Dietmar Fuchs

List of Publications by Year in descending order

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1,112 papers	41,818 citations	2544 96 h-index	7160 153 g-index
1160 all docs	1160 docs citations	1160 times ranked	30326 citing authors

#	Article	IF	Citations
1	Immune response-associated production of neopterin. Release from macrophages primarily under control of interferon-gamma.. Journal of Experimental Medicine, 1984, 160, 310-316.	8.5	1,103
2	Neopterin as a Marker for Immune System Activation. Current Drug Metabolism, 2002, 3, 175-187.	1.2	634
3	Neopterin as a marker for activated cell-mediated immunity: Application in HIV infection. Trends in Immunology, 1988, 9, 150-155.	7.5	596
4	Prognostic value of indoleamine 2,3-dioxygenase expression in colorectal cancer: effect on tumor-infiltrating T cells.. Clinical Cancer Research, 2006, 12, 1144-1151.	7.0	564
5	Monitoring tryptophan metabolism in chronic immune activation. Clinica Chimica Acta, 2006, 364, 82-90.	1.1	489
6	Interferon-alphaâ€“induced changes in tryptophan metabolism. Biological Psychiatry, 2003, 54, 906-914.	1.3	449
7	Simultaneous Measurement of Serum Tryptophan and Kynurenine by HPLC,. Clinical Chemistry, 1997, 43, 2424-2426.	3.2	401
8	Plasma Concentration of the Neurofilament Light Protein (NFL) is a Biomarker of CNS Injury in HIV Infection: A Cross-Sectional Study. EBioMedicine, 2016, 3, 135-140.	6.1	360
9	Translational regulation via iron-responsive elements by the nitric oxide/NO-synthase pathway.. EMBO Journal, 1993, 12, 3651-3657.	7.8	359
10	Neopterin as Marker for Activation of Cellular Immunity: Immunologic Basis and Clinical Application. Advances in Clinical Chemistry, 1989, 27, 81-141.	3.7	315
11	Chronic Low-Grade Inflammation in Elderly Persons Is Associated with Altered Tryptophan and Tyrosine Metabolism: Role in Neuropsychiatric Symptoms. Biological Psychiatry, 2011, 70, 175-182.	1.3	312
12	Tetrahydrobiopterin-dependent formation of nitrite and nitrate in murine fibroblasts.. Journal of Experimental Medicine, 1990, 172, 1599-1607.	8.5	293
13	The Role of Neopterin as a Monitor of Cellular Immune Activation in Transplantation, Inflammatory, Infectious, and Malignant Diseases. Critical Reviews in Clinical Laboratory Sciences, 1992, 29, 307-344.	6.1	284
14	HIV inhibits CD4+ T-cell proliferation by inducing indoleamine 2,3-dioxygenase in plasmacytoid dendritic cells. Blood, 2007, 109, 3351-3359.	1.4	263
15	Antioxidants, inflammation and cardiovascular disease. World Journal of Cardiology, 2014, 6, 462.	1.5	262
16	Soluble receptors for tumour necrosis factor in clinical laboratory diagnosis. European Journal of Haematology, 1995, 54, 1-8.	2.2	257
17	HIVâ€1 Viral Escape in Cerebrospinal Fluid of Subjects on Suppressive Antiretroviral Treatment. Journal of Infectious Diseases, 2010, 202, 1819-1825.	4.0	255
18	Autoimmune psychosis: an international consensus on an approach to the diagnosis and management of psychosis of suspected autoimmune origin. Lancet Psychiatry,the, 2020, 7, 93-108.	7.4	252

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19	Importance of vpr for infection of rhesus monkeys with simian immunodeficiency virus. Journal of Virology, 1993, 67, 902-912.	3.4	252
20	Tryptophan degradation and immune activation in Alzheimer's disease. Journal of Neural Transmission, 2000, 107, 343-353.	2.8	250
21	Pteridine biosynthesis in human endothelial cells. Impact on nitric oxide-mediated formation of cyclic GMP.. Journal of Biological Chemistry, 1993, 268, 1842-1846.	3.4	237
