Luis E Munoz

List of Publications by Year
in descending order

152 papers	10,649 citations	47 h-index	96 g-index
		47006	37204
159 all docs	159 docs citations	159 times ranked	17331 citing authors

#	Article	IF	Citations
1	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). European Journal of Immunology, 2019, 49, 1457-1973.	2.9	766
2	Aggregated neutrophil extracellular traps limit inflammation by degrading cytokines and chemokines. Nature Medicine, 2014, 20, 511-517.	30.7	734
3	The role of defective clearance of apoptotic cells in systemic autoimmunity. Nature Reviews Rheumatology, 2010, 6, 280-289.	8.0	533
4	Guidelines for the use of flow cytometry and cell sorting in immunological studies[*]. European Journal of Immunology, 2017, 47, 1584-1797.	2.9	505
5	Induction of inflammatory and immune responses by HMGB1â€“nucleosome complexes: implications for the pathogenesis of SLE. Journal of Experimental Medicine, 2008, 205, 3007-3018.	8.5	467
6	Vascular occlusion by neutrophil extracellular traps in COVID-19. EBioMedicine, 2020, 58, 102925.	6.1	369
7	To NET or not to NET:current opinions and state of the science regarding the formation of neutrophil extracellular traps. Cell Death and Differentiation, 2019, 26, 395-408.	11.2	295
8	Clearance deficiency and systemic lupus erythematosus (SLE). Journal of Autoimmunity, 2007, 28, 114-121.	6.5	260
9	Autophagy regulates TNFÎ±-mediated joint destruction in experimental arthritis. Annals of the Rheumatic Diseases, 2013, 72, 761-768.	0.9	249
10	Clearance Deficiency and Cell Death Pathways: A Model for the Pathogenesis of SLE. Frontiers in Immunology, 2016, 7, 35.	4.8	223
11	Cytotoxicity of crystals involves RIPK3-MLKL-mediated necroptosis. Nature Communications, 2016, 7, 10274.	12.8	220
12	Externalized decondensed neutrophil chromatin occludes pancreatic ducts and drives pancreatitis. Nature Communications, 2016, 7, 10973.	12.8	207
13	Guidelines for the use of flow cytometry and cell sorting in immunological studies (third edition). European Journal of Immunology, 2021, 51, 2708-3145.	2.9	198
14	Apoptosis in the pathogenesis of systemic lupus erythematosus. Lupus, 2008, 17, 371-375.	1.6	189
15	Patients with COVID-19: in the dark-NETs of neutrophils. Cell Death and Differentiation, 2021, 28, 3125-3139.	11.2	189
16	SLEâ€”a disease of clearance deficiency?. Rheumatology, 2005, 44, 1101-1107.	1.9	185
17	Sodium Overload and Water Influx Activate the NALP3 Inflammasome. Journal of Biological Chemistry, 2011, 286, 35-41.	3.4	162
18	Autoimmunity and chronic inflammation â€” Two clearance-related steps in the etiopathogenesis of SLE. Autoimmunity Reviews, 2010, 10, 38-42.	5.8	147

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19	Redox Modulation of HMGB1-Related Signaling. Antioxidants and Redox Signaling, 2014, 20, 1075-1085.	5.4	143
20	IgA subclasses have different effector functions associated with distinct glycosylation profiles. Nature Communications, 2020, 11, 120.	12.8	141
21	Clearance of Apoptotic Cells in Human SLE. , 2005, 9, 173-187.		129
22	Extracellular DNA traps in inflammation, injury and healing. Nature Reviews Nephrology, 2019, 15, 559-575.	9.6	129
23	Nanoparticles size-dependently initiate self-limiting NETosis-driven inflammation. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E5856-E5865.	7.1	128
