Francesca Fallarino

List of Publications by Year
in descending order

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174 papers	20,019 citations	16437 64 h-index	11047 137 g-index
180 all docs	180 docs citations	180 times ranked	19874 citing authors

#	Article	IF	Citations
1	Tryptophan Catabolites from Microbiota Engage Aryl Hydrocarbon Receptor and Balance Mucosal Reactivity via Interleukin-22. Immunity, 2013, 39, 372-385.	6.6	1,663
2	Modulation of tryptophan catabolism by regulatory T cells. Nature Immunology, 2003, 4, 1206-1212.	7.0	1,172
3	CTLA-4â€“Ig regulates tryptophan catabolism in vivo. Nature Immunology, 2002, 3, 1097-1101.	7.0	1,077
4	The Combined Effects of Tryptophan Starvation and Tryptophan Catabolites Down-Regulate T Cell Receptor Î¶-Chain and Induce a Regulatory Phenotype in Naive T Cells. Journal of Immunology, 2006, 176, 6752-6761.	0.4	943
5	T cell apoptosis by tryptophan catabolism. Cell Death and Differentiation, 2002, 9, 1069-1077.	5.0	860
6	Tryptophan metabolism as a common therapeutic target in cancer, neurodegeneration and beyond. Nature Reviews Drug Discovery, 2019, 18, 379-401.	21.5	805
7	BTLA is a lymphocyte inhibitory receptor with similarities to CTLA-4 and PD-1. Nature Immunology, 2003, 4, 670-679.	7.0	768
8	Tolerance, DCs and tryptophan: much ado about IDO. Trends in Immunology, 2003, 24, 242-248.	2.9	702
9	Indoleamine 2,3-dioxygenase is a signaling protein in long-term tolerance by dendritic cells. Nature Immunology, 2011, 12, 870-878.	7.0	577
10	Aryl hydrocarbon receptor control of a disease tolerance defence pathway. Nature, 2014, 511, 184-190.	13.7	574
11	Defective tryptophan catabolism underlies inflammation in mouse chronic granulomatous disease. Nature, 2008, 451, 211-215.	13.7	492
12	Gut CD103+ dendritic cells express indoleamine 2,3-dioxygenase which influences T regulatory/T effector cell balance and oral tolerance induction. Gut, 2010, 59, 595-604.	6.1	313
13	Reverse signaling through GITR ligand enables dexamethasone to activate IDO in allergy. Nature Medicine, 2007, 13, 579-586.	15.2	298
14	IDO Upregulates Regulatory T Cells via Tryptophan Catabolite and Suppresses Encephalitogenic T Cell Responses in Experimental Autoimmune Encephalomyelitis. Journal of Immunology, 2010, 185, 5953-5961.	0.4	291
15	CD28 induces immunostimulatory signals in dendritic cells via CD80 and CD86. Nature Immunology, 2004, 5, 1134-1142.	7.0	262
16	IL-22 defines a novel immune pathway of antifungal resistance. Mucosal Immunology, 2010, 3, 361-373.	2.7	247
17	A Relay Pathway between Arginine and Tryptophan Metabolism Confers Immunosuppressive Properties on Dendritic Cells. Immunity, 2017, 46, 233-244.	6.6	241
18	Functional expression of indoleamine 2,3-dioxygenase by murine CD8Î±+ dendritic cells. International Immunology, 2002, 14, 65-68.	1.8	233

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19	TLRs Govern Neutrophil Activity in Aspergillosis. Journal of Immunology, 2004, 173, 7406-7415.	0.4	222
20	IL-23 and IL-12 Have Overlapping, but Distinct, Effects on Murine Dendritic Cells. Journal of Immunology, 2002, 168, 5448-5454.	0.4	214
21	Murine Plasmacytoid Dendritic Cells Initiate the Immunosuppressive Pathway of Tryptophan Catabolism in Response to CD200 Receptor Engagement. Journal of Immunology, 2004, 173, 3748-3754.	0.4	203