22	Chronic Immune Stimulation Correlates with Reduced Phenylalanine Turnover. Current Drug Metabolism, 2008, 9, 622-627.	1.2	235
23	Neopterin production, tryptophan degradation, and mental depressionâ€"What is the link?. Brain, Behavior, and Immunity, 2002, 16, 590-595.	4.1	216
24	Cerebrospinal fluid HIV escape associated with progressive neurologic dysfunction in patients on antiretroviral therapy with well controlled plasma viral load. Aids, 2012, 26, 1765-1774.	2.2	212
25	Neopterin, Biochemistry and Clinical Use as a Marker for Cellular Immune Reactions. International Archives of Allergy and Immunology, 1993, 101, 1-6.	2.1	211
26	Plasma kynurenine levels are elevated in suicide attempters with major depressive disorder. Brain, Behavior, and Immunity, 2011, 25, 1272-1278.	4.1	211
27	Tetrahydrobiopterin biosynthetic activities in human macrophages, fibroblasts, THP-1, and T 24 cells. GTP-cyclohydrolase I is stimulated by interferon-gamma, and 6-pyruvoyl tetrahydropterin synthase and sepiapterin reductase are constitutively present.. Journal of Biological Chemistry, 1990, 265, 3189-3192.	3.4	211
28	Pteridine biosynthesis in human endothelial cells. Impact on nitric oxide-mediated formation of cyclic GMP. Journal of Biological Chemistry, 1993, 268, 1842-6.	3.4	206
29	Serum tryptophan decrease correlates with immune activation and impaired quality of life in colorectal cancer. British Journal of Cancer, 2002, 86, 1691-1696.	6.4	205
30	Determination of neopterin in serum and urine.. Clinical Chemistry, 1987, 33, 62-66.	3.2	203
31	Parallel induction of tetrahydrobiopterin biosynthesis and indoleamine 2,3-dioxygenase activity in human cells and cell lines by interferon-Î³. Biochemical Journal, 1989, 262, 861-866.	3.7	203
32	Linkage of cell-mediated immunity to iron metabolism. Trends in Immunology, 1995, 16, 495-500.	7.5	202
33	Cerebrospinal fluid analysis in affective and schizophrenic spectrum disorders: Identification of subgroups with immune responses and bloodâ€"CSF barrier dysfunction. Journal of Psychiatric Research, 2010, 44, 321-330.	3.1	198
34	Interferon-γ-Induced Conversion of Tryptophan: Immunologic and Neuropsychiatric Aspects. Current Medicinal Chemistry, 2003, 10, 1581-1591.	2.4	197
35	Potential role of immune system activation-associated production of neopterin derivatives in humans. Inflammation Research, 2003, 52, 313-321.	4.0	196
36	More Rapid Method for Simultaneous Measurement of Tryptophan and Kynurenine by HPLC. Clinical Chemistry, 2002, 48, 579-581.	3.2	186

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37	Cerebrospinal fluid neopterin: an informative biomarker of central nervous system immune activation in HIV-1 infection. AIDS Research and Therapy, 2010, 7, 15.	1.7	186
38	Probiotic Supplementation in Patients with Alzheimerâ€™s Dementia - An Explorative Intervention Study. Current Alzheimer Research, 2018, 15, 1106-1113.	1.4	181
39	Tetrahydrobiopterin biosynthetic activities in human macrophages, fibroblasts, THP-1, and T 24 cells. GTP-cyclohydrolase I is stimulated by interferon-gamma, and 6-pyruvoyl tetrahydropterin synthase and sepiapterin reductase are constitutively present. Journal of Biological Chemistry, 1990, 265, 3189-92.	3.4	175
40	Simultaneous measurement of serum tryptophan and kynurenine by HPLC. Clinical Chemistry, 1997, 43, 2424-6.	3.2	174
