

Daniele Sblattero

List of Publications by Year in descending order

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116
papers

4,213
citations

101384

36
h-index

128067

60
g-index

118
all docs

118
docs citations

118
times ranked

4092
citing authors

#	ARTICLE	IF	CITATIONS
1	Thrombus formation induced by antibodies to \hat{I}^{22} -glycoprotein I is complement dependent and requires a priming factor. <i>Blood</i> , 2005, 106, 2340-2346.	0.6	324
2	Exploiting recombination in single bacteria to make large phage antibody libraries. <i>Nature Biotechnology</i> , 2000, 18, 75-80.	9.4	321
3	Mass screening for coeliac disease using antihuman transglutaminase antibody assay. <i>Archives of Disease in Childhood</i> , 2004, 89, 512-515.	1.0	185
4	Human Recombinant Tissue Transglutaminase Elisa: An Innovative Diagnostic Assay for Celiac Disease. <i>American Journal of Gastroenterology</i> , 2000, 95, 1253-1257.	0.2	174
5	Molecular Dissection of the Tissue Transglutaminase Autoantibody Response in Celiac Disease. <i>Journal of Immunology</i> , 2001, 166, 4170-4176.	0.4	168
6	A non- \hat{C} complement-fixing antibody to \hat{I}^{22} glycoprotein I as a novel therapy for antiphospholipid syndrome. <i>Blood</i> , 2014, 123, 3478-3487.	0.6	120
7	Anti-tissue transglutaminase antibodies from coeliac patients inhibit transglutaminase activity both in vitro and in situ. <i>Gut</i> , 2002, 51, 177-181.	6.1	104
8	A definitive set of oligonucleotide primers for amplifying human V regions. <i>Immunotechnology: an International Journal of Immunological Engineering</i> , 1998, 3, 271-278.	2.4	98
9	Anti Transglutaminase Antibodies Cause Ataxia in Mice. <i>PLoS ONE</i> , 2010, 5, e9698.	1.1	93
10	Controlling complement resistance in cancer by using human monoclonal antibodies that neutralize complement-regulatory proteins CD55 and CD59. <i>European Journal of Immunology</i> , 2005, 35, 2175-2183.	1.6	92
11	Plasmid incompatibility: more compatible than previously thought?. <i>Protein Engineering, Design and Selection</i> , 2007, 20, 309-313.	1.0	87
12	SINEUPs: A new class of natural and synthetic antisense long non-coding RNAs that activate translation. <i>RNA Biology</i> , 2015, 12, 771-779.	1.5	84
13	SINEUPs are modular antisense long non-coding RNAs that increase synthesis of target proteins in cells. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 174.	1.8	81
14	Humoral Immune Response to Tissue Transglutaminase Is Related to Epithelial Cell Proliferation in Celiac Disease. <i>Gastroenterology</i> , 2007, 132, 1245-1253.	0.6	78
15	Development of a novel rapid non-invasive screening test for coeliac disease. <i>Gut</i> , 2000, 47, 628-631.	6.1	76
16	Antibodies in haystacks: how selection strategy influences the outcome of selection from molecular diversity libraries. <i>Journal of Immunological Methods</i> , 2001, 253, 233-242.	0.6	64
17	Bispecific antibodies targeting tumor-associated antigens and neutralizing complement regulators increase the efficacy of antibody-based immunotherapy in mice. <i>Leukemia</i> , 2015, 29, 406-414.	3.3	64
18	Rapid interactome profiling by massive sequencing. <i>Nucleic Acids Research</i> , 2010, 38, e110-e110.	6.5	62