22	A Defect in Tryptophan Catabolism Impairs Tolerance in Nonobese Diabetic Mice. Journal of Experimental Medicine, 2003, 198, 153-160.	4.2	193
23	Immunity and Tolerance to Aspergillus Involve Functionally Distinct Regulatory T Cells and Tryptophan Catabolism. Journal of Immunology, 2006, 176, 1712-1723.	0.4	187
24	SOCS3 drives proteasomal degradation of indoleamine 2,3-dioxygenase (IDO) and antagonizes IDO-dependent tolerogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 20828-20833.	3.3	187
25	Antigen-selective modulation of AAV immunogenicity with tolerogenic rapamycin nanoparticles enables successful vector re-administration. Nature Communications, 2018, 9, 4098.	5.8	184
26	Toward the identification of a tolerogenic signature in IDO-competent dendritic cells. Blood, 2006, 107, 2846-2854.	0.6	183
27	T Cell Apoptosis by Kynurenines. Advances in Experimental Medicine and Biology, 2003, 527, 183-190.	0.8	175
28	Thymosin Î±1 activates dendritic cell tryptophan catabolism and establishes a regulatory environment for balance of inflammation and tolerance. Blood, 2006, 108, 2265-2274.	0.6	172
29	IL-6 Inhibits the Tolerogenic Function of CD8Î±+ Dendritic Cells Expressing Indoleamine 2,3-Dioxygenase. Journal of Immunology, 2001, 167, 708-714.	0.4	168
30	Kynurenine Pathway Enzymes in Dendritic Cells Initiate Tolerogenesis in the Absence of Functional IDO. Journal of Immunology, 2006, 177, 130-137.	0.4	164
31	B7-1 Engagement of Cytotoxic T Lymphocyte Antigen 4 Inhibits T Cell Activation in the Absence of CD28. Journal of Experimental Medicine, 1998, 188, 205-210.	4.2	160
32	Indoleamine 2,3â€dioxygenase: From catalyst to signaling function. European Journal of Immunology, 2012, 42, 1932-1937.	1.6	160
33	Functional yet Balanced Reactivity to Candida albicans Requires TRIF, MyD88, and IDO-Dependent Inhibition of Rorc. Journal of Immunology, 2007, 179, 5999-6008.	0.4	159
34	Metabotropic glutamate receptor-4 modulates adaptive immunity and restrains neuroinflammation. Nature Medicine, 2010, 16, 897-902.	15.2	138
35	Nrf2 as regulator of innate immunity: A molecular Swiss army knife!. Biotechnology Advances, 2018, 36, 358-370.	6.0	137
36	CD40 Ligation Ablates the Tolerogenic Potential of Lymphoid Dendritic Cells. Journal of Immunology, 2001, 166, 277-283.	0.4	129

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37	A Crucial Role for Tryptophan Catabolism at the Host/Candida albicansInterface. Journal of Immunology, 2005, 174, 2910-2918.	0.4	129
38	CTLA-4â€“Ig Activates Forkhead Transcription Factors and Protects Dendritic Cells from Oxidative Stress in Nonobese Diabetic Mice. Journal of Experimental Medicine, 2004, 200, 1051-1062.	4.2	125
39	Cytokines in systemic juvenile idiopathic arthritis and haemophagocytic lymphohistiocytosis: tipping the balance between interleukin-18 and interferon-Î³. Rheumatology, 2015, 54, 1507-1517.	0.9	125
40	Balancing inflammation and tolerance in vivo through dendritic cells by the commensal Candida albicans. Mucosal Immunology, 2009, 2, 362-374.	2.7	122
41	TLR3 essentially promotes protective class Iâ€“restricted memory CD8+ T-cell responses to Aspergillus fumigatus in hematopoietic transplanted patients. Blood, 2012, 119, 967-977.	0.6	117
42	Positive Regulatory Role of IL-12 in Macrophages and Modulation by IFN-Î³. Journal of Immunology, 2001, 167, 221-227.	0.4	105