41	Characteristics of interferon induced tryptophan metabolism in human cells in vitro. Biochimica Et Biophysica Acta - Molecular Cell Research, 1989, 1012, 140-147.	4.1	173
42	Human macrophages degrade tryptophan upon induction by interferon-gamma. Life Sciences, 1987, 41, 273-280.	4.3	169
43	Decreased Serum Tryptophan Concentration Predicts Poor Prognosis in Malignant Melanoma Patients. Dermatology, 2007, 214, 8-14.	2.1	166
44	Immune Activation of the Central Nervous System Is Still Present after >4 Years of Effective Highly Active Antiretroviral Therapy. Journal of Infectious Diseases, 2007, 196, 1779-1783.	4.0	164
45	Interferon-Î³â€“triggered indoleamine 2,3-dioxygenase competence in human monocyte-derived dendritic cells induces regulatory activity in allogeneic T cells. Blood, 2009, 114, 3235-3243.	1.4	161
46	Increasing production of homocysteine and neopterin and degradation of tryptophan with older age. Clinical Biochemistry, 2004, 37, 684-687.	1.9	159
47	Immune activation and degradation of tryptophan in coronary heart disease. European Journal of Clinical Investigation, 2003, 33, 550-554.	3.4	156
48	Neopterin modulates toxicity mediated by reactive oxygen and chloride species. FEBS Letters, 1993, 321, 89-92.	2.8	154
49	CTLA-4 blockade decreases TGF-beta, IDO, and viral RNA expression in tissues of SIVmac251-infected macaques. Blood, 2006, 108, 3834-3842.	1.4	154
50	Immunohistochemical localization of interleukin-6 and its receptor in benign, premalignant and malignant prostate tissue. Journal of Pathology, 2000, 191, 239-244.	4.5	153
51	Obesityâ€related dysregulation of the Tryptophanâ€“Kynurenine metabolism: Role of age and parameters of the metabolic syndrome. Obesity, 2014, 22, 195-201.	3.0	145
52	Increased neopterin production and tryptophan degradation in advanced Parkinson's disease. Journal of Neural Transmission, 2002, 109, 181-189.	2.8	143
53	Cerebrospinal Fluid and Neuroimaging Biomarker Abnormalities Suggest Early Neurological Injury in a Subset of Individuals During Primary HIV Infection. Journal of Infectious Diseases, 2013, 207, 1703-1712.	4.0	142
54	Interleukin-6 stimulation of growth of prostate cancer in vitro and in vivo through activation of the androgen receptor. Endocrine-Related Cancer, 2009, 16, 155-169.	3.1	141

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55	Redox regulation of the immune response. Redox Report, 2013, 18, 88-94.	4.5	141
56	An enzyme in the kynurenine pathway that governs vulnerability to suicidal behavior by regulating excitotoxicity and neuroinflammation. Translational Psychiatry, 2016, 6, e865-e865.	4.8	141
57	Increased endogenous interferon-gamma and neopterin correlate with increased degradation of tryptophan in human immunodeficiency virus type 1 infection. Immunology Letters, 1991, 28, 207-211.	2.5	139
58	Neopterin, a prognostic marker in human malignancies. Cancer Letters, 2010, 287, 13-22.	7.2	138
59	Overexpression of indoleamine 2,3-dioxygenase in human inflammatory bowel disease. Clinical Immunology, 2004, 113, 47-55.	3.2	137
60	Decreased serum tryptophan in patients with HIV-1 infection correlates with increased serum neopterin and with neurologic/psychiatric symptoms. Journal of Acquired Immune Deficiency Syndromes, 1990, 3, 873-6.	1.0	137
61	Mood, food, and cognition. Current Opinion in Clinical Nutrition and Metabolic Care, 2016, 19, 55-61.	2.5	136
62	Inflammation, Adiponectin, Obesity and Cardiovascular Risk. Current Medicinal Chemistry, 2010, 17, 4511-4520.	2.4	135
