Roberto Sitia

List of Publications by Year
in descending order

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	Protein degradation in the endoplasmic reticulum. Cell, 1990, 62, 611-614.	28.9	739
2	Quality control in the endoplasmic reticulum protein factory. Nature, 2003, 426, 891-894.	27.8	625
3	Protein quality control in the early secretory pathway. EMBO Journal, 2008, 27, 315-327.	7.8	543
4	Plasma cells require autophagy for sustainable immunoglobulin production. Nature Immunology, 2013, 14, 298-305.	14.5	358
5	Antigen-presenting dendritic cells provide the reducing extracellular microenvironment required for T lymphocyte activation. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 1491-1496.	7.1	342
6	Sequential Waves of Functionally Related Proteins Are Expressed When B Cells Prepare for Antibody Secretion. Immunity, 2003, 18, 243-253.	14.3	341
7	A novel pathway for secretory proteins?. Trends in Biochemical Sciences, 1990, 15, 86-88.	7.5	285
8	ERO1-L, a Human Protein That Favors Disulfide Bond Formation in the Endoplasmic Reticulum. Journal of Biological Chemistry, 2000, 275, 4827-4833.	3.4	264
9	Developmental regulation of IgM secretion: The role of the carboxy-terminal cysteine. Cell, 1990, 60, 781-790.	28.9	248
10	Endoplasmic Reticulum Oxidoreductin 1-LÎ² (ERO1-LÎ²), a Human Gene Induced in the Course of the Unfolded Protein Response. Journal of Biological Chemistry, 2000, 275, 23685-23692.	3.4	239
11	ERp44, a novel endoplasmic reticulum folding assistant of the thioredoxin family. EMBO Journal, 2002, 21, 835-844.	7.8	237
12	Manipulation of oxidative protein folding and PDI redox state in mammalian cells. EMBO Journal, 2001, 20, 6288-6296.	7.8	231
13	Aggresomes and Russell bodies. EMBO Reports, 2000, 1, 225-231.	4.5	225
14	The proteasome load versus capacity balance determines apoptotic sensitivity of multiple myeloma cells to proteasome inhibition. Blood, 2009, 113, 3040-3049.	1.4	220
15	Thiol-mediated protein retention in the endoplasmic reticulum: the role of ERp44. EMBO Journal, 2003, 22, 5015-5022.	7.8	208
16	Ero1Î± Regulates Ca²⁺Fluxes at the Endoplasmic Reticulumâ€“Mitochondria Interface (MAM). Antioxidants and Redox Signaling, 2012, 16, 1077-1087.	5.4	180
17	ERdj5, an Endoplasmic Reticulum (ER)-resident Protein Containing DnaJ and Thioredoxin Domains, Is Expressed in Secretory Cells or following ER Stress. Journal of Biological Chemistry, 2003, 278, 1059-1066.	3.4	175
18	Endoplasmic Reticulum Stress. Annals of the New York Academy of Sciences, 2007, 1113, 58-71.	3.8	161

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19	Redox crosstalk at endoplasmic reticulum (ER) membrane contact sites (MCS) uses toxic waste to deliver messages. Cell Death and Disease, 2018, 9, 331.	6.3	158
20	Secretion of immunoglobulin M assembly intermediates in the presence of reducing agents. Nature, 1990, 347, 485-487.	27.8	145
21	Progressively impaired proteasomal capacity during terminal plasma cell differentiation. EMBO Journal, 2006, 25, 1104-1113.	7.8	139
22	Glutathione Limits Ero1-dependent Oxidation in the Endoplasmic Reticulum. Journal of Biological Chemistry, 2004, 279, 32667-32673.	3.4	130
23	Sequential steps and checkpoints in the early exocytic compartment during secretory IgM biogenesis. EMBO Journal, 2007, 26, 4177-4188.	7.8	120
24	Crystal structures of human Ero1Î± reveal the mechanisms of regulated and targeted oxidation of PDI. EMBO Journal, 2010, 29, 3330-3343.	7.8	113