43	IL-17 and Therapeutic Kynurenines in Pathogenic Inflammation to Fungi. Journal of Immunology, 2008, 180, 5157-5162.	0.4	105
44	Indoleamine 2,3-dioxygenase in infection: the paradox of an evasive strategy that benefits the host. Microbes and Infection, 2009, 11, 133-141.	1.0	104
45	High doses of CpG oligodeoxynucleotides stimulate a tolerogenic TLR9â€“TRIF pathway. Nature Communications, 2013, 4, 1852.	5.8	102
46	IDO Mediates TLR9-Driven Protection from Experimental Autoimmune Diabetes. Journal of Immunology, 2009, 183, 6303-6312.	0.4	101
47	Functional Plasticity of Dendritic Cell Subsets as Mediated by CD40 Versus B7 Activation. Journal of Immunology, 2003, 171, 2581-2587.	0.4	100
48	IFN-Î³ Inhibits Presentation of a Tumor/Self Peptide by CD8Î±â^' Dendritic Cells Via Potentiation of the CD8Î±+ Subset. Journal of Immunology, 2000, 165, 1357-1363.	0.4	97
49	Tryptophan catabolism generates autoimmune-preventive regulatory T cells. Transplant Immunology, 2006, 17, 58-60.	0.6	97
50	Is Acetylsalicylic Acid a Safe and Potentially Useful Choice for Adult Patients with COVID-19 ?. Drugs, 2020, 80, 1383-1396.	4.9	93
51	Increased GILZ expression in transgenic mice up-regulates Th-2 lymphokines. Blood, 2006, 107, 1039-1047.	0.6	91
52	Thymosin Î±1 represents a potential potent single-molecule-based therapy for cystic fibrosis. Nature Medicine, 2017, 23, 590-600.	15.2	91
53	Cutting Edge: Silencing Suppressor of Cytokine Signaling 3 Expression in Dendritic Cells Turns CD28-Ig from Immune Adjuvant to Suppressant. Journal of Immunology, 2005, 174, 6582-6586.	0.4	88
54	Targeting indoleamine-2,3-dioxygenase in cancer: Scientific rationale and clinical evidence. , 2019, 196, 105-116.		88

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55	Th17/Treg Imbalance in Murine Cystic Fibrosis Is Linked to Indoleamine 2,3-Dioxygenase Deficiency but Corrected by Kynurenines. American Journal of Respiratory and Critical Care Medicine, 2013, 187, 609-620.	2.5	86
56	Therapy of experimental type 1 diabetes by isolated Sertoli cell xenografts alone. Journal of Experimental Medicine, 2009, 206, 2511-2526.	4.2	84
57	Spontaneous Rejection of Poorly Immunogenic P1.HTR Tumors by Stat6-Deficient Mice. Journal of Immunology, 2000, 165, 6024-6028.	0.4	82
58	Immunosuppression Via Tryptophan Catabolism: The Role of Kynurenine Pathway Enzymes. Transplantation, 2007, 84, S17-S20.	0.5	82
59	Azithromycin protects mice against ischemic stroke injury by promoting macrophage transition towards M2 phenotype. Experimental Neurology, 2016, 275, 116-125.	2.0	81
60	Th1 and Th2 Cell Clones to a Poorly Immunogenic Tumor Antigen Initiate CD8+ T Cell-Dependent Tumor Eradication In Vivo. Journal of Immunology, 2000, 165, 5495-5501.	0.4	77
61	Accumulation of an Endogenous Tryptophan-Derived Metabolite in Colorectal and Breast Cancers. PLoS ONE, 2015, 10, e0122046.	1.1	76
62	Ligand and cytokine dependence of the immunosuppressive pathway of tryptophan catabolism in plasmacytoid dendritic cells. International Immunology, 2005, 17, 1429-1438.	1.8	74
63	Indoleamine 2,3-Dioxygenase 1 (IDO1) Is Up-Regulated in Thyroid Carcinoma and Drives the Development of an Immunosuppressant Tumor Microenvironment. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E832-E840.	1.8	73
