

# Richard Horuk

## List of Publications by Year in descending order

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110  
papers

12,675  
citations

38742

50  
h-index

38395

95  
g-index

114  
all docs

114  
docs citations

114  
times ranked

10382  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemokine Receptors. , 2021, , 444-450.		0
2	The Duffy Antigen Receptor for Chemokines. , 2020, , 125-144.		0
3	Chemokine Receptor CCR1. , 2018, , 1065-1074.		0
4	Chemokine Receptor CCR1. , 2016, , 1-9.		0
5	CCR1. , 2016, , 260-268.		0
6	The Duffy Antigen Receptor for Chemokines DARC/ACKR1. <i>Frontiers in Immunology</i> , 2015, 6, 279.	4.8	49
7	CXCR 3 antagonist VUF 10085 binds to an intrahelical site distinct from that of the broad spectrum antagonist TAK 6779. <i>British Journal of Pharmacology</i> , 2015, 172, 1822-1833.	5.4	13
8	Chemokine Receptors in Allergy, Inflammation, and Infectious Disease. <i>Topics in Medicinal Chemistry</i> , 2014, , 1-39.	0.8	0
9	International Union of Basic and Clinical Pharmacology. LXXXIX. Update on the Extended Family of Chemokine Receptors and Introducing a New Nomenclature for Atypical Chemokine Receptors. <i>Pharmacological Reviews</i> , 2014, 66, 1-79.	16.0	735
10	Recent progress in the development of antagonists to the chemokine receptors CCR3 and CCR4. <i>Expert Opinion on Drug Discovery</i> , 2014, 9, 467-483.	5.0	59
11	Cell-Autonomous Regulation of Neutrophil Migration by the D6 Chemokine Decoy Receptor. <i>Journal of Immunology</i> , 2013, 190, 6450-6456.	0.8	25
12	Small molecule chemokine mimetics suggest a molecular basis for the observation that CXCL10 and CXCL11 are allosteric ligands of CXCR3. <i>British Journal of Pharmacology</i> , 2012, 166, 912-923.	5.4	38
13	Chemokine Receptor Antagonists. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 9363-9392.	6.4	92
14	The Chemokine, CCL3, and Its Receptor, CCR1, Mediate Thoracic Radiation-Induced Pulmonary Fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2011, 45, 127-135.	2.9	47
15	4-Azetidinyl-1-heteroatom linked cyclohexane antagonists of CCR2: patent evaluation. <i>Expert Opinion on Therapeutic Patents</i> , 2011, 21, 1275-1280.	5.0	0
16	Why CCR2 and CCR5 Blockade Failed and Why CCR1 Blockade Might Still Be Effective in the Treatment of Rheumatoid Arthritis. <i>PLoS ONE</i> , 2011, 6, e21772.	2.5	72
17	Duffy antigen inhibitors: useful therapeutics for malaria?. <i>Trends in Parasitology</i> , 2010, 26, 329-333.	3.3	6
18	Small Molecule Antagonists of Chemokine Receptors - is Promiscuity a Virtue?. <i>Current Topics in Medicinal Chemistry</i> , 2010, 10, 1351-1358.	2.1	20