24	Phospholipids: Key Players in Apoptosis and Immune Regulation. Molecules, 2009, 14, 4892-4914.	3.8	126
25	Experimental lupus is aggravated in mouse strains with impaired induction of neutrophil extracellular traps. JCI Insight, 2017, 2, .	5.0	115
26	Neutrophil Extracellular Traps Initiate Gallstone Formation. Immunity, 2019, 51, 443-450.e4.	14.3	115
27	MÃ©nage-Ã-Trois: The Ratio of Bicarbonate to CO2 and the pH Regulate the Capacity of Neutrophils to Form NETs. Frontiers in Immunology, 2016, 7, 583.	4.8	112
28	The TH1 phenotype of follicular helper T cells indicates an IFN-Î³â€“associated immune dysregulation in patients with CD21low common variable immunodeficiency. Journal of Allergy and Clinical Immunology, 2018, 141, 730-740.	2.9	109
29	Remnants of secondarily necrotic cells fuel inflammation in systemic lupus erythematosus. Arthritis and Rheumatism, 2009, 60, 1733-1742.	6.7	107
30	An outer membrane channel protein of Mycobacterium tuberculosis with exotoxin activity. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 6750-6755.	7.1	102
31	Working with â€œH2Sâ€• Facts and apparent artifacts. Nitric Oxide - Biology and Chemistry, 2014, 41, 85-96.	2.7	95
32	Osteocyte necrosis triggers osteoclast-mediated bone loss through macrophage-inducible C-type lectin. Journal of Clinical Investigation, 2020, 130, 4811-4830.	8.2	93
33	Bonding the foe â€“ NETting neutrophils immobilize the pro-inflammatory monosodium urate crystals. Frontiers in Immunology, 2012, 3, 376.	4.8	87
34	Cleaved N-terminal histone tails distinguish between NADPH oxidase (NOX)-dependent and NOX-independent pathways of neutrophil extracellular trap formation. Annals of the Rheumatic Diseases, 2018, 77, 1790-1798.	0.9	86
35	Macrophages Discriminate Glycosylation Patterns of Apoptotic Cell-derived Microparticles. Journal of Biological Chemistry, 2012, 287, 496-503.	3.4	85
36	Inefficient clearance of dying cells in patients with SLE: anti-dsDNA autoantibodies, MFG-E8, HMGB-1 and other players. Apoptosis: an International Journal on Programmed Cell Death, 2010, 15, 1098-1113.	4.9	82

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37	Clearance deficiencyâ€"A potential link between infections and autoimmunity. Autoimmunity Reviews, 2008, 8, 5-8.	5.8	81
38	Inefficient Clearance of Dying Cells and Autoreactivity. , 2006, 305, 161-176.		79
39	Sweet but dangerous â€“ the role of immunoglobulin G glycosylation in autoimmunity and inflammation. Lupus, 2016, 25, 934-942.	1.6	69
40	The Role of Annexin A5 in the Modulation of the Immune Response Against Dying and Dead Cells. Current Medicinal Chemistry, 2007, 14, 271-277.	2.4	67
41	Inflammatory clearance of apoptotic remnants in systemic lupus erythematosus (SLE). Autoimmunity Reviews, 2008, 8, 9-12.	5.8	66
42	The role of dead cell clearance in the etiology and pathogenesis of systemic lupus erythematosus: dendritic cells as potential targets. Expert Review of Clinical Immunology, 2014, 10, 1151-1164.	3.0	65
43	Altered glycosylation of complexed native IgG molecules is associated with disease activity of systemic lupus erythematosus. Lupus, 2015, 24, 569-581.	1.6	64
44	Milk fat globule-EGF factor 8 mediates the enhancement of apoptotic cell clearance by glucocorticoids. Cell Death and Differentiation, 2013, 20, 1230-1240.	11.2	59
45	Receptor-Mediated NETosis on Neutrophils. Frontiers in Immunology, 2021, 12, 775267.	4.8	59
