

Roberto Sitia

List of Publications by Year in descending order

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163
papers

11,729
citations

26630

56
h-index

30087

103
g-index

167
all docs

167
docs citations

167
times ranked

11458
citing authors

#	ARTICLE	IF	CITATIONS
1	Profound architectural and functional readjustments of the secretory pathway in decidualization of endometrial stromal cells. <i>Traffic</i> , 2022, 23, 4-20.	2.7	4
2	Biogenesis of secretory immunoglobulin M requires intermediate non-native disulfide bonds and engagement of the protein disulfide isomerase ERp44. <i>EMBO Journal</i> , 2022, 41, e108518.	7.8	10
3	Transfer of H ₂ O ₂ from Mitochondria to the endoplasmic reticulum via Aquaporin-11. <i>Redox Biology</i> , 2022, 55, 102410.	9.0	11
4	Endoplasmic reticulum oxidoreductase 1 alpha modulates prostate cancer hallmarks. <i>Translational Andrology and Urology</i> , 2021, 10, 1110-1120.	1.4	5
5	A virtuous cycle operated by ERp44 and ERGIC-53 guarantees proteostasis in the early secretory compartment. <i>IScience</i> , 2021, 24, 102244.	4.1	12
6	Molecular Evaluation of Endoplasmic Reticulum Homeostasis Meets Humoral Immunity. <i>Trends in Cell Biology</i> , 2021, 31, 529-541.	7.9	23
7	Human aquaporin-11 guarantees efficient transport of H ₂ O ₂ across the endoplasmic reticulum membrane. <i>Redox Biology</i> , 2020, 28, 101326.	9.0	85
8	Aquaporins: Gatekeepers in the borders of oxidative stress and redox signaling. , 2020, , 167-181.		0
9	<scp>The importance of naturally attenuated SARS-CoV</scp> in the fight against COVID</scp>. <i>Environmental Microbiology</i> , 2020, 22, 1997-2000.	3.8	54
10	Evolution, role in inflammation, and redox control of leaderless secretory proteins. <i>Journal of Biological Chemistry</i> , 2020, 295, 7799-7811.	3.4	29
11	Role of the early secretory pathway in SARS-CoV-2 infection. <i>Journal of Cell Biology</i> , 2020, 219, .	5.2	63
12	Monitoring cytosolic H ₂ O ₂ fluctuations arising from altered plasma membrane gradients or from mitochondrial activity. <i>Nature Communications</i> , 2019, 10, 4526.	12.8	33
13	Atypical IgM on T cells predict relapse and steroid dependence in idiopathic nephrotic syndrome. <i>Kidney International</i> , 2019, 96, 971-982.	5.2	22
14	Zinc regulates ERp44-dependent protein quality control in the early secretory pathway. <i>Nature Communications</i> , 2019, 10, 603.	12.8	52
15	Inadequate BiP availability defines endoplasmic reticulum stress. <i>ELife</i> , 2019, 8, .	6.0	50
16	Redox crosstalk at endoplasmic reticulum (ER) membrane contact sites (MCS) uses toxic waste to deliver messages. <i>Cell Death and Disease</i> , 2018, 9, 331.	6.3	158
17	The unconventional secretion of IL-1 β : Handling a dangerous weapon to optimize inflammatory responses. <i>Seminars in Cell and Developmental Biology</i> , 2018, 83, 12-21.	5.0	47
18	Role of Selenof as a Gatekeeper of Secreted Disulfide-Rich Glycoproteins. <i>Cell Reports</i> , 2018, 23, 1387-1398.	6.4	49