64	Blockade of T Cell Activation Using a Surface-Linked Single-Chain Antibody to CTLA-4 (CD152). Journal of Immunology, 2000, 164, 4433-4442.	0.4	69
65	Tryptophan Feeding of the IDO1-AhR Axis in HostÃ¢â‚¬â€œMicrobial Symbiosis. Frontiers in Immunology, 2014, 5, 640.	2.2	68
66	Intranasally delivered siRNA targeting PI3K/Akt/mTOR inflammatory pathways protects from aspergillosis. Mucosal Immunology, 2010, 3, 193-205.	2.7	64
67	Mechanisms of CTLA-4-Ig in Tolerance Induction. Current Pharmaceutical Design, 2006, 12, 149-160.	0.9	63
68	PCSK9 at the crossroad of cholesterol metabolism and immune function during infections. Journal of Cellular Physiology, 2017, 232, 2330-2338.	2.0	61
69	Topical Application of Soluble CD83 Induces IDO-Mediated Immune Modulation, Increases Foxp3+ T Cells, and Prolongs Allogeneic Corneal Graft Survival. Journal of Immunology, 2013, 191, 1965-1975.	0.4	60
70	Tryptophan Catabolism in IDO+ Plasmacytoid Dendritic Cells. Current Drug Metabolism, 2007, 8, 209-216.	0.7	59
71	Positive allosteric modulation of indoleamine 2,3-dioxygenase 1 restrains neuroinflammation. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 3848-3857.	3.3	58
72	Anti-ferroptotic mechanism of IL4i1-mediated amino acid metabolism. ELife, 2021, 10, .	2.8	58

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73	Improved efficacy of dendritic cell vaccines and successful immunization with tumor antigen peptide-pulsed peripheral blood mononuclear cells by coadministration of recombinant murine interleukin-12. , 1999, 80, 324-333.		57
74	Generation of T cell regulatory activity by plasmacytoid dendritic cells and tryptophan catabolism. Blood Cells, Molecules, and Diseases, 2008, 40, 101-105.	0.6	57
75	Toll-like receptor 9-mediated induction of the immunosuppressive pathway of tryptophan catabolism. European Journal of Immunology, 2006, 36, 8-11.	1.6	53
76	ILâ€35, a hallmark of immuneâ€regulation in cancer progression, chronic infections and inflammatory diseases. International Journal of Cancer, 2018, 143, 2105-2115.	2.3	53
77	Distinct roles of immunoreceptor tyrosineâ€based motifs in immunosuppressive indoleamine 2,3â€dioxygenase 1. Journal of Cellular and Molecular Medicine, 2017, 21, 165-176.	1.6	51
78	Deficiency of immunoregulatory indoleamine 2,3-dioxygenase 1in juvenile diabetes. JCI Insight, 2018, 3, .	2.3	51
79	Absence of CTLA-4 Lowers the Activation Threshold of Primed CD8+ TCR-Transgenic T Cells: Lack of Correlation with Src Homology Domain 2-Containing Protein Tyrosine Phosphatase. Journal of Immunology, 2001, 166, 3900-3907.	0.4	50
80	Using an Ancient Tool for Igniting and Propagating Immune Tolerance: IDO as an Inducer and Amplifier of Regulatory T Cell Functions. Current Medicinal Chemistry, 2011, 18, 2215-2221.	1.2	50
81	Cinnabarinic acid, an endogenous agonist of type-4 metabotropic glutamate receptor, suppresses experimental autoimmune encephalomyelitis in mice. Neuropharmacology, 2014, 81, 237-243.	2.0	48
82	Forced IDO 1 expression in dendritic cells restores immunoregulatory signalling in autoimmune diabetes. Journal of Cellular and Molecular Medicine, 2014, 18, 2082-2091.	1.6	47
83	Engagement of Nuclear Coactivator 7 by 3-Hydroxyanthranilic Acid Enhances Activation of Aryl Hydrocarbon Receptor in Immunoregulatory Dendritic Cells. Frontiers in Immunology, 2019, 10, 1973.	2.2	47