25	B- to Plasma-Cell Terminal Differentiation Entails Oxidative Stress and Profound Reshaping of the Antioxidant Responses. Antioxidants and Redox Signaling, 2010, 13, 1133-1144.	5.4	110
26	HIV-1 Tat: a polypeptide for all seasons. Trends in Immunology, 1998, 19, 543-545.	7.5	108
27	Managing and exploiting stress in the antibody factory. FEBS Letters, 2007, 581, 3652-3657.	2.8	104
28	Tyrosine Kinase Signal Modulation: A Matter of H₂O₂ Membrane Permeability?. Antioxidants and Redox Signaling, 2013, 19, 1447-1451.	5.4	104
29	Glycoprotein Quality Control in the Endoplasmic Reticulum. Journal of Biological Chemistry, 2001, 276, 12885-12892.	3.4	101
30	Glutathione Peroxidase 7 Utilizes Hydrogen Peroxide Generated by Ero1Î± to Promote Oxidative Protein Folding. Antioxidants and Redox Signaling, 2014, 20, 545-556.	5.4	98
31	Degradation of unassembled soluble Ig subunits by cytosolic proteasomes: evidence that retrotranslocation and degradation are coupled events. FASEB Journal, 2000, 14, 769-778.	0.5	96
32	Cysteines as Redox Molecular Switches and Targets of Disease. Frontiers in Molecular Neuroscience, 2017, 10, 167.	2.9	95
33	Cysteine and Glutathione Secretion in Response to Protein Disulfide Bond Formation in the ER. Science, 1997, 277, 1681-1684.	12.6	93
34	Dynamic Retention of Ero1Î± and Ero1Î² in the Endoplasmic Reticulum by Interactions with PDI and ERp44. Antioxidants and Redox Signaling, 2006, 8, 274-282.	5.4	93
35	Conditions of Endoplasmic Reticulum Stress Favor the Accumulation of Cytosolic Prion Protein. Journal of Biological Chemistry, 2006, 281, 30431-30438.	3.4	91
36	Bortezomib in the treatment of AL amyloidosis: targeted therapy?. Haematologica, 2007, 92, 1302-1307.	3.5	85

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37	Human aquaporin-11 guarantees efficient transport of H2O2 across the endoplasmic reticulum membrane. Redox Biology, 2020, 28, 101326.	9.0	85
38	Redox Remodeling Allows and Controls B-Cell Activation and Differentiation. Antioxidants and Redox Signaling, 2010, 13, 1145-1155.	5.4	83
39	Metabolomics of B to Plasma Cell Differentiation. Journal of Proteome Research, 2011, 10, 4165-4176.	3.7	83
40	Stress Regulates Aquaporin-8 Permeability to Impact Cell Growth and Survival. Antioxidants and Redox Signaling, 2016, 24, 1031-1044.	5.4	82
41	Formation, isomerisation and reduction of disulphide bonds during protein quality control in the endoplasmic reticulum. Histochemistry and Cell Biology, 2002, 117, 151-157.	1.7	78
42	Reduction of Interchain Disulfide Bonds Precedes the Dislocation of Ig-Âµ Chains from the Endoplasmic Reticulum to the Cytosol for Proteasomal Degradation. Journal of Biological Chemistry, 2001, 276, 40962-40967.	3.4	77
43	Stress, Protein (Mis)folding, and Signaling: The Redox Connection. Science Signaling, 2004, 2004, pe27-pe27.	3.6	76
44	Interleukin I<i>Î²</i> and thioredoxin are secreted through a novel pathway of secretion. Biochemical Society Transactions, 1991, 19, 255-259.	3.4	73
45	A pH-Regulated Quality Control Cycle for Surveillance of Secretory Protein Assembly. Molecular Cell, 2013, 50, 783-792.	9.7	70
46	AQP8 transports NOX2-generated H2O2 across the plasma membrane to promote signaling in B cells. Journal of Leukocyte Biology, 2016, 100, 1071-1079.	3.3	69
47	Pivotal Advance: Protein synthesis modulates responsiveness of differentiating and malignant plasma cells to proteasome inhibitors. Journal of Leukocyte Biology, 2012, 92, 921-931.	3.3	67