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19	A single conformational transglutaminase 2 epitope contributed by three domains is critical for celiac antibody binding and effects. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 431-436.	3.3	62
20	Antibodies in proteomics II: screening, high-throughput characterization and downstream applications. <i>Trends in Biotechnology</i> , 2003, 21, 312-317.	4.9	57
21	The analysis of the fine specificity of celiac disease antibodies using tissue transglutaminase fragments. <i>FEBS Journal</i> , 2002, 269, 5175-5181.	0.2	55
22	Extending filamentous phage host range by the grafting of a heterologous receptor binding domain. <i>Gene</i> , 1997, 185, 27-33.	1.0	51
23	Antibodies in proteomics I: generating antibodies. <i>Trends in Biotechnology</i> , 2003, 21, 275-281.	4.9	50
24	Looking for Celiac Disease: Diagnostic Accuracy of Two Rapid Commercial Assays. <i>American Journal of Gastroenterology</i> , 2006, 101, 1597-1600.	0.2	50
25	Selecting Open Reading Frames From DNA. <i>Genome Research</i> , 2003, 13, 980-990.	2.4	49
26	A Reliable Screening Procedure for Coeliac Disease in Clinical Practice. <i>Scandinavian Journal of Gastroenterology</i> , 2002, 37, 679-684.	0.6	44
27	Cryptic genetic gluten intolerance revealed by intestinal antitransglutaminase antibodies and response to gluten-free diet. <i>Gut</i> , 2011, 60, 1487-1493.	6.1	43
28	Celiac disease in patients with sporadic and inherited cardiomyopathies and in their relatives. <i>European Heart Journal</i> , 2003, 24, 1455-1461.	1.0	41
29	The cleavage site of C5 from man and animals as a common target for neutralizing human monoclonal antibodies: in vitro and in vivo studies. <i>European Journal of Immunology</i> , 2002, 32, 2773-2782.	1.6	40
30	B7h Triggering Inhibits the Migration of Tumor Cell Lines. <i>Journal of Immunology</i> , 2014, 192, 4921-4931.	0.4	40
31	Construction of miniantibodies for the in vivo study of human autoimmune diseases in animal models. <i>BMC Biotechnology</i> , 2007, 7, 46.	1.7	39
32	Treatment of experimental arthritis by targeting synovial endothelium with a neutralizing recombinant antibody to C5. <i>Arthritis and Rheumatism</i> , 2012, 64, 2559-2567.	6.7	39
33	Gluten Ataxia: Passive Transfer in a Mouse Model. <i>Annals of the New York Academy of Sciences</i> , 2007, 1107, 319-328.	1.8	38
34	Characterizing monoclonal antibody epitopes by filtered gene fragment phage display. <i>Biochemical Journal</i> , 2005, 388, 889-894.	1.7	37
35	Majority of Children With Type 1 Diabetes Produce and Deposit Anti-Tissue Transglutaminase Antibodies in the Small Intestine. <i>Diabetes</i> , 2009, 58, 1578-1584.	0.3	37
36	Simple scale-up of recombinant antibody production using an UCOE containing vector. <i>New Biotechnology</i> , 2012, 29, 477-484.	2.4	37

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37	A deep-blue OLED-based biochip for protein microarray fluorescence detection. <i>Biosensors and Bioelectronics</i> , 2013, 46, 44-47.	5.3	36
38	Engineering mammalian cell factories with SINEUP noncoding RNAs to improve translation of secreted proteins. <i>Gene</i> , 2015, 569, 287-293.	1.0	35
39	ICOS-Ligand Triggering Impairs Osteoclast Differentiation and Function In Vitro and In Vivo. <i>Journal of Immunology</i> , 2016, 197, 3905-3916.	0.4	34
40	Targeting CD34+ cells of the inflamed synovial endothelium by guided nanoparticles for the treatment of rheumatoid arthritis. <i>Journal of Autoimmunity</i> , 2019, 103, 102288.	3.0	33
41	Celiac anti-tissue transglutaminase antibodies interfere with the uptake of alpha gliadin peptide 31-43 but not of peptide 57-68 by epithelial cells. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2010, 1802, 717-727.	1.8	32
42	Recombinant renewable polyclonal antibodies. <i>MAbs</i> , 2015, 7, 32-41.	2.6	31
43	Role of Anti-Osteopontin Antibodies in Multiple Sclerosis and Experimental Autoimmune Encephalomyelitis. <i>Frontiers in Immunology</i> , 2017, 8, 321.	2.2	30
44	Anti-idiotypic response in mice expressing human autoantibodies. <i>Molecular Immunology</i> , 2008, 45, 1782-1791.	1.0	28
45	Triggering of B7h by the ICOS Modulates Maturation and Migration of Monocyte-Derived Dendritic Cells. <i>Journal of Immunology</i> , 2013, 190, 1125-1134.	0.4	28
46	B7h Triggering Inhibits Umbilical Vascular Endothelial Cell Adhesiveness to Tumor Cell Lines and Polymorphonuclear Cells. <i>Journal of Immunology</i> , 2010, 185, 3970-3979.	0.4	27
47	Profiling celiac disease antibody repertoire. <i>Clinical Immunology</i> , 2013, 148, 99-109.	1.4	27
48	High-throughput assessment of the antibody profile in ovarian cancer ascitic fluids. <i>Oncolmmunology</i> , 2019, 8, e1614856.	2.1	25
49	Anti-cytokine autoantibodies in autoimmune diseases. <i>American Journal of Clinical and Experimental Immunology</i> , 2012, 1, 136-46.	0.2	25
50	Prevention of Arthritis by Locally Synthesized Recombinant Antibody Neutralizing Complement Component C5. <i>PLoS ONE</i> , 2013, 8, e58696.	1.1	24
51	Characterization of the Anti-Tissue Transglutaminase Antibody Response in Nonobese Diabetic Mice. <i>Journal of Immunology</i> , 2005, 174, 5830-5836.	0.4	23
52	Filtering "genic" open reading frames from genomic DNA samples for advanced annotation. <i>BMC Genomics</i> , 2011, 12, S5.	1.2	23
53	Differential induction of IL-17, IL-10, and IL-9 in human T helper cells by B7h and B7.1. <i>Cytokine</i> , 2013, 64, 322-330.	1.4	22
54	Celiac Disease-Specific TG2-Targeted Autoantibodies Inhibit Angiogenesis Ex Vivo and In Vivo in Mice by Interfering with Endothelial Cell Dynamics. <i>PLoS ONE</i> , 2013, 8, e65887.	1.1	22