84	Epitope spreading upon P815 tumor rejection triggered by vaccination with the single class I MHC-restricted peptide P1A. International Immunology, 2001, 13, 625-632.	1.8	46
85	Stem cells from human amniotic fluid exert immunoregulatory function via secreted indoleamine 2,3â€dioxygenase1. Journal of Cellular and Molecular Medicine, 2015, 19, 1593-1605.	1.6	45
86	Ligand Binding and Functional Selectivity of <scp>l</scp>-Tryptophan Metabolites at the Mouse Aryl Hydrocarbon Receptor (mAhR). Journal of Chemical Information and Modeling, 2014, 54, 3373-3383.	2.5	42
87	Indoleamine 2,3-dioxygenase 1 activation in mature cDC1 promotes tolerogenic education of inflammatory cDC2 via metabolic communication. Immunity, 2022, 55, 1032-1050.e14.	6.6	41
88	Jack of all trades: thymosin Î±1 and its pleiotropy. Annals of the New York Academy of Sciences, 2012, 1269, 1-6.	1.8	40
89	IDO1 suppresses inhibitor development in hemophilia A treated with factor VIII. Journal of Clinical Investigation, 2015, 125, 3766-3781.	3.9	39
90	Enhanced tryptophan catabolism in the absence of the molecular adapter DAP12. European Journal of Immunology, 2005, 35, 3111-3118.	1.6	38

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91	Innovative extraction procedure for obtaining high pure lycopene from tomato. European Food Research and Technology, 2008, 226, 327-335.	1.6	38
92	Thymosin Î±1: the regulator of regulators?. Annals of the New York Academy of Sciences, 2010, 1194, 1-5.	1.8	37
93	AhR-Mediated, Non-Genomic Modulation of IDO1 Function. Frontiers in Immunology, 2014, 5, 497.	2.2	37
94	Targeting Aryl hydrocarbon receptor for next-generation immunotherapies: Selective modulators (SAhRMs) versus rapidly metabolized ligands (RMAhRLs). European Journal of Medicinal Chemistry, 2020, 185, 111842.	2.6	35
95	Targeting metabotropic glutamate receptors for the treatment of neuroinflammation. Current Opinion in Pharmacology, 2018, 38, 16-23.	1.7	33
96	Antigen-specific regression of established tumors induced by active immunization with irradiated IL-12-but not B7-1-transfected tumor cells. International Immunology, 1997, 9, 1259-1269.	1.8	31
97	CD8+ cell activation to a major mastocytoma rejection antigen, P815AB: requirement for tumâ˜ or helper peptides in priming for skin test reactivity to a P815AB-related peptide. European Journal of Immunology, 1995, 25, 2797-2802.	1.6	30
98	LPS-conditioned dendritic cells confer endotoxin tolerance contingent on tryptophan catabolism. Immunobiology, 2015, 220, 315-321.	0.8	30
99	3-hydroxy-L-kynurenamine is an immunomodulatory biogenic amine. Nature Communications, 2021, 12, 4447.	5.8	30
100	Effects of a nutraceutical combination on lipids, inflammation and endothelial integrity in patients with subclinical inflammation: a randomized clinical trial. Scientific Reports, 2016, 6, 23587.	1.6	29
101	Allosteric modulation of metabotropic glutamate receptor 4 activates IDO1-dependent, immunoregulatory signaling in dendritic cells. Neuropharmacology, 2016, 102, 59-71.	2.0	29
102	The Landscape of AhR Regulators and Coregulators to Fine-Tune AhR Functions. International Journal of Molecular Sciences, 2021, 22, 757.	1.8	29
103	The Proteasome Inhibitor Bortezomib Controls Indoleamine 2,3-Dioxygenase 1 Breakdown and Restores Immune Regulation in Autoimmune Diabetes. Frontiers in Immunology, 2017, 8, 428.	2.2	28