46	Further description of early clinically silent lupus nephritis. Lupus, 2006, 15, 845-851.	1.6	57
47	Magnetic Drug Targeting Reduces the Chemotherapeutic Burden on Circulating Leukocytes. International Journal of Molecular Sciences, 2013, 14, 7341-7355.	4.1	57
48	Oxidative Burst-Dependent NETosis Is Implicated in the Resolution of Necrosis-Associated Sterile Inflammation. Frontiers in Immunology, 2016, 7, 557.	4.8	55
49	Inhibition of hedgehog signaling for the treatment of murine sclerodermatous chronic graft-versus-host disease. Blood, 2012, 120, 2909-2917.	1.4	53
50	Colourful death: Six-parameter classification of cell death by flow cytometryâ€"Dead cells tell tales. Autoimmunity, 2013, 46, 336-341.	2.6	53
51	Rare Loss-of-Function Mutation in SERPINA3 in Generalized Pustular Psoriasis. Journal of Investigative Dermatology, 2020, 140, 1451-1455.e13.	0.7	48
52	The influence on the immunomodulatory effects of dying and dead cells of Annexin V. Journal of Leukocyte Biology, 2007, 81, 6-14.	3.3	47
53	AnnexinA5 renders dead tumor cells immunogenicâ€"implications for multimodal cancer therapies. Journal of Immunotoxicology, 2009, 6, 209-216.	1.7	43
54	Frontline Science: Aggregated neutrophil extracellular traps prevent inflammation on the neutrophil-rich ocular surface. Journal of Leukocyte Biology, 2019, 105, 1087-1098.	3.3	43

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55	Neutrophil extracellular traps drive epithelialâ€“mesenchymal transition of human colon cancer. Journal of Pathology, 2022, 256, 455-467.	4.5	43
56	Scent of dying cells: The role of attraction signals in the clearance of apoptotic cells and its immunological consequences. Autoimmunity Reviews, 2010, 9, 425-430.	5.8	42
57	Predictive value of anti-dsDNA autoantibodies: Importance of the assay. Autoimmunity Reviews, 2008, 7, 594-597.	5.8	39
58	Autoantibodies against galectins are associated with antiphospholipid syndrome in patients with systemic lupus erythematosus. Glycobiology, 2013, 23, 12-22.	2.5	39
59	CRP/anti-CRP Antibodies Assembly on the Surfaces of Cell Remnants Switches Their Phagocytic Clearance Toward Inflammation. Frontiers in Immunology, 2011, 2, 70.	4.8	38
60	Surface codeâ€”biophysical signals for apoptotic cell clearance. Physical Biology, 2013, 10, 065007.	1.8	38
61	Aggregated NETs Sequester and Detoxify Extracellular Histones. Frontiers in Immunology, 2019, 10, 2176.	4.8	38
62	Aggregated neutrophil extracellular traps occlude Meibomian glands during ocular surface inflammation. Ocular Surface, 2021, 20, 1-12.	4.4	36
63	Loading of nuclear autoantigens prototypically recognized by systemic lupus erythematosus sera into late apoptotic vesicles requires intact microtubules and myosin light chain kinase activity. Clinical and Experimental Immunology, 2014, 179, 39-49.	2.6	35
64	Apoptosis induction and tumor cell repopulation: The yin and yang of radiotherapy. Radiation Oncology, 2011, 6, 176.	2.7	34
65	The Pathogenicity of Anti-Î²2GP1-IgG Autoantibodies Depends on Fc Glycosylation. Journal of Immunology Research, 2015, 2015, 1-12.	2.2	33
66	Connection between Periodontitis-Induced Low-Grade Endotoxemia and Systemic Diseases: Neutrophils as Protagonists and Targets. International Journal of Molecular Sciences, 2021, 22, 4647.	4.1	33