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55	Primer sets for cloning the human repertoire of T cell Receptor Variable regions. <i>BMC Immunology</i> , 2008, 9, 50.	0.9	21
56	Anti-tissue transglutaminase antibodies activate intracellular tissue transglutaminase by modulating cytosolic Ca ²⁺ homeostasis. <i>Amino Acids</i> , 2013, 44, 251-260.	1.2	21
57	Mucosal tissue transglutaminase expression in celiac disease. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 334-340.	1.6	20
58	Tissue transglutaminase (TG2) enables survival of human malignant pleural mesothelioma cells in hypoxia. <i>Cell Death and Disease</i> , 2017, 8, e2592-e2592.	2.7	20
59	Targeted Delivery of Neutralizing Anti-C5 Antibody to Renal Endothelium Prevents Complement-Dependent Tissue Damage. <i>Frontiers in Immunology</i> , 2017, 8, 1093.	2.2	20
60	The RNA-binding protein ILF3 binds to transposable element sequences in SINEUP lncRNAs. <i>FASEB Journal</i> , 2019, 33, 13572-13589.	0.2	20
61	Phage Display Technology for Human Monoclonal Antibodies. <i>Methods in Molecular Biology</i> , 2014, 1060, 277-295.	0.4	19
62	Dual sugar gut-permeability testing on blood drop in animal models. <i>Clinica Chimica Acta</i> , 2005, 352, 191-197.	0.5	18
63	Rational Design of Antirheumatic Prodrugs Specific for Sites of Inflammation. <i>Arthritis and Rheumatology</i> , 2015, 67, 2661-2672.	2.9	18
64	In vivo recombination as a tool to generate molecular diversity in phage antibody libraries. <i>Reviews in Molecular Biotechnology</i> , 2001, 74, 303-315.	2.9	17
65	Impaired glycosylation blocks DPP10 cell surface expression and alters the electrophysiology of I to channel complex. <i>Pflügers Archiv European Journal of Physiology</i> , 2010, 460, 87-97.	1.3	17
66	Testing for Anti-Human Transglutaminase Antibodies in Saliva Is Not Useful for Diagnosis of Celiac Disease. <i>Clinical Chemistry</i> , 2004, 50, 216-219.	1.5	16
67	One-step cloning of anti tissue transglutaminase scFv from subjects with celiac disease. <i>Journal of Autoimmunity</i> , 2004, 22, 65-72.	3.0	16
68	Antibody library selection by the Î²-lactamase protein fragment complementation assay. <i>Protein Engineering, Design and Selection</i> , 2009, 22, 149-158.	1.0	16
69	Inhibition of transglutaminase 2 enzymatic activity ameliorates the anti-angiogenic effects of coeliac disease autoantibodies. <i>Scandinavian Journal of Gastroenterology</i> , 2010, 45, 421-427.	0.6	16
70	Selecting soluble/foldable protein domains through single-gene or genomic ORF filtering: structure of the head domain of Burkholderia pseudomallei antigen BPSL2063. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2015, 71, 2227-2235.	2.5	15
71	The Knowledge About Celiac Disease Among Healthcare Professionals and Patients in Central Europe. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2021, 72, 552-557.	0.9	15
72	Cryptic gluten intolerance in type 1 diabetes: identifying suitable candidates for a gluten free diet. <i>Gut</i> , 2006, 55, 133-134.	6.1	14