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19	Progressive waves of IL-1 β release by primary human monocytes via sequential activation of vesicular and gasdermin D-mediated secretory pathways. <i>Cell Death and Disease</i> , 2018, 9, 1088.	6.3	61
20	A persulfidation-based mechanism controls aquaporin-8 conductance. <i>Science Advances</i> , 2018, 4, eaar5770.	10.3	44
21	Redox-Dependent Circuits Regulating B Lymphocyte Physiology. , 2018, , 183-201.		0
22	CHAPTER 3.4. Mechanisms of Oxidative Protein Folding and Thiol-dependent Quality Control: Tales of Cysteines and Cystines. <i>Chemical Biology</i> , 2018, , 249-266.	0.2	5
23	Regulation of Calcium Fluxes by GPX8, a Type-II Transmembrane Peroxidase Enriched at the Mitochondria-Associated Endoplasmic Reticulum Membrane. <i>Antioxidants and Redox Signaling</i> , 2017, 27, 583-595.	5.4	63
24	Structural basis of pH-dependent client binding by ERp44, a key regulator of protein secretion at the ER-Golgi interface. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E3224-E3232.	7.1	32
25	A peptide extension dictates IgM assembly. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E8575-E8584.	7.1	19
26	Roles of N-glycans in the polymerization-dependent aggregation of mutant Ig λ chains in the early secretory pathway. <i>Scientific Reports</i> , 2017, 7, 41815.	3.3	8
27	Dysregulated IL-1 β Secretion in Autoinflammatory Diseases: A Matter of Stress?. <i>Frontiers in Immunology</i> , 2017, 8, 345.	4.8	36
28	Cysteines as Redox Molecular Switches and Targets of Disease. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 167.	2.9	95
29	Ratiometric sensing of BiP-client versus BiP levels by the unfolded protein response determines its signaling amplitude. <i>ELife</i> , 2017, 6, .	6.0	64
30	Regulation of H ₂ O ₂ Transport across Cell Membranes. , 2017, , 365-385.		1
31	Assessing Heterogeneity of Osteolytic Lesions in Multiple Myeloma by 1H HR-MAS NMR Metabolomics. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1814.	4.1	5
32	Crystal Structure of the ERp44-Peroxiredoxin 4 Complex Reveals the Molecular Mechanisms of Thiol-Mediated Protein Retention. <i>Structure</i> , 2016, 24, 1755-1765.	3.3	34
33	AQP8 transports NOX2-generated H ₂ O ₂ across the plasma membrane to promote signaling in B cells. <i>Journal of Leukocyte Biology</i> , 2016, 100, 1071-1079.	3.3	69
34	Stress Regulates Aquaporin-8 Permeability to Impact Cell Growth and Survival. <i>Antioxidants and Redox Signaling</i> , 2016, 24, 1031-1044.	5.4	82
35	Transit of H ₂ O ₂ across the endoplasmic reticulum membrane is not sluggish. <i>Free Radical Biology and Medicine</i> , 2016, 94, 157-160.	2.9	48
36	Aberrant disulphide bonding contributes to the ER retention of alpha1-antitrypsin deficiency variants. <i>Human Molecular Genetics</i> , 2016, 25, 642-650.	2.9	28