67	IgG opsonized nuclear remnants from dead cells cause systemic inflammation in SLE. Autoimmunity, 2010, 43, 232-235.	2.6	32
68	Navigation to the Graveyard-Induction of Various Pathways of Necrosis and Their Classification by Flow Cytometry. Methods in Molecular Biology, 2013, 1004, 3-15.	0.9	31
69	Missing in actionâ€”The meaning of cell death in tissue damage and inflammation. Immunological Reviews, 2017, 280, 26-40.	6.0	31
70	Apoptosis and autoimmunity: When apoptotic cells break their silence. Current Rheumatology Reports, 2006, 8, 245-247.	4.7	30
71	Microvesicles from cerebrospinal fluid of patients with Alzheimerâ€™s disease display reduced concentrations of tau and APP protein. Scientific Reports, 2019, 9, 7089.	3.3	30
72	Activation of liver X receptors inhibits experimental fibrosis by interfering with interleukin-6 release from macrophages. Annals of the Rheumatic Diseases, 2015, 74, 1317-1324.	0.9	28

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73	Blood-borne phagocytes internalize urate microaggregates and prevent intravascular NETosis by urate crystals. Scientific Reports, 2016, 6, 38229.	3.3	28
74	Neutrophil Extracellular Traps Open the Pandoraâ€™s Box in Severe Malaria. Frontiers in Immunology, 2017, 8, 874.	4.8	28
75	Removal of dying cells and systemic lupus erythematosus. Modern Rheumatology, 2005, 15, 383-390.	1.8	27
76	Modulation of the immune system by dying cells and the phosphatidylserine-ligand annexin A5. Autoimmunity, 2007, 40, 254-259.	2.6	27
77	Chemical Tools for Targeted Amplification of Reactive Oxygen Species in Neutrophils. Frontiers in Immunology, 2018, 9, 1827.	4.8	27
78	IgG autoantibodies bound to surfaces of necrotic cells and complement C4 comprise the phagocytosis promoting activity for necrotic cells of systemic lupus erythaematosus sera. Annals of the Rheumatic Diseases, 2008, 67, 1626-1632.	0.9	26
79	Role of guanylate binding protein-1 in vascular defects associated with chronic inflammatory diseases. Journal of Cellular and Molecular Medicine, 2011, 15, 1582-1592.	3.6	26
80	UVB-irradiated apoptotic cells induce accelerated growth of co-implanted viable tumor cells in immune competent mice. Autoimmunity, 2013, 46, 317-322.	2.6	26
81	Sialylation of anti-histone immunoglobulin G autoantibodies determines their capabilities to participate in the clearance of late apoptotic cells. Clinical and Experimental Immunology, 2016, 184, 110-117.	2.6	26
82	Altered glycan accessibility on native immunoglobulin G complexes in early rheumatoid arthritis and its changes during therapy. Clinical and Experimental Immunology, 2017, 189, 372-382.	2.6	26
83	Opsonization by anti-dsDNA antibodies of apoptotic cells in systemic lupus erythematosus. Autoimmunity, 2007, 40, 337-339.	2.6	25
84	The immune reaction against allogeneic necrotic cells is reduced in Annexin A5 knock out mice whose macrophages display an antiâ€inflammatory phenotype. Journal of Cellular and Molecular Medicine, 2009, 13, 1391-1399.	3.6	25
85	Treatment with DNases rescues hidden neutrophil elastase from aggregated NETs. Journal of Leukocyte Biology, 2019, 106, 1359-1366.	3.3	25
86	Cooperative binding of Annexin A5 to phosphatidylserine on apoptotic cell membranes. Physical Biology, 2013, 10, 065006.	1.8	24
87	Annexin A5 regulates surface Î±vÎ²5 integrin for retinal clearance phagocytosis. Journal of Cell Science, 2019, 132, .	2.0	24