63	Decreased plasma tryptophan in pregnancy. Obstetrics and Gynecology, 1996, 88, 47-50.	2.4	134
64	NEOPTERIN AS A NEW BIOCHEMICAL MARKER FOR DIAGNOSIS OF ALLOGRAFT REJECTION. Transplantation, 1983, 36, 650-653.	1.0	131
65	Modulation of neopterin formation and tryptophan degradation by Th1- and Th2-derived cytokines in human monocytic cells. Clinical and Experimental Immunology, 2001, 116, 435-440.	2.6	128
66	Biomarker Evidence of Axonal Injury in Neuroasymptomatic HIV-1 Patients. PLoS ONE, 2014, 9, e88591.	2.5	128
67	Immune activation and the anaemia associated with chronic inflammatory disorders. European Journal of Haematology, 1991, 46, 65-70.	2.2	126
68	Enhanced Tryptophan Degradation in Systemic Lupus Erythematosus. Immunobiology, 2000, 201, 621-630.	1.9	125
69	Central Nervous System Immune Activation Characterizes Primary Human Immunodeficiency Virus 1 Infection Even in Participants With Minimal Cerebrospinal Fluid Viral Burden. Journal of Infectious Diseases, 2011, 204, 753-760.	4.0	125
70	Low levels of HIV-1 RNA detected in the cerebrospinal fluid after up to 10 years of suppressive therapy are associated with local immune activation. Aids, 2014, 28, 2251-2258.	2.2	125
71	Crucial Role of Interferon-γ and Stimulated Macrophages in Cardiovascular Disease. Current Vascular Pharmacology, 2006, 4, 205-213.	1.7	121
72	Pteridines as a new marker to detect human T cells activated by allogeneic or modified self major histocompatibility complex (MHC) determinants. Journal of Immunology, 1983, 130, 1047-50.	0.8	121

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73	Increased concentrations of neopterin in carotid atherosclerosis. Atherosclerosis, 1994, 106, 263-271.	0.8	120
74	Malondialdehyde, carbonyl proteins and albumin-disulphide as useful oxidative markers in mild cognitive impairment and Alzheimer's disease. Free Radical Research, 2008, 42, 633-638.	3.3	120
75	CSF Biomarkers in Patients With COVID-19 and Neurologic Symptoms. Neurology, 2021, 96, e294-e300.	1.1	118
76	Urinary neopterin reflects clinical activity in patients with rheumatoid arthritis. Arthritis and Rheumatism, 1986, 29, 1063-1070.	6.7	116
77	Increased neopterin concentrations in patients with cancer: indicator of oxidative stress?. Anticancer Research, 1999, 19, 1721-8.	1.1	116
78	Immune Activation Driven by CTLA-4 Blockade Augments Viral Replication at Mucosal Sites in Simian Immunodeficiency Virus Infection. Journal of Immunology, 2008, 180, 5439-5447.	0.8	115
79	The Role of Neopterin in Atherogenesis and Cardiovascular Risk Assessment. Current Medicinal Chemistry, 2009, 16, 4644-4653.	2.4	115
80	Long-term effect of preventive therapy for tuberculosis in a cohort of HIV-infected Zambian adults. Aids, 2001, 15, 215-222.	2.2	112
81	Interferon gama induced Tryptophan Degradation Neuropsychiatric and Immunological Consequences. Current Drug Metabolism, 2000, 1, 193-204.	1.2	111
82	Iron modulates interferon-gamma effects in the human myelomonocytic cell line THP-1. Experimental Hematology, 1992, 20, 605-10.	0.4	105
83	Neopterin concentrations in cerebrospinal fluid and serum of individuals infected with HIV-1. Aids, 1989, 3, 285-288.	2.2	104
84	Tumour Necrosis Factor-Î± and Lipopolysaccharide Enhance Interferon-Induced Tryptophan Degradation and Pteridine Synthesis in Human Cells. Biological Chemistry Hoppe-Seyler, 1989, 370, 1063-1070.	1.4	103
85	Blunted erythropoietic response to anemia in multiply traumatized patients. Critical Care Medicine, 2001, 29, 743-747.	0.9	103