48	Crystal structure of human ERp44 shows a dynamic functional modulation by its carboxyâ€terminal tail. EMBO Reports, 2008, 9, 642-647.	4.5	66
49	Synthesis, Processing, and Intracellular Transport of CD36 during Monocytic Differentiation. Journal of Biological Chemistry, 1996, 271, 1770-1775.	3.4	65
50	Redox homeostasis modulates the sensitivity of myeloma cells to bortezomib. British Journal of Haematology, 2008, 141, 494-503.	2.5	65
51	Peroxides and Peroxidases in the Endoplasmic Reticulum: Integrating Redox Homeostasis and Oxidative Folding. Antioxidants and Redox Signaling, 2012, 16, 763-771.	5.4	64
52	Ratiometric sensing of BiP-client versus BiP levels by the unfolded protein response determines its signaling amplitude. ELife, 2017, 6, .	6.0	64
53	Molecular Bases of Cyclic and Specific Disulfide Interchange between Human ERO1Î± Protein and Protein-disulfide Isomerase (PDI). Journal of Biological Chemistry, 2011, 286, 16261-16271.	3.4	63
54	Regulation of Calcium Fluxes by GPX8, a Type-II Transmembrane Peroxidase Enriched at the Mitochondria-Associated Endoplasmic Reticulum Membrane. Antioxidants and Redox Signaling, 2017, 27, 583-595.	5.4	63

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55	Role of the early secretory pathway in SARS-CoV-2 infection. Journal of Cell Biology, 2020, 219, .	5.2	63
56	Multistep, sequential control of the trafficking and function of the multiple sulfatase deficiency gene product, SUMF1 by PDI, ERGIC-53 and ERp44. Human Molecular Genetics, 2008, 17, 2610-2621.	2.9	62
57	Oxidative Protein Folding in the Secretory Pathway and Redox Signaling Across Compartments and Cells. Traffic, 2011, 12, 1-8.	2.7	62
58	Progressive waves of IL-1Î² release by primary human monocytes via sequential activation of vesicular and gasdermin D-mediated secretory pathways. Cell Death and Disease, 2018, 9, 1088.	6.3	61
59	ER storage diseases: a role for ERGIC-53 in controlling the formation and shape of Russell bodies. Journal of Cell Science, 2006, 119, 2532-2541.	2.0	59
60	Ero1â€"PDI interactions, the response to redox flux and the implications for disulfide bond formation in the mammalian endoplasmic reticulum. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20110403.	4.0	59
61	Dynamic Regulation of Ero1Î± and Peroxiredoxin 4 Localization in the Secretory Pathway. Journal of Biological Chemistry, 2013, 288, 29586-29594.	3.4	57
62	Dampening Ab responses using proteasome inhibitors following <i>in vivo</i> B cell activation. European Journal of Immunology, 2008, 38, 658-667.	2.9	56
63	CHOP-independent apoptosis and pathway-selective induction of the UPR in developing plasma cells. Molecular Immunology, 2010, 47, 1356-1365.	2.2	56
64	<scp>The importance of naturally attenuated SARSâ€CoV</scp>â€2<scp>in the fight against COVID</scp>â€19. Environmental Microbiology, 2020, 22, 1997-2000.	3.8	54
65	Post-translational regulation of interleukin 1Î² secretion. Cytokine, 1993, 5, 117-124.	3.2	53
66	Zinc regulates ERp44-dependent protein quality control in the early secretory pathway. Nature Communications, 2019, 10, 603.	12.8	52
67	Two Conserved Cysteine Triads in Human Ero1Î± Cooperate for Efficient Disulfide Bond Formation in the Endoplasmic Reticulum. Journal of Biological Chemistry, 2004, 279, 30047-30052.	3.4	51
68	ERp44 and ERGIC-53 Synergize in Coupling Efficiency and Fidelity of IgM Polymerization and Secretion. Traffic, 2010, 11, 651-659.	2.7	50
69	Inadequate BiP availability defines endoplasmic reticulum stress. ELife, 2019, 8, .	6.0	50