104	NEDD4 controls the expression of GUCD1, a protein upregulated in proliferating liver cells. Cell Cycle, 2014, 13, 1902-1911.	1.3	27
105	Garcinoic Acid Is a Natural and Selective Agonist of Pregnane X Receptor. Journal of Medicinal Chemistry, 2020, 63, 3701-3712.	2.9	27
106	Prolongation of skin allograft survival in rats by the transplantation of microencapsulated xenogeneic neonatal porcine Sertoli cells. Biomaterials, 2012, 33, 5333-5340.	5.7	26
107	Longâ€term stability, functional competence, and safety of microencapsulated specific pathogenâ€free neonatal porcine Sertoli cells: a potential product for cell transplant therapy. Xenotransplantation, 2015, 22, 273-283.	1.6	26
108	Pharmacologic Induction of Endotoxin Tolerance in Dendritic Cells by L-Kynurenine. Frontiers in Immunology, 2020, 11, 292.	2.2	26

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109	Intraperitoneal injection of microencapsulated Sertoli cells restores muscle morphology and performance in dystrophic mice. Biomaterials, 2016, 75, 313-326.	5.7	25
110	Tryptophan Metabolites at the Crossroad of Immune-Cell Interaction via the Aryl Hydrocarbon Receptor: Implications for Tumor Immunotherapy. International Journal of Molecular Sciences, 2021, 22, 4644.	1.8	25
111	CD40 ligation prevents onset of tolerogenic properties in human dendritic cells treated with CTLA-4-Ig. Microbes and Infection, 2005, 7, 1040-1048.	1.0	24
112	Class IA PI3Ks regulate subcellular and functional dynamics of IDO1. EMBO Reports, 2020, 21, e49756.	2.0	24
113	Proteasomal Degradation of Indoleamine 2,3-Dioxygenase in CD8⁺ Dendritic Cells is Mediated by Suppressor of Cytokine Signaling 3 (SOCS3). International Journal of Tryptophan Research, 2010, 3, IJTR.S3971.	1.0	23
114	HOPS/TMUB1 retains p53 in the cytoplasm and sustains p53â€dependent mitochondrial apoptosis. EMBO Reports, 2020, 21, e48073.	2.0	23
115	A GpC-Rich Oligonucleotide Acts on Plasmacytoid Dendritic Cells To Promote Immune Suppression. Journal of Immunology, 2012, 189, 2283-2289.	0.4	22
116	Distinct and complementary roles for Aspergillus fumigatusâ€specific Tr1 and Foxp3⁺ regulatory T cells in humans and mice. Immunology and Cell Biology, 2014, 92, 659-670.	1.0	22
117	CD40 Ligand and CTLA-4 Are Reciprocally Regulated in the Th1 Cell Proliferative Response Sustained by CD8+ Dendritic Cells. Journal of Immunology, 2002, 169, 1182-1188.	0.4	21
118	Indoleamine 2,3-dioxygenase (IDO) in inflammation and allergy toAspergillus. Medical Mycology, 2009, 47, S154-S161.	0.3	21
119	In vitro cadmium effects on ECM gene expression in human bronchial epithelial cells. Cytokine, 2015, 72, 9-16.	1.4	21
120	Aryl Hydrocarbon Receptorâ€"Dependent Pathways in Immune Regulation. American Journal of Transplantation, 2016, 16, 2270-2276.	2.6	20
121	Binding Mode and Structureâ€"Activity Relationships of ITE as an Aryl Hydrocarbon Receptor (AhR) Agonist. ChemMedChem, 2018, 13, 270-279.	1.6	20
122	Receptors and Pathways in Innate Antifungal Immunity. Advances in Experimental Medicine and Biology, 2007, 590, 209-221.	0.8	20
123	Tryptophan Catabolism in Nonobese Diabetic Mice. Advances in Experimental Medicine and Biology, 2003, 527, 47-54.	0.8	20
124	Immune-Reconstituted Influenza Virosome Containing CD40L Gene Enhances the Immunological and Protective Activity of a Carcinoembryonic Antigen Anticancer Vaccine. Journal of Immunology, 2005, 174, 7210-7216.	0.4	19