86	Immune changes and neurotransmitters: Possible interactions in depression?. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2014, 48, 268-276.	4.8	103
87	Tryptophan Metabolism and Related Pathways in Psychoneuroimmunology: The Impact of Nutrition and Lifestyle. Neuropsychobiology, 2020, 79, 89-99.	1.9	103
88	Accelerated in Vivo Growth of Prostate Tumors that Up-Regulate Interleukin-6 Is Associated with Reduced Retinoblastoma Protein Expression and Activation of the Mitogen-Activated Protein Kinase Pathway. American Journal of Pathology, 2003, 162, 655-663.	3.8	102
89	IL-22 and IDO1 Affect Immunity and Tolerance to Murine and Human Vaginal Candidiasis. PLoS Pathogens, 2013, 9, e1003486.	4.7	102
90	Disturbed Tryptophan Metabolism in Cardiovascular Disease. Current Medicinal Chemistry, 2014, 21, 1931-1937.	2.4	102

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91	Determination of neopterine in human urine by reversed-phase high-performance liquid chromatography. Biomedical Applications, 1982, 227, 61-70.	1.7	101
92	Neopterin as an index of immune response in patients with tuberculosis. Lung, 1984, 162, 337-346.	3.3	101
93	Neopterin Is an Independent Prognostic Variable in Females with Breast Cancer. Clinical Chemistry, 1999, 45, 1998-2004.	3.2	101
94	Tryptophan degradation increases with stage in patients with rheumatoid arthritis. Clinical Rheumatology, 2006, 25, 334-337.	2.2	101
95	Serum phenylalanine concentrations in patients with ovarian carcinoma correlate with concentrations of immune activation markers and of isoprostane-8. Cancer Letters, 2008, 272, 141-147.	7.2	101
96	Cerebrospinal Fluid Viral Load, Intrathecal Immunoactivation, and Cerebrospinal Fluid Monocytic Cell Count in HIV-1 Infection. Journal of Acquired Immune Deficiency Syndromes (1999), 1999, 21, 271.	2.1	100
97	Chronic Immune Activation Underlies Morbid Obesity: Is IDO A Key Player?. Current Drug Metabolism, 2007, 8, 289-295.	1.2	100
98	Prostate cancer cells (LNCaP) generated after long-term interleukin 6 (IL-6) treatment express IL-6 and acquire an IL-6 partially resistant phenotype. Clinical Cancer Research, 2001, 7, 2941-8.	7.0	100
99	Antiretroviral adherence issues among HIV-positive adolescents and young adults. Journal of Adolescent Health, 1999, 25, 316-319.	2.5	99
100	Phenotypic and functional markers for 1Î±,25-dihydroxyvitamin D3-modified regulatory dendritic cells. Clinical and Experimental Immunology, 2009, 157, 48-59.	2.6	98
101	Hyperhomocysteinemia in dementia. Journal of Neural Transmission, 2000, 107, 1469-1474.	2.8	97
102	Neopterin as a Predictor of Total and Cardiovascular Mortality in Individuals Undergoing Angiography in the Ludwigshafen Risk and Cardiovascular Health Study. Clinical Chemistry, 2009, 55, 1135-1146.	3.2	97
103	Simultaneous determination of neopterin and creatinine in serum with solid-phase extraction and on-line elution liquid chromatography.. Clinical Chemistry, 1987, 33, 2028-2033.	3.2	96
104	Endogenous release of interferon-gamma and diminished response of peripheral blood mononuclear cells to antigenic stimulation. Immunology Letters, 1989, 23, 103-108.	2.5	96
105	Persistent Intrathecal Immune Activation in HIV-1-Infected Individuals on Antiretroviral Therapy. Journal of Acquired Immune Deficiency Syndromes (1999), 2008, 47, 168-173.	2.1	96
106	vpr deletion mutant of simian immunodeficiency virus induces AIDS in rhesus monkeys. Journal of Virology, 1995, 69, 4807-4813.	3.4	96