70	IgM polymerization inhibits the Golgi-mediated processing of the Î¼-chain carboxy-terminal glycans. Molecular Immunology, 1996, 33, 15-24.	2.2	49
71	Role of Selenof as a Gatekeeper of Secreted Disulfide-Rich Glycoproteins. Cell Reports, 2018, 23, 1387-1398.	6.4	49
72	Sialylation of N-Linked Glycans Influences the Immunomodulatory Effects of IgM on T Cells. Journal of Immunology, 2015, 194, 151-157.	0.8	48

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73	Transit of H2O2 across the endoplasmic reticulum membrane is not sluggish. Free Radical Biology and Medicine, 2016, 94, 157-160.	2.9	48
74	The unconventional secretion of IL-1Î²: Handling a dangerous weapon to optimize inflammatory responses. Seminars in Cell and Developmental Biology, 2018, 83, 12-21.	5.0	47
75	HIV-1 Tat: immunosuppression via TGF-Î²1 induction. Trends in Immunology, 1999, 20, 384.	7.5	46
76	The C-terminal domain of yeast Ero1p mediates membrane localization and is essential for function. FEBS Letters, 2001, 508, 117-120.	2.8	46
77	Proteostenosis and plasma cell pathophysiology. Current Opinion in Cell Biology, 2011, 23, 216-222.	5.4	46
78	CD36 Is a Ditopic Glycoprotein with the N-Terminal Domain Implicated in Intracellular Transport. Biochemical and Biophysical Research Communications, 2000, 275, 446-454.	2.1	45
79	Building and operating an antibody factory: Redox control during B to plasma cell terminal differentiation. Biochimica Et Biophysica Acta - Molecular Cell Research, 2008, 1783, 578-588.	4.1	44
80	A persulfidation-based mechanism controls aquaporin-8 conductance. Science Advances, 2018, 4, eaar5770.	10.3	44
81	Nuclear translocation of an exogenous fusion protein containing HIV Tat requires unfolding. Aids, 1995, 9, 995-1000.	2.2	43
82	The efficiency of cysteine-mediated intracellular retention determines the differential fate of secretory IgA and IgM in B and plasma cells. European Journal of Immunology, 1994, 24, 2477-2482.	2.9	42
83	Exposed Thiols Confer Localization in the Endoplasmic Reticulum by Retention Rather than Retrieval. Journal of Biological Chemistry, 1996, 271, 26138-26142.	3.4	40
84	Iron increases the susceptibility of multiple myeloma cells to bortezomib. Haematologica, 2013, 98, 971-979.	3.5	40
85	Secretion of Mammalian Proteins that Lack a Signal Sequence. Molecular Biology Intelligence Unit, 1997, , 87-114.	0.2	39
86	SEL1L and HRD1 are involved in the degradation of unassembled secretory Igâ€Âµ chains. Journal of Cellular Physiology, 2008, 215, 794-802.	4.1	38
87	Biogenesis and function of IgM: the role of the conserved Î¼-chain tailpiece glycans. Molecular Immunology, 1998, 35, 837-845.	2.2	37
88	Progressive quality control of secretory proteins in the early secretory compartment by ERp44. Journal of Cell Science, 2014, 127, 4260-9.	2.0	36
89	Proteostasis and â€œredoxtasisâ€•in the secretory pathway: Tales of tails from ERp44 and immunoglobulins. Free Radical Biology and Medicine, 2015, 83, 323-330.	2.9	36
90	Dysregulated IL-1Î² Secretion in Autoinflammatory Diseases: A Matter of Stress?. Frontiers in Immunology, 2017, 8, 345.	4.8	36

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91	The Endoplasmic Reticulum as a Site of Protein Degradation. Sub-Cellular Biochemistry, 1993, 21, 143-168.	2.4	36
92	On the Redox Control of B Lymphocyte Differentiation and Function. Antioxidants and Redox Signaling, 2012, 16, 1139-1149.	5.4	35
93	Crystal Structure of the ERp44-Peroxiredoxin 4 Complex Reveals the Molecular Mechanisms of Thiol-Mediated Protein Retention. Structure, 2016, 24, 1755-1765.	3.3	34