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19	Gene activation therapy: from the BLV model to HAM/TSP patients. <i>Frontiers in Bioscience - Elite</i> , 2009, 1, 205.	1.8	12
20	<i>In vitro</i> screening for chemokine antagonists. <i>Expert Opinion on Drug Discovery</i> , 2009, 4, 1017-1034.	5.0	3
21	Chemokine receptor antagonists: part 2. <i>Expert Opinion on Therapeutic Patents</i> , 2009, 19, 199-221.	5.0	91
22	Chemokine receptor antagonists: Part 1. <i>Expert Opinion on Therapeutic Patents</i> , 2009, 19, 39-58.	5.0	105
23	Elucidation of Binding Sites of Dual Antagonists in the Human Chemokine Receptors CCR2 and CCR5. <i>Molecular Pharmacology</i> , 2009, 75, 1325-1336.	2.3	52
24	Chapter 9 The Duffy Antigen Receptor for Chemokines. <i>Methods in Enzymology</i> , 2009, 461, 191-206.	1.0	10
25	Promiscuous drugs as therapeutics for chemokine receptors. <i>Expert Reviews in Molecular Medicine</i> , 2009, 11, e1.	3.9	38
26	Chemokine receptor antagonists: overcoming developmental hurdles. <i>Nature Reviews Drug Discovery</i> , 2009, 8, 23-33.	46.4	267
27	Expression, purification and <i>in vitro</i> functional reconstitution of the chemokine receptor CCR1. <i>Protein Expression and Purification</i> , 2009, 66, 73-81.	1.3	28
28	Chapter 13 Modeling Small Molecule "Compound Binding to G-Protein-Coupled Receptors. <i>Methods in Enzymology</i> , 2009, 460, 263-288.	1.0	22
29	CCR5 Deficiency Aggravates Crescentic Glomerulonephritis in Mice. <i>Journal of Immunology</i> , 2008, 181, 6546-6556.	0.8	55
30	Chemokine Receptor CCR1 Regulates Inflammatory Cell Infiltration after Renal Ischemia-Reperfusion Injury. <i>Journal of Immunology</i> , 2008, 181, 8670-8676.	0.8	79
31	Treatment with BX471, a CC chemokine receptor 1 antagonist, attenuates systemic inflammatory response during sepsis. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 292, G1173-G1180.	3.4	25
32	Treatment With BX471, a Nonpeptide CCR1 Antagonist, Protects Mice Against Acute Pancreatitis-Associated Lung Injury by Modulating Neutrophil Recruitment. <i>Pancreas</i> , 2007, 34, 233-241.	1.1	22
33	Leukocytes Induce Epithelial to Mesenchymal Transition after Unilateral Ureteral Obstruction in Neonatal Mice. <i>American Journal of Pathology</i> , 2007, 171, 861-871.	3.8	87
34	Chemokines. <i>Scientific World Journal, The</i> , 2007, 7, 224-232.	2.1	12
35	Pharmaceutical Targeting of Chemokine Receptors. , 2007, , 371-390.		1
36	CXCR4 Chemokine Receptor. , 2007, , 1-10.		0

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37	A CCR1 antagonist prevents the development of experimental autoimmune myocarditis in association with T cell inactivation. <i>Journal of Molecular and Cellular Cardiology</i> , 2006, 40, 853-861.	1.9	25
38	Chemokine Receptor Antagonists: From the Bench to the Clinic. , 2006, , 371-402.		5
39	Role of CCR1 and CCR5 in homing and growth of multiple myeloma and in the development of osteolytic lesions: a study in the 5TMM model. <i>Clinical and Experimental Metastasis</i> , 2006, 23, 291-300.	3.3	103
40	I want a new drug: G-protein-coupled receptors in drug development. <i>Drug Discovery Today</i> , 2006, 11, 481-493.	6.4	204
41	Predictions of CCR1 Chemokine Receptor Structure and BX 471 Antagonist Binding Followed by Experimental Validation. <i>Journal of Biological Chemistry</i> , 2006, 281, 27613-27620.	3.4	88
42	Identification and Characterization of a Potent, Selective Nonpeptide Agonist of the CC Chemokine Receptor CCR8. <i>Molecular Pharmacology</i> , 2006, 69, 309-316.	2.3	29
43	Controlling leukocyte trafficking in disease. , 2006, , 181-196.		1
44	MIP-1 $\alpha$ utilizes both CCR1 and CCR5 to induce osteoclast formation and increase adhesion of myeloma cells to marrow stromal cells. <i>Experimental Hematology</i> , 2005, 33, 272-278.	0.4	148
45	The clinical potential of chemokine receptor antagonists. , 2005, 107, 44-58.		107
46	BX471: A CCR1 Antagonist with Anti-Inflammatory Activity in Man. <i>Mini-Reviews in Medicinal Chemistry</i> , 2005, 5, 791-804.	2.4	36
47	Delayed Chemokine Receptor 1 Blockade Prolongs Survival in Collagen 4A3 $\alpha$ -Deficient Mice with Alport Disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2005, 16, 977-985.	6.1	94
48	CCR1 antagonists in clinical development. <i>Expert Opinion on Investigational Drugs</i> , 2005, 14, 785-796.	4.1	40
49	Chemokine Receptor CCR1 But Not CCR5 Mediates Leukocyte Recruitment and Subsequent Renal Fibrosis after Unilateral Ureteral Obstruction. <i>Journal of the American Society of Nephrology: JASN</i> , 2004, 15, 337-347.	6.1	124
50	Late Onset of Treatment with a Chemokine Receptor CCR1 Antagonist Prevents Progression of Lupus Nephritis in MRL-Fas(lpr) Mice. <i>Journal of the American Society of Nephrology: JASN</i> , 2004, 15, 1504-1513.	6.1	105
51	CCR1 blockade reduces interstitial inflammation and fibrosis in mice with glomerulosclerosis and nephrotic syndrome. <i>Kidney International</i> , 2004, 66, 2264-2278.	5.2	129
52	CCR1 is an early and specific marker of Alzheimer's disease. <i>Annals of Neurology</i> , 2003, 54, 638-646.	5.3	50
53	CC Chemokine Receptor 8 in the Central Nervous System Is Associated with Phagocytic Macrophages. <i>American Journal of Pathology</i> , 2003, 162, 427-438.	3.8	59
54	Development and evaluation of pharmacological agents targeting chemokine receptors. <i>Methods</i> , 2003, 29, 369-375.	3.8	41

