diphosphate and guanylyl-methylene diphosphonate. FEBS Letters, 1975, 60, 109-113.	1.3	36