94	Monitoring cytosolic H2O2 fluctuations arising from altered plasma membrane gradients or from mitochondrial activity. Nature Communications, 2019, 10, 4526.	12.8	33
95	Structural basis of pH-dependent client binding by ERp44, a key regulator of protein secretion at the ERâ€“Golgi interface. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E3224-E3232.	7.1	32
96	Expression of Mutant or Cytosolic PrP in Transgenic Mice and Cells Is Not Associated with Endoplasmic Reticulum Stress or Proteasome Dysfunction. PLoS ONE, 2011, 6, e19339.	2.5	32
97	Differentiation in the murine B cell lymphoma I.29: individual Î¼+ clones may be induced by lipopolysaccharide to both IgM secretion and isotype switching. European Journal of Immunology, 1987, 17, 555-562.	2.9	31
98	Stress as an Intercellular Signal: The Emergence of Stress-Associated Molecular Patterns (SAMP). Antioxidants and Redox Signaling, 2009, 11, 2621-2629.	5.4	31
99	Pathogenesis of ER Storage Disorders: Modulating Russell Body Biogenesis by Altering Proximal and Distal Quality Control. Traffic, 2010, 11, 947-957.	2.7	31
100	Formation of one or more intrachain disulphide bonds is required for the intracellular processing and transport of CD36. Biochemical Journal, 1997, 328, 635-642.	3.7	29
101	Genomic organization and transcriptional analysis of the human genes coding for caveolin-1 and caveolin-2. Gene, 2000, 243, 75-83.	2.2	29
102	Evolution, role in inflammation, and redox control of leaderless secretory proteins. Journal of Biological Chemistry, 2020, 295, 7799-7811.	3.4	29
103	Aberrant disulphide bonding contributes to the ER retention of alpha1-antitrypsin deficiency variants. Human Molecular Genetics, 2016, 25, 642-650.	2.9	28
104	KIF3C, a Novel Member of the Kinesin Superfamily: Sequence, Expression, and Mapping to Human Chromosome 2 at 2p23. Genomics, 1998, 47, 405-408.	2.9	27
105	Human Caveolin-1 and Caveolin-2 Are Closely Linked Genes Colocalized with WI-5336 in a Region of 7q31 Frequently Deleted in Tumors. Genomics, 1999, 56, 355-356.	2.9	26
106	Production of H₂O₂ in the Endoplasmic Reticulum Promotes <i>In Vivo</i> Disulfide Bond Formation. Antioxidants and Redox Signaling, 2012, 16, 1088-1099.	5.4	26
107	From antibodies to adiponectin: role of ERp44 in sizing and timing protein secretion. Diabetes, Obesity and Metabolism, 2010, 12, 39-47.	4.4	25
108	The role of glycosylation in secretion and membrane expression of immunoglobulins M and A. Molecular Immunology, 1984, 21, 709-719.	2.2	24

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109	Aspects of Gene Regulation during the UPR in Human Cells. Biochemical and Biophysical Research Communications, 2000, 278, 530-536.	2.1	24
110	Immunoglobulin Assembly and Secretion. , 2004, , 261-273.		24
111	Physiology and pathology of proteostasis in the early secretory compartment. Seminars in Cell and Developmental Biology, 2010, 21, 520-525.	5.0	24
112	Expression of KIF3C kinesin during neural development and inÂvitro neuronal differentiation. Journal of Neurochemistry, 2001, 77, 741-753.	3.9	23
113	Molecular Evaluation of Endoplasmic Reticulum Homeostasis Meets Humoral Immunity. Trends in Cell Biology, 2021, 31, 529-541.	7.9	23
114	Atypical IgM on T cells predict relapse and steroid dependence in idiopathic nephrotic syndrome. Kidney International, 2019, 96, 971-982.	5.2	22
115	The ontogeny of B lymphocytes V. Lipopolysaccharide-induced changes of IgD expression on murine B lymphocytes. European Journal of Immunology, 1979, 9, 859-864.	2.9	21