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37	Biochemical nature of Russell Bodies. <i>Scientific Reports</i> , 2015, 5, 12585.	3.3	8
38	Sialylation of N-Linked Glycans Influences the Immunomodulatory Effects of IgM on T Cells. <i>Journal of Immunology</i> , 2015, 194, 151-157.	0.8	48
39	Proteostasis and redox homeostasis in the secretory pathway: Tales of tails from ERp44 and immunoglobulins. <i>Free Radical Biology and Medicine</i> , 2015, 83, 323-330.	2.9	36
40	MHC Class II Transactivator Is an In Vivo Regulator of Osteoclast Differentiation and Bone Homeostasis Co-opted From Adaptive Immunity. <i>Journal of Bone and Mineral Research</i> , 2014, 29, 290-303.	2.8	15
41	Different redox sensitivity of endoplasmic reticulum associated degradation clients suggests a novel role for disulphide bonds in secretory proteins. <i>Biochemistry and Cell Biology</i> , 2014, 92, 113-118.	2.0	11
42	A RIDDLE solved: Why an intact IRE1 α /XBP1 signaling relay is key for humoral immune responses. <i>European Journal of Immunology</i> , 2014, 44, 641-645.	2.9	4
43	Progressive quality control of secretory proteins in the early secretory compartment by ERp44. <i>Journal of Cell Science</i> , 2014, 127, 4260-9.	2.0	36
44	Glutathione Peroxidase 7 Utilizes Hydrogen Peroxide Generated by Ero1 α to Promote Oxidative Protein Folding. <i>Antioxidants and Redox Signaling</i> , 2014, 20, 545-556.	5.4	98
45	A Dynamic Study of Protein Secretion and Aggregation in the Secretory Pathway. <i>PLoS ONE</i> , 2014, 9, e108496.	2.5	14
46	A pH-Regulated Quality Control Cycle for Surveillance of Secretory Protein Assembly. <i>Molecular Cell</i> , 2013, 50, 783-792.	9.7	70
47	Response to Marinelli and Marchisio. <i>Antioxidants and Redox Signaling</i> , 2013, 19, 897-897.	5.4	1
48	Plasma cells require autophagy for sustainable immunoglobulin production. <i>Nature Immunology</i> , 2013, 14, 298-305.	14.5	358
49	Tyrosine Kinase Signal Modulation: A Matter of H ₂ O ₂ Membrane Permeability?. <i>Antioxidants and Redox Signaling</i> , 2013, 19, 1447-1451.	5.4	104
50	Ero1 α -PDI interactions, the response to redox flux and the implications for disulfide bond formation in the mammalian endoplasmic reticulum. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013, 368, 20110403.	4.0	59
51	Remembering Michael S Neuberger (1953-2013). <i>EMBO Journal</i> , 2013, 32, 3112-3113.	7.8	0
52	Dynamic Regulation of Ero1 α and Peroxiredoxin 4 Localization in the Secretory Pathway. <i>Journal of Biological Chemistry</i> , 2013, 288, 29586-29594.	3.4	57
53	Iron increases the susceptibility of multiple myeloma cells to bortezomib. <i>Haematologica</i> , 2013, 98, 971-979.	3.5	40
54	Production of H ₂ O ₂ in the Endoplasmic Reticulum Promotes <i>In Vivo</i> Disulfide Bond Formation. <i>Antioxidants and Redox Signaling</i> , 2012, 16, 1088-1099.	5.4	26

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55	Pivotal Advance: Protein synthesis modulates responsiveness of differentiating and malignant plasma cells to proteasome inhibitors. <i>Journal of Leukocyte Biology</i> , 2012, 92, 921-931.	3.3	67
56	Peroxides and Peroxidases in the Endoplasmic Reticulum: Integrating Redox Homeostasis and Oxidative Folding. <i>Antioxidants and Redox Signaling</i> , 2012, 16, 763-771.	5.4	64
57	Ero1 β Regulates Ca ²⁺ Fluxes at the Endoplasmic Reticulum-Mitochondria Interface (MAM). <i>Antioxidants and Redox Signaling</i> , 2012, 16, 1077-1087.	5.4	180
58	On the Redox Control of B Lymphocyte Differentiation and Function. <i>Antioxidants and Redox Signaling</i> , 2012, 16, 1139-1149.	5.4	35
59	Metabolomics of B to Plasma Cell Differentiation. <i>Journal of Proteome Research</i> , 2011, 10, 4165-4176.	3.7	83
60	Oxidative Protein Folding in the Secretory Pathway and Redox Signaling Across Compartments and Cells. <i>Traffic</i> , 2011, 12, 1-8.	2.7	62
61	Proteostasis and plasma cell pathophysiology. <i>Current Opinion in Cell Biology</i> , 2011, 23, 216-222.	5.4	46
62	Molecular Bases of Cyclic and Specific Disulfide Interchange between Human ERO1 β Protein and Protein-disulfide Isomerase (PDI). <i>Journal of Biological Chemistry</i> , 2011, 286, 16261-16271.	3.4	63
63	Proteostasis and plasma cell pathophysiology. , 2011, 23, 216-216.		1
64	Expression of Mutant or Cytosolic PrP in Transgenic Mice and Cells Is Not Associated with Endoplasmic Reticulum Stress or Proteasome Dysfunction. <i>PLoS ONE</i> , 2011, 6, e19339.	2.5	32
65	ERp44 and ERGIC-53 Synergize in Coupling Efficiency and Fidelity of IgM Polymerization and Secretion. <i>Traffic</i> , 2010, 11, 651-659.	2.7	50
66	Pathogenesis of ER Storage Disorders: Modulating Russell Body Biogenesis by Altering Proximal and Distal Quality Control. <i>Traffic</i> , 2010, 11, 947-957.	2.7	31
67	Pathogenesis of ER Storage Disorders: Modulating Russell Body Biogenesis by Altering Proximal and Distal Quality Control. <i>Traffic</i> , 2010, 11, 1380-1380.	2.7	0
68	Crystal structures of human Ero1 β reveal the mechanisms of regulated and targeted oxidation of PDI. <i>EMBO Journal</i> , 2010, 29, 3330-3343.	7.8	113
69	From antibodies to adiponectin: role of ERp44 in sizing and timing protein secretion. <i>Diabetes, Obesity and Metabolism</i> , 2010, 12, 39-47.	4.4	25
70	CHOP-independent apoptosis and pathway-selective induction of the UPR in developing plasma cells. <i>Molecular Immunology</i> , 2010, 47, 1356-1365.	2.2	56
71	Physiology and pathology of proteostasis in the early secretory compartment. <i>Seminars in Cell and Developmental Biology</i> , 2010, 21, 520-525.	5.0	24
72	Redox Remodeling Allows and Controls B-Cell Activation and Differentiation. <i>Antioxidants and Redox Signaling</i> , 2010, 13, 1145-1155.	5.4	83