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73	The <i>Helicobacter pylori</i> CagY Protein Drives Gastric Th1 and Th17 Inflammation and B Cell Proliferation in Gastric MALT Lymphoma. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9459.	1.8	14
74	Binders Based on Dimerised Immunoglobulin VH Domains. <i>Journal of Molecular Biology</i> , 2003, 333, 355-365.	2.0	13
75	Celiac Anti-Type 2 Transglutaminase Antibodies Induce Phosphoproteome Modification in Intestinal Epithelial Caco-2 Cells. <i>PLoS ONE</i> , 2013, 8, e84403.	1.1	13
76	A label-free immunoassay for Flavivirus detection by the Reflective Phantom Interface technology. <i>Biochemical and Biophysical Research Communications</i> , 2017, 492, 558-564.	1.0	13
77	Humoral immune responses toward tumor-derived antigens in previously untreated patients with chronic lymphocytic leukemia. <i>Oncotarget</i> , 2017, 8, 3274-3288.	0.8	13
78	The transmembrane β -subunits KCNE1, KCNE2, and DPP6 modify pharmacological effects of the antiarrhythmic agent tedisamil on the transient outward current I_{to} . <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2009, 379, 617-626.	1.4	12
79	Transglutaminase 2-specific coeliac disease autoantibodies induce morphological changes and signs of inflammation in the small-bowel mucosa of mice. <i>Amino Acids</i> , 2017, 49, 529-540.	1.2	12
80	Mapping the minimum domain of the fibronectin binding site on transglutaminase 2 (TG2) and its importance in mediating signaling, adhesion, and migration in TG2-expressing cells. <i>FASEB Journal</i> , 2019, 33, 2327-2342.	0.2	12
81	Profiling the Autoantibody Repertoire by Screening Phage-Displayed Human cDNA Libraries. <i>Methods in Molecular Biology</i> , 2009, 570, 353-369.	0.4	12
82	HUMAN TISSUE TRANSGLUTAMINASE ELISA: A POWERFUL MASS SCREENING DIAGNOSTIC ASSAY FOR COELIAC DISEASE. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 1999, 28, 568.	0.9	12
83	Analyzing the peripheral blood antibody repertoire of a celiac disease patient using phage antibody libraries. <i>Human Antibodies</i> , 2000, 9, 199-205.	0.6	11
84	RhoB is associated with the anti-angiogenic effects of celiac patient transglutaminase 2-targeted autoantibodies. <i>Journal of Molecular Medicine</i> , 2012, 90, 817-826.	1.7	11
85	Proteomic Studies of the Biofilm Matrix including Outer Membrane Vesicles of <i>Burkholderia multivorans</i> C1576, a Strain of Clinical Importance for Cystic Fibrosis. <i>Microorganisms</i> , 2020, 8, 1826.	1.6	11
86	Anti-Transglutaminase Antibodies and Age. <i>Clinical Chemistry</i> , 2004, 50, 1856-1860.	1.5	10
87	An Albumin-Derived Peptide Scaffold Capable of Binding and Catalysis. <i>PLoS ONE</i> , 2013, 8, e56469.	1.1	10
88	Phage Display Technology for Human Monoclonal Antibodies. <i>Methods in Molecular Biology</i> , 2019, 1904, 319-338.	0.4	10
89	Selection and Characterization of a Novel Agonistic Human Recombinant Anti-Trail-R2 Minibody with Antileukemic Activity. <i>International Journal of Immunopathology and Pharmacology</i> , 2009, 22, 73-83.	1.0	9
90	N-glycosylation of the mammalian dipeptidyl aminopeptidase-like protein 10 (DPP10) regulates trafficking and interaction with Kv4 channels. <i>International Journal of Biochemistry and Cell Biology</i> , 2012, 44, 876-885.	1.2	9