116	A New Fluorogenic Peptide Determines Proteasome Activity in Single Cells. Journal of Medicinal Chemistry, 2010, 53, 7452-7460.	6.4	20
117	Differentiation in the murine B cell lymphoma 1.29: inductive capacities of lipopolysaccharide andMycoplasma fermentans products. European Journal of Immunology, 1985, 15, 570-575.	2.9	19
118	The control of membrane and secreted heavy chain biosynthesis varies in different immunoglobulin isotypes produced by a monoclonal B cell lymphoma. Molecular Immunology, 1988, 25, 189-197.	2.2	19
119	A peptide extension dictates IgM assembly. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E8575-E8584.	7.1	19
120	Fibroblasts from FAD-linked presenilin 1 mutations display a normal unfolded protein response but overproduce AÎ²42 in response to tunicamycin. Neurobiology of Disease, 2004, 15, 380-386.	4.4	17
121	The Making of a Professional Secretory Cell: Architectural and Functional Changes in the ER during B Lymphocyte Plasma Cell Differentiation. Biological Chemistry, 2003, 384, 1273-7.	2.5	16
122	Lymphocyte membrane immunoglobulins: similarities between human IgD and mouse IgD-like molecules. European Journal of Immunology, 1977, 7, 503-507.	2.9	15
123	Entry of exogenous polypeptides into the nucleus of living cells: facts and speculations. Trends in Cell Biology, 1995, 5, 409-412.	7.9	15
124	Changes in gene expression during the growth arrest of HepG2 hepatoma cells induced by reducing agents or TGFÎ²1. Oncogene, 1998, 16, 2935-2943.	5.9	15
125	Diseases Originating from Altered Protein Quality Control in the Endoplasmic Reticulum. Current Medicinal Chemistry, 2007, 14, 1639-1652.	2.4	15
126	MHC Class II Transactivator Is an In Vivo Regulator of Osteoclast Differentiation and Bone Homeostasis Co-opted From Adaptive Immunity. Journal of Bone and Mineral Research, 2014, 29, 290-303.	2.8	15

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127	A computer-driven approach to PCR-based differential screening, alternative to differential display. Bioinformatics, 1999, 15, 93-105.	4.1	14
128	A Dynamic Study of Protein Secretion and Aggregation in the Secretory Pathway. PLoS ONE, 2014, 9, e108496.	2.5	14
129	Differential expression of GalÂ1,3Gal epitope in polymeric and monomeric IgM secreted by mouse myeloma cells deficient in Â2,6-sialyltransferase. Glycobiology, 1998, 8, 841-848.	2.5	13
130	Biosynthesis of membrane and secreted Ïµ-chains during lipopolysaccharideinduced differentiation of an IgE+ murine B-lymphoma. Molecular Immunology, 1985, 22, 1289-1296.	2.2	12
131	A virtuous cycle operated by ERp44 and ERGIC-53 guarantees proteostasis in the early secretory compartment. IScience, 2021, 24, 102244.	4.1	12
132	Different redox sensitivity of endoplasmic reticulum associated degradation clients suggests a novel role for disulphide bonds in secretory proteins. Biochemistry and Cell Biology, 2014, 92, 113-118.	2.0	11
133	Transfer of H2O2 from Mitochondria to the endoplasmic reticulum via Aquaporin-11. Redox Biology, 2022, 55, 102410.	9.0	11
134	Biogenesis of secretory immunoglobulin M requires intermediate nonâ€native disulfide bonds and engagement of the protein disulfide isomerase ERp44. EMBO Journal, 2022, 41, e108518.	7.8	10
135	The Association of HIV-1 Tat with Nuclei Is Regulated by Ca2+ Ions and Cytosolic Factors. Journal of Biological Chemistry, 1997, 272, 11256-11260.	3.4	9
136	Proteotoxic stress and cell lifespan control. Molecules and Cells, 2008, 26, 323-8.	2.6	9