88	Neutrophil Extracellular Traps Promote the Development and Growth of Human Salivary Stones. Cells, 2020, 9, 2139.	4.1	24
89	IgA2 Antibodies against SARS-CoV-2 Correlate with NET Formation and Fatal Outcome in Severely Diseased COVID-19 Patients. Cells, 2020, 9, 2676.	4.1	24
90	The uptake by blood-borne phagocytes of monosodium urate is dependent on heat-labile serum factor(s) and divalent cations. Autoimmunity, 2010, 43, 236-238.	2.6	23

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91	Neutrophil Extracellular Traps (NETs) in the Cerebrospinal Fluid Samples from Children and Adults with Central Nervous System Infections. Cells, 2020, 9, 43.	4.1	23
92	Activation of pregnane X receptor inhibits experimental dermal fibrosis. Annals of the Rheumatic Diseases, 2013, 72, 621-625.	0.9	22
93	A blast without power â€“ cell death induced by the tuberculosis-necrotizing toxin fails to elicit adequate immune responses. Cell Death and Differentiation, 2016, 23, 1016-1025.	11.2	22
94	Removal of dying cells and systemic lupus erythematosus. Modern Rheumatology, 2005, 15, 383-390.	1.8	21
95	Neutrophils Orchestrate the Periodontal Pocket. Frontiers in Immunology, 2021, 12, 788766.	4.8	21
96	The Progression of Cell Death Affects the Rejection of Allogeneic Tumors in Immune-Competent Mice Ã¢â‚¬â€œ Implications for Cancer Therapy. Frontiers in Immunology, 2014, 5, 560.	4.8	20
97	Autoimmune, rheumatic, chronic inflammatory diseases: Neutrophil extracellular traps on parade. Autoimmunity, 2018, 51, 281-287.	2.6	19
98	Tumor Immunotherapy: Lessons from Autoimmunity. Frontiers in Immunology, 2014, 5, 212.	4.8	18
99	Inosine Released from Dying or Dead Cells Stimulates Cell Proliferation via Adenosine Receptors. Frontiers in Immunology, 2017, 8, 504.	4.8	18
100	Programmable Hierarchical Construction of Mixed/Multilayered Polysaccharide Nanocapsules through Simultaneous/Sequential Nanoprecipitation Steps. Biomacromolecules, 2019, 20, 3915-3923.	5.4	18
101	Unconventional apoptosis of polymorphonuclear neutrophils (PMN): staurosporine delays exposure of phosphatidylserine and prevents phagocytosis by MÎ¦-2 macrophages of PMN. Clinical and Experimental Immunology, 2014, 179, 75-84.	2.6	16
102	Graphene Oxide Nanosheets for Localized Hyperthermiaâ€”Physicochemical Characterization, Biocompatibility, and Induction of Tumor Cell Death. Cells, 2020, 9, 776.	4.1	16
103	Photopheresis with UV-A light and 8-methoxypsoralen leads to cell death and to release of blebs with anti-inflammatory phenotype in activated and non-activated lymphocytes. Biochemical and Biophysical Research Communications, 2009, 386, 71-76.	2.1	15
104	MoMa from patients with systemic lupus erythematosus show altered adhesive activity. Autoimmunity, 2009, 42, 269-271.	2.6	15
105	Oligomannose-Rich Membranes of Dying Intestinal Epithelial Cells Promote Host Colonization by Adherent-Invasive E. coli. Frontiers in Microbiology, 2018, 9, 742.	3.5	15
106	NOX2 mediates quiescent handling of dead cell remnants in phagocytes. Redox Biology, 2019, 26, 101279.	9.0	15
107	Sodium and potassium urate crystals differ in their inflammatory potential. Autoimmunity, 2009, 42, 314-316.	2.6	14
108	Neutrophil Extracellular Trap-Driven Occlusive Diseases. Cells, 2021, 10, 2208.	4.1	14

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109	Hypoxia Promotes Neutrophil Survival After Acute Myocardial Infarction. Frontiers in Immunology, 2022, 13, 726153.	4.8	14