125	IDO1 Deficiency Does Not Affect Disease in Mouse Models of Systemic Juvenile Idiopathic Arthritis and Secondary Hemophagocytic Lymphohistiocytosis. PLoS ONE, 2016, 11, e0150075.	1.1	19
126	Targeting metabotropic glutamate receptors in neuroimmune communication. Neuropharmacology, 2012, 63, 501-506.	2.0	18

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127	Tollâ€like receptors as novel therapeutic targets for herpes simplex virus infection. Reviews in Medical Virology, 2019, 29, e2048.	3.9	18
128	Garcinoic acid prevents Î²-amyloid (AÎ²) deposition in the mouse brain. Journal of Biological Chemistry, 2020, 295, 11866-11876.	1.6	18
129	Novel mutations in the WFS1 gene are associated with Wolfram syndrome and systemic inflammation. Human Molecular Genetics, 2021, 30, 265-276.	1.4	18
130	Transplantation and the CD28/CTLA4/B7 pathway. Transplantation Proceedings, 2001, 33, 209-211.	0.3	17
131	Signal Transducer and Activator of Transcription 1 Plays a Pivotal Role in RET/PTC3 Oncogene-induced Expression of Indoleamine 2,3-Dioxygenase 1. Journal of Biological Chemistry, 2017, 292, 1785-1797.	1.6	17
132	Discovery of potent p38Î± MAPK inhibitors through a funnel like workflow combining in silico screening and inÂvitro validation. European Journal of Medicinal Chemistry, 2019, 182, 111624.	2.6	17
133	Editorial: Immunomodulatory Roles of Tryptophan Metabolites in Inflammation and Cancer. Frontiers in Immunology, 2020, 11, 1497.	2.2	17
134	Xenograft of Microencapsulated Sertoli Cells Reverses T1DM in NOD Mice by Inducing Neogenesis of Beta-Cells. Transplantation, 2010, 90, 1352-1357.	0.5	16
135	Xenograft of microencapsulated Sertoli cells restores glucose homeostasis in db/db mice with spontaneous diabetes mellitus. Xenotransplantation, 2016, 23, 429-439.	1.6	16
136	Prevalence of vitamin D deficiency and its prognostic impact on patients hospitalized with COVID-19. Nutrition, 2021, 91-92, 111408.	1.1	16
137	Aspergillus fumigatus tryptophan metabolic route differently affects host immunity. Cell Reports, 2021, 34, 108673.	2.9	16
138	AhR: Far more than an environmental sensor. Cell Cycle, 2014, 13, 2645-2646.	1.3	14
139	The Pyrazolobenzothiazine Core as a New Chemotype of p38 Alpha Mitogenâ€Activated Protein Kinase Inhibitors. Chemical Biology and Drug Design, 2015, 86, 531-545.	1.5	14
140	S1P promotes migration, differentiation and immune regulatory activity in amniotic-fluidâ€“derived stem cells. European Journal of Pharmacology, 2018, 833, 173-182.	1.7	14
141	Bioactive Long-Term Release from Biodegradable Microspheres Preserves Implanted ALG-PLO-ALG Microcapsules from In Vivo Response to Purified Alginate. Pharmaceutical Research, 2010, 27, 285-295.	1.7	13
142	Cytotoxic T lymphocyte antigen 4-immunoglobulin G is a potent adjuvant for experimental allergen immunotherapy. Clinical and Experimental Immunology, 2013, 172, 113-120.	1.1	13
143	HOPS/Tmub1 involvement in the NF-κB-mediated inflammatory response through the modulation of TRAF6. Cell Death and Disease, 2020, 11, 865.	2.7	13
144	The cellular prion protein beyond prion diseases. Swiss Medical Weekly, 2020, 150, w20222.	0.8	13

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145	Autologous Cell Therapy for Vascular Regeneration: The Role of Proangiogenic Cells. Current Medicinal Chemistry, 2018, 25, 4518-4534.	1.2	12