137	Stringent thiol-mediated retention in B lymphocytes andXenopus oocytes correlates with inefficient IgM polymerization. European Journal of Immunology, 1997, 27, 1283-1291.	2.9	8
138	Biochemical nature of Russell Bodies. Scientific Reports, 2015, 5, 12585.	3.3	8
139	Roles of N-glycans in the polymerization-dependent aggregation of mutant Ig-Î¼ chains in the early secretory pathway. Scientific Reports, 2017, 7, 41815.	3.3	8
140	Expression of a receptor for sheep erythrocytes by B lymphocytes from a chronic lymphocytic leukemia patient. Clinical Immunology and Immunopathology, 1983, 27, 210-222.	2.0	7
141	A novel way to get out of the cell. Cytotechnology, 1993, 11, S37-S40.	1.6	5
142	Interplays Between Covalent Modifications in the Endoplasmic Reticulum Increase Conformational Diversity in Nascent Prion Protein. Prion, 2007, 1, 236-242.	1.8	5
143	Chemo-metabolic regulation of immune responses by Tregs. Nature Chemical Biology, 2009, 5, 709-710.	8.0	5
144	Assessing Heterogeneity of Osteolytic Lesions in Multiple Myeloma by 1H HR-MAS NMR Metabolomics. International Journal of Molecular Sciences, 2016, 17, 1814.	4.1	5

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145	Endoplasmic reticulum oxidoreductase 1 alpha modulates prostate cancer hallmarks. Translational Andrology and Urology, 2021, 10, 1110-1120.	1.4	5
146	CHAPTER 3.4. Mechanisms of Oxidative Protein Folding and Thiol-dependent Quality Control: Tales of Cysteines and Cystines. Chemical Biology, 2018, , 249-266.	0.2	5
147	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. Clinical Immunology and Immunopathology, 1985, 34, 296-303.	2.0	4
148	The Diversity of Oxidative Protein Folding. Antioxidants and Redox Signaling, 2006, 8, 271-273.	5.4	4
149	A RIDDle solved: Why an intact IRE1Î±/XBPâ€1 signaling relay is key for humoral immune responses. European Journal of Immunology, 2014, 44, 641-645.	2.9	4
150	Profound architectural and functional readjustments of the secretory pathway in decidualization of endometrial stromal cells. Traffic, 2022, 23, 4-20.	2.7	4
151	Cellular stress. FEBS Letters, 2007, 581, 3581-3581.	2.8	2
152	Secretion of Thiols and Disulfide Bond Formation: Retraction. Science, 1998, 279, 1283j-1283.	12.6	2
153	Regulation of IgM biosynthesis in human chronic lymphocytic leukemia. Normal and neoplastic B cells respond differently to TPA. Leukemia Research, 1989, 13, 1105-1111.	0.8	1
154	Response to Marinelli and Marchissio. Antioxidants and Redox Signaling, 2013, 19, 897-897.	5.4	1
155	Proteostenosis and plasma cell pathophysiology. , 2011, 23, 216-216.		1
156	Stress as an intercellular signal: the emergence of stress associated molecular patterns (SAMP).. Antioxidants and Redox Signaling, 0, , 110306091003087.	5.4	1
157	Regulation of H2O2 Transport across Cell Membranes. , 2017, , 365-385.		1
158	Antibodies, Secretion. , 1998, , 144-148.		0
159	Reply to Reinhold et al.. Trends in Immunology, 1999, 20, 384-385.	7.5	0
160	Pathogenesis of ER Storage Disorders: Modulating Russell Body Biogenesis by Altering Proximal and Distal Quality Control. Traffic, 2010, 11, 1380-1380.	2.7	0
161	Remembering Michael S Neuberger (1953-2013). EMBO Journal, 2013, 32, 3112-3113.	7.8	0
162	Redox-Dependent Circuits Regulating B Lymphocyte Physiology. , 2018, , 183-201.		0

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163	Aquaporins: Gatekeepers in the borders of oxidative stress and redox signaling. , 2020, , 167-181.		0