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73	B- to Plasma-Cell Terminal Differentiation Entails Oxidative Stress and Profound Reshaping of the Antioxidant Responses. <i>Antioxidants and Redox Signaling</i> , 2010, 13, 1133-1144.	5.4	110
74	A New Fluorogenic Peptide Determines Proteasome Activity in Single Cells. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 7452-7460.	6.4	20
75	Chemo-metabolic regulation of immune responses by Tregs. <i>Nature Chemical Biology</i> , 2009, 5, 709-710.	8.0	5
76	Stress as an Intercellular Signal: The Emergence of Stress-Associated Molecular Patterns (SAMP). <i>Antioxidants and Redox Signaling</i> , 2009, 11, 2621-2629.	5.4	31
77	The proteasome load versus capacity balance determines apoptotic sensitivity of multiple myeloma cells to proteasome inhibition. <i>Blood</i> , 2009, 113, 3040-3049.	1.4	220
78	SEL1L and HRD1 are involved in the degradation of unassembled secretory IgA μ chains. <i>Journal of Cellular Physiology</i> , 2008, 215, 794-802.	4.1	38
79	Dampening Ab responses using proteasome inhibitors following <i>in vivo</i> B cell activation. <i>European Journal of Immunology</i> , 2008, 38, 658-667.	2.9	56
80	Crystal structure of human ERp44 shows a dynamic functional modulation by its carboxy-terminal tail. <i>EMBO Reports</i> , 2008, 9, 642-647.	4.5	66
81	Protein quality control in the early secretory pathway. <i>EMBO Journal</i> , 2008, 27, 315-327.	7.8	543
82	Redox homeostasis modulates the sensitivity of myeloma cells to bortezomib. <i>British Journal of Haematology</i> , 2008, 141, 494-503.	2.5	65
83	Building and operating an antibody factory: Redox control during B to plasma cell terminal differentiation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2008, 1783, 578-588.	4.1	44
84	Multistep, sequential control of the trafficking and function of the multiple sulfatase deficiency gene product, SUMF1 by PDI, ERGIC-53 and ERp44. <i>Human Molecular Genetics</i> , 2008, 17, 2610-2621.	2.9	62
85	Proteotoxic stress and cell lifespan control. <i>Molecules and Cells</i> , 2008, 26, 323-8.	2.6	9
86	Diseases Originating from Altered Protein Quality Control in the Endoplasmic Reticulum. <i>Current Medicinal Chemistry</i> , 2007, 14, 1639-1652.	2.4	15
87	Interplays Between Covalent Modifications in the Endoplasmic Reticulum Increase Conformational Diversity in Nascent Prion Protein. <i>Prion</i> , 2007, 1, 236-242.	1.8	5
88	Bortezomib in the treatment of AL amyloidosis: targeted therapy?. <i>Haematologica</i> , 2007, 92, 1302-1307.	3.5	85
89	Managing and exploiting stress in the antibody factory. <i>FEBS Letters</i> , 2007, 581, 3652-3657.	2.8	104
90	Cellular stress. <i>FEBS Letters</i> , 2007, 581, 3581-3581.	2.8	2