107	Cerebrospinal Fluid (CSF) Neuronal Biomarkers across the Spectrum of HIV Infection: Hierarchy of Injury and Detection. PLoS ONE, 2014, 9, e116081.	2.5	95
108	Fructose- and Sorbitol-reduced Diet Improves Mood and Gastrointestinal Disturbances in Fructose Malabsorbers. Scandinavian Journal of Gastroenterology, 2000, 35, 1048-1052.	1.5	94

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109	Non-invasive monitoring of kidney allograft rejection through IDO metabolism evaluation. Kidney International, 2007, 71, 60-67.	5.2	94
110	Inflammation-Induced Tryptophan Breakdown is Related With Anemia, Fatigue, and Depression in Cancer. Frontiers in Immunology, 2020, 11, 249.	4.8	94
111	Rapid development of vaccine protection in macaques by live-attenuated simian immunodeficiency virus. Journal of General Virology, 1996, 77, 2969-2981.	2.9	93
112	Increased Intrathecal Immune Activation in Virally Suppressed HIV-1 Infected Patients with Neurocognitive Impairment. PLoS ONE, 2016, 11, e0157160.	2.5	93
113	Immune Activation and Decreased Tryptophan in Patients with HIV-1 Infection. Journal of Interferon Research, 1990, 10, 599-603.	1.2	92
114	Regulatory T-Cell Markers, Indoleamine 2,3-Dioxygenase, and Virus Levels in Spleen and Gut during Progressive Simian Immunodeficiency Virus Infection. Journal of Virology, 2007, 81, 11593-11603.	3.4	92
115	Association between immune activation, changes of iron metabolism and anaemia in patients with HIV infection. European Journal of Haematology, 1993, 50, 90-94.	2.2	91
116	Inverse association between serum concentrations of neopterin and antioxidants in patients with and without angiographic coronary artery disease. Atherosclerosis, 2009, 202, 543-549.	0.8	91
117	Translational regulation via iron-responsive elements by the nitric oxide/NO-synthase pathway. EMBO Journal, 1993, 12, 3651-7.	7.8	91
118	Neopterin as a predictive marker for disease progression in human immunodeficiency virus type 1 infection.. Clinical Chemistry, 1989, 35, 1746-1749.	3.2	90
119	Is Hyperhomocysteinemia due to the Oxidative Depletion of Folate rather than to Insufficient Dietary Intake?. Clinical Chemistry and Laboratory Medicine, 2001, 39, 691-4.	2.3	90
120	Induction of Indoleamine 2,3-Dioxygenase in Vascular Smooth Muscle Cells by Interferon-Î³ Contributes to Medial Immunoprivilege. Journal of Immunology, 2007, 179, 5246-5254.	0.8	90
121	The antiapoptotic effect of IL-6 autocrine loop in a cellular model of advanced prostate cancer is mediated by Mcl-1. Oncogene, 2007, 26, 2822-2832.	5.9	89
122	Randomised clinical trial: the effects of a multispecies probiotic vs. placebo on innate immune function, bacterial translocation and gut permeability in patients with cirrhosis. Alimentary Pharmacology and Therapeutics, 2016, 44, 926-935.	3.7	89
123	More rapid method for simultaneous measurement of tryptophan and kynurenine by HPLC. Clinical Chemistry, 2002, 48, 579-81.	3.2	89
124	Value of serum procalcitonin, neopterin, and C-reactive protein in differentiating bacterial from viral etiologies in patients presenting with lower respiratory tract infections. Diagnostic Microbiology and Infectious Disease, 2007, 59, 131-136.	1.8	87
125	Probiotic Supplements Beneficially Affect Tryptophanâ€“Kynurenine Metabolism and Reduce the Incidence of Upper Respiratory Tract Infections in Trained Athletes: A Randomized, Double-Blinded, Placebo-Controlled Trial. Nutrients, 2016, 8, 752.	4.1	87