110	Towards a pro-resolving concept in systemic lupus erythematosus. Seminars in Immunopathology, 2019, 41, 681-697.	6.1	13
111	Updates on NET formation in health and disease. Seminars in Arthritis and Rheumatism, 2019, 49, S43-S48.	3.4	13
112	Graphene-Induced Hyperthermia (GIHT) Combined With Radiotherapy Fosters Immunogenic Cell Death. Frontiers in Oncology, 2021, 11, 664615.	2.8	13
113	A 17-kDa Fragment of Lactoferrin Associates With the Termination of Inflammation and Peptides Within Promote Resolution. Frontiers in Immunology, 2018, 9, 644.	4.8	12
114	Detection of low level cryoglobulins by flow cytometry. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2012, 81A, 883-887.	1.5	11
115	Active NET formation in Libmanâ€“Sacks endocarditis without antiphospholipid antibodies: A dramatic onset of systemic lupus erythematosus. Autoimmunity, 2018, 51, 310-318.	2.6	11
116	Autoantibodies Activating the Î²2-Adrenergic Receptor Characterize Patients With Primary and Secondary Glaucoma. Frontiers in Immunology, 2019, 10, 2112.	4.8	11
117	Signals, receptors, and cytokines involved in the immunomodulatory and anti-inflammatory properties of apoptotic cells. Signal Transduction, 2005, 5, 356-365.	0.4	10
118	Autoantibodies against galectin-2 peptides as biomarkers for the antiphospholipid syndrome. Lupus, 2012, 21, 781-783.	1.6	10
119	Patients with unstable angina pectoris show an increased frequency of the Fc gamma RIIa R131 allele. Autoimmunity, 2012, 45, 556-564.	2.6	10
120	Model systems for rapid and slow induction of apoptosis obtained by inducible expression of pro-apoptotic proteins. Autoimmunity, 2013, 46, 329-335.	2.6	10
121	Editorial: NETosis 2: The Excitement Continues. Frontiers in Immunology, 2017, 8, 1318.	4.8	9
122	Elevated Serum Lysophosphatidylcholine in Patients with Systemic Lupus Erythematosus Impairs Phagocytosis of Necrotic Cells In Vitro. Frontiers in Immunology, 2017, 8, 1876.	4.8	9
123	Autoantibodies Recognizing Secondary NEcrotic Cells Promote Neutrophilic Phagocytosis and Identify Patients With Systemic Lupus Erythematosus. Frontiers in Immunology, 2018, 9, 989.	4.8	9
124	Treatment with DNAse I fosters binding to nec PBMC of CRP. Autoimmunity, 2009, 42, 286-288.	2.6	8
125	When autologous chromatin becomes a foe. Autoimmunity, 2012, 45, 565-567.	2.6	8
126	Apoptotic Cell Clearance and Its Role in the Origin and Resolution of Chronic Inflammation. Frontiers in Immunology, 2015, 6, 139.	4.8	8

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127	The effects of Kv1.3 and IKCa1 channel inhibition on cytokine production and calcium influx of T lymphocytes in rheumatoid arthritis and ankylosing spondylitis. Immunologic Research, 2016, 64, 627-631.	2.9	8
128	Agonistic autoantibodies against ÃŸ2-adrenergic receptor influence retinal microcirculation in glaucoma suspects and patients. PLoS ONE, 2021, 16, e0249202.	2.5	8
129	Low Dose Radiation Therapy Induces Long-Lasting Reduction of Pain and Immune Modulations in the Peripheral Blood â€“ Interim Analysis of the IMMO-LDRT01 Trial. Frontiers in Immunology, 2021, 12, 740742.	4.8	8
130	Do low vitamin D levels cause problems of waste removal in patients with SLE?. Rheumatology, 2012, 51, 585-587.	1.9	7