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91	Sequential steps and checkpoints in the early exocytic compartment during secretory IgM biogenesis. <i>EMBO Journal</i> , 2007, 26, 4177-4188.	7.8	120
92	Endoplasmic Reticulum Stress. <i>Annals of the New York Academy of Sciences</i> , 2007, 1113, 58-71.	3.8	161
93	Progressively impaired proteasomal capacity during terminal plasma cell differentiation. <i>EMBO Journal</i> , 2006, 25, 1104-1113.	7.8	139
94	ER storage diseases: a role for ERGIC-53 in controlling the formation and shape of Russell bodies. <i>Journal of Cell Science</i> , 2006, 119, 2532-2541.	2.0	59
95	The Diversity of Oxidative Protein Folding. <i>Antioxidants and Redox Signaling</i> , 2006, 8, 271-273.	5.4	4
96	Dynamic Retention of Ero1 ^{1±} and Ero1 ² in the Endoplasmic Reticulum by Interactions with PDI and ERp44. <i>Antioxidants and Redox Signaling</i> , 2006, 8, 274-282.	5.4	93
97	Conditions of Endoplasmic Reticulum Stress Favor the Accumulation of Cytosolic Prion Protein. <i>Journal of Biological Chemistry</i> , 2006, 281, 30431-30438.	3.4	91
98	Glutathione Limits Ero1-dependent Oxidation in the Endoplasmic Reticulum. <i>Journal of Biological Chemistry</i> , 2004, 279, 32667-32673.	3.4	130
99	Two Conserved Cysteine Triads in Human Ero1 ^{1±} Cooperate for Efficient Disulfide Bond Formation in the Endoplasmic Reticulum. <i>Journal of Biological Chemistry</i> , 2004, 279, 30047-30052.	3.4	51
100	Stress, Protein (Mis) folding, and Signaling: The Redox Connection. <i>Science Signaling</i> , 2004, 2004, pe27-pe27.	3.6	76
101	Fibroblasts from FAD-linked presenilin 1 mutations display a normal unfolded protein response but overproduce A β 42 in response to tunicamycin. <i>Neurobiology of Disease</i> , 2004, 15, 380-386.	4.4	17
102	Immunoglobulin Assembly and Secretion. , 2004, , 261-273.		24
103	Thiol-mediated protein retention in the endoplasmic reticulum: the role of ERp44. <i>EMBO Journal</i> , 2003, 22, 5015-5022.	7.8	208
104	Quality control in the endoplasmic reticulum protein factory. <i>Nature</i> , 2003, 426, 891-894.	27.8	625
105	Sequential Waves of Functionally Related Proteins Are Expressed When B Cells Prepare for Antibody Secretion. <i>Immunity</i> , 2003, 18, 243-253.	14.3	341
106	The Making of a Professional Secretory Cell: Architectural and Functional Changes in the ER during B Lymphocyte Plasma Cell Differentiation. <i>Biological Chemistry</i> , 2003, 384, 1273-7.	2.5	16
107	ERdj5, an Endoplasmic Reticulum (ER)-resident Protein Containing DnaJ and Thioredoxin Domains, Is Expressed in Secretory Cells or following ER Stress. <i>Journal of Biological Chemistry</i> , 2003, 278, 1059-1066.	3.4	175
108	Antigen-presenting dendritic cells provide the reducing extracellular microenvironment required for T lymphocyte activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 1491-1496.	7.1	342