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91	Structural Basis for the Recognition in an Idiotype-Anti-Idiotype Antibody Complex Related to Celiac Disease. <i>PLoS ONE</i> , 2014, 9, e102839.	1.1	9
92	Celiac anti-type 2 transglutaminase antibodies induce differential effects in fibroblasts from celiac disease patients and from healthy subjects. <i>Amino Acids</i> , 2017, 49, 541-550.	1.2	8
93	InteractomeSeq: a web server for the identification and profiling of domains and epitopes from phage display and next generation sequencing data. <i>Nucleic Acids Research</i> , 2020, 48, W200-W207.	6.5	7
94	A novel quantitative ELISA as accurate and reproducible tool to detect epidermal transglutaminase antibodies in patients with Dermatitis Herpetiformis. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2021, 35, e78-e80.	1.3	7
95	Defining the <i>Helicobacter pylori</i> Disease-Specific Antigenic Repertoire. <i>Frontiers in Microbiology</i> , 2020, 11, 1551.	1.5	6
96	Selection and characterization of highly specific recombinant antibodies against West Nile Virus E protein. <i>Journal of Biotechnology</i> , 2020, 311, 35-43.	1.9	6
97	Novel Bispecific Antibody for Synovial-Specific Target Delivery of Anti-TNF Therapy in Rheumatoid Arthritis. <i>Frontiers in Immunology</i> , 2021, 12, 640070.	2.2	6
98	The Gut as Site of Production of Autoimmune Antibodies. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2004, 39, S730-S731.	0.9	5
99	Identification of novel proteins binding the AU-rich element of β -prothymosin mRNA through the selection of open reading frames (RIDome). <i>RNA Biology</i> , 2015, 12, 1289-1300.	1.5	5
100	Interactome-Seq: A Protocol for Domainome Library Construction, Validation and Selection by Phage Display and Next Generation Sequencing. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	5
101	Analyzing the peripheral blood antibody repertoire of a celiac disease patient using phage antibody libraries. <i>Human Antibodies</i> , 2000, 9, 199-205.	0.6	5
102	Antibodies in Proteomics. , 2004, 248, 519-546.		4
103	Autoantibodies as predictors of disease. <i>Lancet, The</i> , 2004, 364, 1403-1404.	6.3	4
104	An Air-well sparging minifermenter system for high-throughput protein production. <i>Microbial Cell Factories</i> , 2014, 13, 132.	1.9	4
105	Development of an enzyme-linked immunosorbent assay for <i>Bartonella henselae</i> infection detection. <i>Letters in Applied Microbiology</i> , 2014, 59, 253-262.	1.0	4
106	A Functional Idiotype/Anti-Idiotype Network Is Active in Genetically Gluten-Intolerant Individuals Negative for Both Celiac Disease-Related Intestinal Damage and Serum Autoantibodies. <i>Journal of Immunology</i> , 2019, 202, 1079-1087.	0.4	4
107	Management of coeliac disease patients after the confirmation of diagnosis in Central Europe. <i>European Journal of Gastroenterology and Hepatology</i> , 2021, Publish Ahead of Print, 27-32.	0.8	4
108	A method for rapid and high-yield production of the tick-borne encephalitis virus E and DIII recombinant proteins in <i>E. coli</i> with preservation of the antigenic properties. <i>Ticks and Tick-borne Diseases</i> , 2019, 10, 935-941.	1.1	3

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109	CREATION OF A MOUSE MODEL OF CELIAC DISEASE BY IN VIVO LONG TERM EXPRESSION OF DISEASE SPECIFIC ANTITRANSGLUTAMINASE ANTIBODY. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2005, 40, 626.	0.9	1
110	OP0023â€¦Targeted Polymeric Nanoparticles as Diagnostic and Therapeutic Tool for Rheumatoid Arthritis. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 61.2-61.	0.5	1
111	Using archaeal histones for precise DNA fragmentation. <i>Protein Engineering, Design and Selection</i> , 2007, 20, 267-271.	1.0	0
112	AB0122â€¦In Vivo Intraarticular Binding of A Biopolymeric Compound in the Course of Experimental Immune Complex Induced Arthritis, Evaluated as A Potential Tool for Targeting Inflamed Synovium. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, 844.2-844.	0.5	0
113	A8.18â€¦Tissue specific pro-drug for the next generation of anti-TNF therapy in rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, A88.2-A89.	0.5	0
114	FRIO030â€¦Anti-TNF-Î± Antibody Targeted To Inflamed Synovial Tissue for The Treatment of Rheumatoid Arthritis. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 436.2-437.	0.5	0
115	Recombinant Antibody Selections by Combining Phage and Yeast Display. <i>Methods in Molecular Biology</i> , 2019, 1904, 339-352.	0.4	0
116	RAPID AND SIMPLE DOT IMMUNOBINDING ASSAY TO DETECT ANTI HUMAN-TRANSGLUTAMINASE ANTIBODIES IN COELIAC DISEASE. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 1999, 28, 563.	0.9	0