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55	Structure Function Differences in Nonpeptide CCR1 Antagonists for Human and Mouse CCR1. <i>Journal of Immunology</i> , 2003, 170, 1910-1916.	0.8	29
56	Chemokines, chemokine receptors and small-molecule antagonists: recent developments. <i>Trends in Pharmacological Sciences</i> , 2002, 23, 459-467.	8.7	201
57	Chemokine/Chemokine Receptor Nomenclature. <i>Journal of Interferon and Cytokine Research</i> , 2002, 22, 1067-1068.	1.2	273
58	A chemokine receptor CCR-1 antagonist reduces renal fibrosis after unilateral ureter ligation. <i>Journal of Clinical Investigation</i> , 2002, 109, 251-259.	8.2	165
59	A chemokine receptor CCR-1 antagonist reduces renal fibrosis after unilateral ureter ligation. <i>Journal of Clinical Investigation</i> , 2002, 109, 251-259.	8.2	99
60	CCR1+/CCR5+ Mononuclear Phagocytes Accumulate in the Central Nervous System of Patients with Multiple Sclerosis. <i>American Journal of Pathology</i> , 2001, 159, 1701-1710.	3.8	238
61	Chemokine receptors. <i>Cytokine and Growth Factor Reviews</i> , 2001, 12, 313-335.	7.2	372
62	Specialized roles of the chemokine receptors CCR1 and CCR5 in the recruitment of monocytes and TH1-like/CD45RO+T cells. <i>Blood</i> , 2001, 97, 1144-1146.	1.4	228
63	CCR1-specific non-peptide antagonist: efficacy in a rabbit allograft rejection model. <i>Immunology Letters</i> , 2001, 76, 193-201.	2.5	80
64	A Non-peptide Functional Antagonist of the CCR1 Chemokine Receptor Is Effective in Rat Heart Transplant Rejection. <i>Journal of Biological Chemistry</i> , 2001, 276, 4199-4204.	3.4	121
65	Chemokine Receptor Antagonists. , 2000, 20, 155-168.		56
66	Species selectivity of a small molecule antagonist for the CCR1 chemokine receptor. <i>European Journal of Pharmacology</i> , 2000, 389, 41-49.	3.5	50
67	Expression and Coreceptor Function of APJ for Primate Immunodeficiency Viruses. <i>Virology</i> , 2000, 276, 435-444.	2.4	39
68	Identification and Characterization of a Potent, Selective, and Orally Active Antagonist of the CC Chemokine Receptor-1. <i>Journal of Biological Chemistry</i> , 2000, 275, 19000-19008.	3.4	177
69	CXCR4 on human endothelial cells can serve as both a mediator of biological responses and as a receptor for HIV-2. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2000, 1500, 227-240.	3.8	48
70	Chemokine and chemokine receptor expression in the central nervous system. <i>Journal of NeuroVirology</i> , 1999, 5, 13-26.	2.1	274
71	Chemokine receptors and HIV-1: the fusion of two major research fields. <i>Trends in Immunology</i> , 1999, 20, 89-94.	7.5	78
72	Discovery of Novel Non-Peptide CCR1 Receptor Antagonists. <i>Journal of Medicinal Chemistry</i> , 1999, 42, 4680-4694.	6.4	59