146	Delineating the Role of Toll-Like Receptors in the Neuro-inflammation Model EAE. Methods in Molecular Biology, 2016, 1390, 383-411.	0.4	12
147	Amniotic fluid stem cellâ€derived extracellular vesicles are independent metabolic units capable of modulating inflammasome activation in THPâ€1 cells. FASEB Journal, 2022, 36, e22218.	0.2	11
148	Interaction of 7-Alkoxycoumarins with the Aryl Hydrocarbon Receptor. Journal of Natural Products, 2017, 80, 1939-1943.	1.5	10
149	Experimental evidences on the role of silica nanoparticles surface morphology on the loading, release and activity of three proteins. Microporous and Mesoporous Materials, 2019, 287, 220-227.	2.2	9
150	<scp>IL</scp>â€35Igâ€“expressing dendritic cells induce tolerance via Arginase 1. Journal of Cellular and Molecular Medicine, 2019, 23, 3757-3761.	1.6	9
151	Effects of intraperitoneal injection of microencapsulated Sertoli cells on chronic and presymptomatic dystrophic mice. Data in Brief, 2015, 5, 1015-1021.	0.5	8
152	On-treatment C-reactive protein and HDL cholesterol levels in patients at intermediate cardiovascular risk: Impact on carotid intima-media thickness. Life Sciences, 2013, 93, 338-343.	2.0	7
153	Comparative proteomic analysis of two distinct stem-cell populations from human amniotic fluid. Molecular BioSystems, 2015, 11, 1622-1632.	2.9	7
154	CpG Type A Induction of an Early Protective Environment in Experimental Multiple Sclerosis. Mediators of Inflammation, 2017, 2017, 1-12.	1.4	7
155	Anakinra restores cellular proteostasis by coupling mitochondrial redox balance to autophagy. Journal of Clinical Investigation, 2022, 132, .	3.9	7
156	Opportunities and challenges in drug discovery targeting metabotropic glutamate receptor 4. Expert Opinion on Drug Discovery, 2018, 13, 411-423.	2.5	6
157	Systemic administration of sunflower oil exerts neuroprotection in a mouse model of transient focal cerebral ischaemia. Journal of Pharmacy and Pharmacology, 2022, 74, 1776-1783.	1.2	6
158	Melanoma presenting as circulating tumor cells associated with failed angiogenesis. Melanoma Research, 2008, 18, 289-294.	0.6	5
159	Liver gene therapy with inteinâ€mediated F8 trans â€splicing corrects mouse haemophilia A. EMBO Molecular Medicine, 2022, 14, e15199.	3.3	5
160	Liver-Directed Adeno-Associated Virusâ€“Mediated Gene Therapy for Mucopolysaccharidosis Type VI. , 2022, 1, .		5
161	Tolerance to FVIII: Role of the Immune Metabolic Enzymes Indoleamine 2,3 Dyoxigenase-1 and Heme Oxygenase-1. Frontiers in Immunology, 2020, 11, 620.	2.2	2
162	T cell fat catabolism: A novel target for kynurenine?. EBioMedicine, 2022, 75, 103779.	2.7	2

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163	TOLERANCE, DENDRITIC CELLS AND TRYPTOPHAN. Shock, 2004, 21, 58.	1.0	1
164	A NOVEL ROLE FOR THE KYNURENINE PATHWAY IN EXPERIMENTAL STEATOHEPATITIS. Digestive and Liver Disease, 2015, 47, e21.	0.4	1
165	Aryl Hydrocarbon Receptor: An Environmental Sensor in Control of Allergy Outcomes. Birkhauser Advances in Infectious Diseases, 2017, , 167-189.	0.3	1
166	38th International Winter-Workshop Clinical, Chemical and Biochemical Aspects of Pteridines and Related Topics Innsbruck, February 26th â€“ March 1st, 2019. Pteridines, 2019, 30, 74-102.	0.5	1
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