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109	Formation, isomerisation and reduction of disulphide bonds during protein quality control in the endoplasmic reticulum. <i>Histochemistry and Cell Biology</i> , 2002, 117, 151-157.	1.7	78
110	ERp44, a novel endoplasmic reticulum folding assistant of the thioredoxin family. <i>EMBO Journal</i> , 2002, 21, 835-844.	7.8	237
111	The C-terminal domain of yeast Ero1p mediates membrane localization and is essential for function. <i>FEBS Letters</i> , 2001, 508, 117-120.	2.8	46
112	Expression of KIF3C kinesin during neural development and in vitro neuronal differentiation. <i>Journal of Neurochemistry</i> , 2001, 77, 741-753.	3.9	23
113	Manipulation of oxidative protein folding and PDI redox state in mammalian cells. <i>EMBO Journal</i> , 2001, 20, 6288-6296.	7.8	231
114	Glycoprotein Quality Control in the Endoplasmic Reticulum. <i>Journal of Biological Chemistry</i> , 2001, 276, 12885-12892.	3.4	101
115	Reduction of Interchain Disulfide Bonds Precedes the Dislocation of Ig- μ Chains from the Endoplasmic Reticulum to the Cytosol for Proteasomal Degradation. <i>Journal of Biological Chemistry</i> , 2001, 276, 40962-40967.	3.4	77
116	Degradation of unassembled soluble Ig subunits by cytosolic proteasomes: evidence that retrotranslocation and degradation are coupled events. <i>FASEB Journal</i> , 2000, 14, 769-778.	0.5	96
117	ERO1-L, a Human Protein That Favors Disulfide Bond Formation in the Endoplasmic Reticulum. <i>Journal of Biological Chemistry</i> , 2000, 275, 4827-4833.	3.4	264
118	Endoplasmic Reticulum Oxidoreductin 1-L ² (ERO1-L ²), a Human Gene Induced in the Course of the Unfolded Protein Response. <i>Journal of Biological Chemistry</i> , 2000, 275, 23685-23692.	3.4	239
119	CD36 Is a Ditopic Glycoprotein with the N-Terminal Domain Implicated in Intracellular Transport. <i>Biochemical and Biophysical Research Communications</i> , 2000, 275, 446-454.	2.1	45
120	Aspects of Gene Regulation during the UPR in Human Cells. <i>Biochemical and Biophysical Research Communications</i> , 2000, 278, 530-536.	2.1	24
121	Genomic organization and transcriptional analysis of the human genes coding for caveolin-1 and caveolin-2. <i>Gene</i> , 2000, 243, 75-83.	2.2	29
122	Aggresomes and Russell bodies. <i>EMBO Reports</i> , 2000, 1, 225-231.	4.5	225
123	A computer-driven approach to PCR-based differential screening, alternative to differential display. <i>Bioinformatics</i> , 1999, 15, 93-105.	4.1	14
124	Reply to Reinhold et al.. <i>Trends in Immunology</i> , 1999, 20, 384-385.	7.5	0
125	HIV-1 Tat: immunosuppression via TGF- β 1 induction. <i>Trends in Immunology</i> , 1999, 20, 384.	7.5	46
126	Human Caveolin-1 and Caveolin-2 Are Closely Linked Genes Colocalized with WI-5336 in a Region of 7q31 Frequently Deleted in Tumors. <i>Genomics</i> , 1999, 56, 355-356.	2.9	26

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127	Changes in gene expression during the growth arrest of HepG2 hepatoma cells induced by reducing agents or TGF β 21. <i>Oncogene</i> , 1998, 16, 2935-2943.	5.9	15
128	HIV-1 Tat: a polypeptide for all seasons. <i>Trends in Immunology</i> , 1998, 19, 543-545.	7.5	108
129	Biogenesis and function of IgM: the role of the conserved μ -chain tailpiece glycans. <i>Molecular Immunology</i> , 1998, 35, 837-845.	2.2	37
130	KIF3C, a Novel Member of the Kinesin Superfamily: Sequence, Expression, and Mapping to Human Chromosome 2 at 2p23. <i>Genomics</i> , 1998, 47, 405-408.	2.9	27
131	Antibodies, Secretion. , 1998, , 144-148.		0
132	Differential expression of Gal β 1,3Gal epitope in polymeric and monomeric IgM secreted by mouse myeloma cells deficient in β 2,6-sialyltransferase. <i>Glycobiology</i> , 1998, 8, 841-848.	2.5	13
133	Secretion of Thiols and Disulfide Bond Formation: Retraction. <i>Science</i> , 1998, 279, 1283j-1283.	12.6	2
134	Formation of one or more intrachain disulphide bonds is required for the intracellular processing and transport of CD36. <i>Biochemical Journal</i> , 1997, 328, 635-642.	3.7	29
135	Cysteine and Glutathione Secretion in Response to Protein Disulfide Bond Formation in the ER. <i>Science</i> , 1997, 277, 1681-1684.	12.6	93
136	The Association of HIV-1 Tat with Nuclei Is Regulated by Ca $^{2+}$ Ions and Cytosolic Factors. <i>Journal of Biological Chemistry</i> , 1997, 272, 11256-11260.	3.4	9
137	Stringent thiol-mediated retention in B lymphocytes and <i>Xenopus</i> oocytes correlates with inefficient IgM polymerization. <i>European Journal of Immunology</i> , 1997, 27, 1283-1291.	2.9	8
138	Secretion of Mammalian Proteins that Lack a Signal Sequence. <i>Molecular Biology Intelligence Unit</i> , 1997, , 87-114.	0.2	39
139	IgM polymerization inhibits the Golgi-mediated processing of the μ -chain carboxy-terminal glycans. <i>Molecular Immunology</i> , 1996, 33, 15-24.	2.2	49
140	Synthesis, Processing, and Intracellular Transport of CD36 during Monocytic Differentiation. <i>Journal of Biological Chemistry</i> , 1996, 271, 1770-1775.	3.4	65
141	Exposed Thiols Confer Localization in the Endoplasmic Reticulum by Retention Rather than Retrieval. <i>Journal of Biological Chemistry</i> , 1996, 271, 26138-26142.	3.4	40
142	Nuclear translocation of an exogenous fusion protein containing HIV Tat requires unfolding. <i>Aids</i> , 1995, 9, 995-1000.	2.2	43
143	Entry of exogenous polypeptides into the nucleus of living cells: facts and speculations. <i>Trends in Cell Biology</i> , 1995, 5, 409-412.	7.9	15
144	The efficiency of cysteine-mediated intracellular retention determines the differential fate of secretory IgA and IgM in B and plasma cells. <i>European Journal of Immunology</i> , 1994, 24, 2477-2482.	2.9	42