126	Tryptophan Degradation in Patients Infected by Human Immunodeficiency Virus. Biological Chemistry Hoppe-Seyler, 1988, 369, 337-340.	1.4	86

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127	Effective Antiretroviral Therapy Reduces Degradation of Tryptophan in Patients with HIV-1 Infection. Clinical Immunology, 2002, 104, 242-247.	3.2	84
128	Serum phenylalanine in patients post trauma and with sepsis correlate to neopterin concentrations. Amino Acids, 2008, 35, 303-307.	2.7	84
129	Neopterin in HIV-1 infection. Molecular Immunology, 2005, 42, 183-194.	2.2	83
130	Antitumoral Activity of Interferon-γ Involved in Impaired Immune Function in Cancer Patients. Current Drug Metabolism, 2006, 7, 599-612.	1.2	83
131	Elevated fecal calprotectin in patients with Alzheimerâ€™s dementia indicates leaky gut. Journal of Neural Transmission, 2015, 122, 1319-1322.	2.8	82
132	Neopterin formation and tryptophan degradation by a human myelomonocytic cell line (THP-1) upon cytokine treatment. Cancer Research, 1990, 50, 2863-7.	0.9	82
133	POSTTRANSPLANT NEOPTERIN EXCRETION IN RENAL ALLOGRAFT RECIPIENTSâ€”A RELIABLE DIAGNOSTIC AID FOR ACUTE REJECTION AND A PREDICTIVE MARKER OF LONG-TERM GRAFT SURVIVAL. Transplantation, 1991, 52, 58-63.	1.0	81
134	Prenatal depression and anxiety in Toxoplasma gondiiâ€“positive women. American Journal of Obstetrics and Gynecology, 2011, 204, 433.e1-433.e7.	1.3	80
135	Increased blood phenylalanine to tyrosine ratio in HIV-1 infection and correction following effective antiretroviral therapy. Brain, Behavior, and Immunity, 2010, 24, 403-408.	4.1	79
136	Activated Immune System in Patients with Huntington's Disease. Clinical Chemistry and Laboratory Medicine, 1998, 36, 747-50.	2.3	78
137	Antioxidants may increase the probability of developing allergic diseases and asthma. Medical Hypotheses, 2005, 64, 973-977.	1.5	78
138	Tryptophan degradation in patients with gynecological cancer correlates with immune activation. Cancer Letters, 2005, 223, 323-329.	7.2	78
139	Bariatric Surgery Cannot Prevent Tryptophan Depletion Due to Chronic Immune Activation in Morbidly Obese Patients. Obesity Surgery, 2006, 16, 541-548.	2.1	78
140	In vitro testing for anti-inflammatory properties of compounds employing peripheral blood mononuclear cells freshly isolated from healthy donors. Inflammation Research, 2011, 60, 127-135.	4.0	78
141	Frailty in Older Adults Is Associated With Plasma Concentrations of Inflammatory Mediators but Not With Lymphocyte Subpopulations. Frontiers in Immunology, 2018, 9, 1056.	4.8	78
142	Monocyte-derived dendritic cells release neopterin. Journal of Leukocyte Biology, 2002, 72, 1148-53.	3.3	78
143	Antifungal properties of selective serotonin reuptake inhibitors against Aspergillus species in vitro. Journal of Antimicrobial Chemotherapy, 2001, 48, 775-779.	3.0	77
144	Food preservatives sodium sulfite and sorbic acid suppress mitogen-stimulated peripheral blood mononuclear cells. Food and Chemical Toxicology, 2006, 44, 2003-2007.	3.6	75

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145	Atorvastatin suppresses interferon-Î³ -induced neopterin formation and tryptophan degradation in human peripheral blood mononuclear cells and in monocytic cell lines. Clinical and Experimental Immunology, 2003, 131, 264-267.	2.6	74
146	Food preservatives sodium benzoate and propionic acid and colorant curcumin suppress Th1-type immune response in vitro. Food and Chemical Toxicology, 2010, 48, 1950-1956.	3.6	74