131	Osteoclast Differentiation Is Impaired in a Subgroup of SLE Patients and Correlates Inversely with Mycophenolate Mofetil Treatment. International Journal of Molecular Sciences, 2015, 16, 18825-18835.	4.1	7
132	The low-throughput protein A adsorber: an immune modulatory device. Hypothesis for the mechanism of action in the treatment of rheumatoid arthritis. Modern Rheumatology, 2005, 15, 9-18.	1.8	6
133	Dying autologous cells as instructors of the immune system. Clinical and Experimental Immunology, 2015, 179, 1-4.	2.6	6
134	Cerebrospinal Fluid of Patients With Alzheimerâ€™s Disease Contains Increased Percentages of Synaptophysin-Bearing Microvesicles. Frontiers in Aging Neuroscience, 2021, 13, 682115.	3.4	6
135	Inhibitory and Agonistic Autoantibodies Directed Against the Î²2-Adrenergic Receptor in Pseudoexfoliation Syndrome and Glaucoma. Frontiers in Neuroscience, 2021, 15, 676579.	2.8	5
136	Antibody glycosylation as a potential biomarker for chronic inflammatory autoimmune diseases. AIMS Genetics, 2016, 03, 280-291.	1.9	5
137	Low amounts of bisecting glycans characterize cerebrospinal fluid-borne IgG. Journal of Neuroimmunology, 2018, 320, 19-24.	2.3	4
138	The low-throughput protein A adsorber: an immune modulatory device. Hypothesis for the mechanism of action in the treatment of rheumatoid arthritis. Modern Rheumatology, 2005, 15, 9-18.	1.8	4
139	1.58â€…rheumatoid factor binding is influenced by the N-Glycans of their IGG targets. Annals of the Rheumatic Diseases, 2014, 73, A25.1-A25.	0.9	3
140	Magnetic separation of apoptotic cells with lectinâ€conjugated microparticles. Materialwissenschaft Und Werkstofftechnik, 2016, 47, 189-192.	0.9	3
141	ROS is the boss. Free Radical Biology and Medicine, 2017, 108, S17.	2.9	2
142	Anti-C1q antibodies in patients with chronic idiopathic urticaria*1. Journal of Allergy and Clinical Immunology, 2004, 113, S257.	2.9	1
143	CRP discriminates primary from secondary necrosis. Annals of the Rheumatic Diseases, 2011, 70, A8-A8.	0.9	1
144	Immune complex formation after exposure of autoantigens on the surface of secondary necrotic cells (SNEC) promotes inflammation in SLE. Annals of the Rheumatic Diseases, 2012, 71, A73.1-A73.	0.9	1

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145	A9.7â€...Cholesterol crystals induce neutrophil extracellular traps formation. Annals of the Rheumatic Diseases, 2014, 73, A94.2-A94.	0.9	1
146	HMGB1 containing nucleosomes from apoptotic cells induce inflammation and immune activation via TLR2 - implications for the etiopathogenesis of systemic lupus erythematosus. Annals of the Rheumatic Diseases, 2010, 69, A1-A1.	0.9	0
147	MSU, the adjuvans of dying cells activates the NALP3 inflammasome by sodium overload. Annals of the Rheumatic Diseases, 2011, 70, A8-A9.	0.9	0
148	Secondarily necrotic cell-derived material (SNEC) causes systemic inflammation in sle by exposing autoantigens for immune complex formation. Annals of the Rheumatic Diseases, 2011, 70, A7-A8.	0.9	0
149	Formation of gouty tophi is initiated by extranuclear DNA. Annals of the Rheumatic Diseases, 2011, 70, A8-A8.	0.9	0
150	SP0174â€...ADVANCES IN THE DETECTION OF PATHOGENIC AUTOANTIBODIES IN SLE. , 2019, , .		0
151	Native Endogenous Fluorescence Imaging Detects Vascular Occlusions in Patients with COVID-19. SSRN Electronic Journal, 0, , .	0.4	0
152	Apoptosis in Autoimmunity. , 2010, , 545-560.		0