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145	A novel way to get out of the cell. <i>Cytotechnology</i> , 1993, 11, S37-S40.	1.6	5
146	Post-translational regulation of interleukin 1 β secretion. <i>Cytokine</i> , 1993, 5, 117-124.	3.2	53
147	The Endoplasmic Reticulum as a Site of Protein Degradation. <i>Sub-Cellular Biochemistry</i> , 1993, 21, 143-168.	2.4	36
148	Interleukin 1 β and thioredoxin are secreted through a novel pathway of secretion. <i>Biochemical Society Transactions</i> , 1991, 19, 255-259.	3.4	73
149	Secretion of immunoglobulin M assembly intermediates in the presence of reducing agents. <i>Nature</i> , 1990, 347, 485-487.	27.8	145
150	Developmental regulation of IgM secretion: The role of the carboxy-terminal cysteine. <i>Cell</i> , 1990, 60, 781-790.	28.9	248
151	Protein degradation in the endoplasmic reticulum. <i>Cell</i> , 1990, 62, 611-614.	28.9	739
152	A novel pathway for secretory proteins?. <i>Trends in Biochemical Sciences</i> , 1990, 15, 86-88.	7.5	285
153	Regulation of IgM biosynthesis in human chronic lymphocytic leukemia. Normal and neoplastic B cells respond differently to TPA. <i>Leukemia Research</i> , 1989, 13, 1105-1111.	0.8	1
154	The control of membrane and secreted heavy chain biosynthesis varies in different immunoglobulin isotypes produced by a monoclonal B cell lymphoma. <i>Molecular Immunology</i> , 1988, 25, 189-197.	2.2	19
155	Differentiation in the murine B cell lymphoma I.29: individual I α 4+ clones may be induced by lipopolysaccharide to both IgM secretion and isotype switching. <i>European Journal of Immunology</i> , 1987, 17, 555-562.	2.9	31
156	Differentiation in the murine B cell lymphoma I.29: inductive capacities of lipopolysaccharide and <i>Mycoplasma fermentans</i> products. <i>European Journal of Immunology</i> , 1985, 15, 570-575.	2.9	19
157	Maturation of chronic lymphocytic leukemia B cells: Correlation between the capacity of responding to T-cell factors in vitro and the stage of maturation reached in vivo. <i>Clinical Immunology and Immunopathology</i> , 1985, 34, 296-303.	2.0	4
158	Biosynthesis of membrane and secreted μ -chains during lipopolysaccharide-induced differentiation of an IgE+ murine B-lymphoma. <i>Molecular Immunology</i> , 1985, 22, 1289-1296.	2.2	12
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