147	Assessment of Immunotoxicity Parameters in Individuals Occupationally Exposed to Lead. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2012, 75, 807-818.	2.3	73
148	The Immunopathogenesis of Alzheimerâ€™s Disease Is Related to the Composition of Gut Microbiota. Nutrients, 2021, 13, 361.	4.1	73
149	Cerebrospinal Fluid Neopterin Concentrations in Central Nervous System Infection. Journal of Infectious Diseases, 1993, 168, 1285-1288.	4.0	72
150	Ascitic interleukin-12 is an independent prognostic factor in ovarian cancer.. Journal of Clinical Oncology, 1998, 16, 1861-1868.	1.6	72
151	IDO and Regulatory T Cell Support Are Critical for Cytotoxic T Lymphocyte-Associated Ag-4 Ig-Mediated Long-Term Solid Organ Allograft Survival. Journal of Immunology, 2012, 188, 37-46.	0.8	72
152	Immune Activation and Inflammation in Patients with Cardiovascular Disease Are Associated with Higher Phenylalanine to Tyrosine Ratios: The Ludwigshafen Risk and Cardiovascular Health Study. Journal of Amino Acids, 2014, 2014, 1-6.	5.8	72
153	Induction of inducible nitric oxide synthase expression by neopterin in vascular smooth muscle cells. FEBS Letters, 1995, 377, 461-464.	2.8	71
154	Increase in Immune Activation, Vascular Endothelial Growth Factor and Erythropoietin after an Ultramarathon Run at Moderate Altitude. Immunobiology, 2000, 201, 611-620.	1.9	71
155	Rapid measurement of total plasma homocysteine by HPLC. Clinica Chimica Acta, 2003, 331, 19-23.	1.1	71
156	Factors influencing serum neopterin and ?2-microglobulin levels in a healthy diverse population. Journal of Clinical Immunology, 1994, 14, 368-374.	3.8	70
157	Serum soluble markers of immune activation and disease activity in systemic lupus erythematosus. Lupus, 1995, 4, 29-32.	1.6	70
158	Resveratrol suppresses interferon-Î³-induced biochemical pathways in human peripheral blood mononuclear cells in vitro. Immunology Letters, 2005, 100, 159-163.	2.5	70
159	Measurement of tryptophan, kynurenine and neopterin in women with and without postpartum blues. Journal of Affective Disorders, 2005, 86, 135-142.	4.1	70
160	Serum tryptophan, kynurenine, phenylalanine, tyrosine and neopterin concentrations in 100 healthy blood donors. Pteridines, 2015, 26, 31-36.	0.5	70
161	Mechanisms of Inflammation-Associated Depression: Immune Influences on Tryptophan and Phenylalanine Metabolisms. Current Topics in Behavioral Neurosciences, 2016, 31, 95-115.	1.7	70
162	Immunization with Tween-ether-treated SIV adsorbed onto aluminum hydroxide protects monkeys against experimental SIV infection. Virology, 1992, 186, 588-596.	2.4	69

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163	Tryptophan breakdown is increased in euthymic overweight individuals with bipolar disorder: a preliminary report. Bipolar Disorders, 2014, 16, 432-440.	1.9	69
164	Indoleamine 2,3 Dioxygenase (IDO) Expression and Activity in Relapsing- Remitting Multiple Sclerosis. PLoS ONE, 2015, 10, e0130715.	2.5	69
165	Effects of Exhaustive Aerobic Exercise on Tryptophan-Kynurenine Metabolism in Trained Athletes. PLoS ONE, 2016, 11, e0153617.	2.5	69
166	Association between insulin resistance, body mass and neopterin concentrations. Clinica Chimica Acta, 1999, 282, 115-123.	1.1	68
167	Quality of life and immune activation in patients with HIV-infection. Brain, Behavior, and Immunity, 2008, 22, 881-889.	4.1	68
168	Clinical significance of neopterin for prognosis and follow-up in ovarian cancer. Cancer Research, 1987, 47, 4977-81.	0.9	68
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