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73	Chemokines and Chemokine Receptors in the Brain. , 1999, , 295-312.		1
74	Chemokines beyond inflammation. Nature, 1998, 393, 524-525.	27.8	67
75	Neuronal apoptosis induced by HIV-1 gp120 and the chemokine SDF-1 $\alpha$ is mediated by the chemokine receptor CXCR4. Current Biology, 1998, 8, 595-598.	3.9	428
76	The CC Chemokine I-309 Inhibits CCR8-dependent Infection by Diverse HIV-1 Strains. Journal of Biological Chemistry, 1998, 273, 386-391.	3.4	159
77	Noncompetitive, Chemokine-mediated Inhibition of Basic Fibroblast Growth Factor-induced Endothelial Cell Proliferation. Journal of Biological Chemistry, 1998, 273, 7911-7919.	3.4	15
78	Identification and Characterization of Small Molecule Functional Antagonists of the CCR1 Chemokine Receptor. Journal of Biological Chemistry, 1998, 273, 15687-15692.	3.4	123
79	Genetic Subtype-Independent Inhibition of Human Immunodeficiency Virus Type 1 Replication by CC and CXC Chemokines. Journal of Virology, 1998, 72, 396-404.	3.4	128
80	An Orphan Seven-Transmembrane Domain Receptor Expressed Widely in the Brain Functions as a Coreceptor for Human Immunodeficiency Virus Type 1 and Simian Immunodeficiency Virus. Journal of Virology, 1998, 72, 7934-7940.	3.4	183
81	Regulation of Human Chemokine Receptors CXCR4. Journal of Biological Chemistry, 1997, 272, 28726-28731.	3.4	260
82	Expression, purification, and characterization of Escherichia coli-derived recombinant human melanoma growth stimulating activity. Methods in Enzymology, 1997, 287, 3-12.	1.0	3
83	Alanine scan mutagenesis of chemokines. Methods in Enzymology, 1997, 287, 59-69.	1.0	2
84	[3] Chemokine receptors in developing human brain. Methods in Enzymology, 1997, 288, 27-38.	1.0	17
85	[10] Iodination of chemokines for use in receptor binding analysis. Methods in Enzymology, 1997, 288, 134-148.	1.0	20
86	[20] Adenylate cyclase assays to measure chemokine receptor function. Methods in Enzymology, 1997, 288, 326-339.	1.0	2
87	Human Immunodeficiency Virus-1 Entry Into Purified Blood Dendritic Cells Through CC and CXC Chemokine Coreceptors. Blood, 1997, 90, 1379-1386.	1.4	119
88	CD4-independent association between HIV-1 gp120 and CXCR4: functional chemokine receptors are expressed in human neurons. Current Biology, 1997, 7, 112-121.	3.9	486
89	Possible mechanism for the generation of the HIV-1-resistant form of the CCR5 $\Delta$ 32 mutant chemokine receptor. Current Biology, 1997, 7, R529-R530.	3.9	3
90	Human Immunodeficiency Virus-1 Entry Into Purified Blood Dendritic Cells Through CC and CXC Chemokine Coreceptors. Blood, 1997, 90, 1379-1386.	1.4	8

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91	Homozygous Defect in HIV-1 Coreceptor Accounts for Resistance of Some Multiply-Exposed Individuals to HIV-1 Infection. <i>Cell</i> , 1996, 86, 367-377.	28.9	2,964
92	Chemokines: Molecular double agents. <i>Current Biology</i> , 1996, 6, 1581-1582.	3.9	21
93	The Promiscuous Chemokine Binding Profile of the Duffy Antigen/Receptor for Chemokines Is Primarily Localized to Sequences in the Amino-terminal Domain. <i>Journal of Biological Chemistry</i> , 1995, 270, 26239-26245.	3.4	86
94	Review Biologicals & Immunologicals; The Chemokine Receptor Family. <i>Expert Opinion on Therapeutic Patents</i> , 1995, 5, 1185-1200.	5.0	5
95	A Mutant of Melanoma Growth Stimulating Activity Does Not Activate Neutrophils but Blocks Erythrocyte Invasion by Malaria. <i>Journal of Biological Chemistry</i> , 1995, 270, 11472-11476.	3.4	53
96	The interleukin-8-receptor family: from chemokines to malaria. <i>Trends in Immunology</i> , 1994, 15, 169-174.	7.5	171
97	The Solution Structure of Melanoma Growth Stimulating Activity. <i>Journal of Molecular Biology</i> , 1994, 242, 252-270.	4.2	83
98	Molecular properties of the chemokine receptor family. <i>Trends in Pharmacological Sciences</i> , 1994, 15, 159-165.	8.7	156
99	The human erythrocyte inflammatory peptide (chemokine) receptor. Biochemical characterization, solubilization, and development of a binding assay for the soluble receptor. <i>Biochemistry</i> , 1993, 32, 5733-5738.	2.5	99
100	Molecular cloning, functional expression, and signaling characteristics of a C-C chemokine receptor. <i>Cell</i> , 1993, 72, 415-425.	28.9	798
101	The biology and biochemistry of the glucose transporter. <i>BBA - Biomembranes</i> , 1988, 947, 571-590.	8.0	77
102	Rapid and effective transfer of integral membrane proteins from isoelectric focusing gels to nitrocellulose membranes. <i>Analytical Biochemistry</i> , 1986, 157, 123-128.	2.4	19
103	Post binding events in insulin action. <i>Diabetes/metabolism Reviews</i> , 1985, 1, 59-97.	0.3	6
104	Post-binding events in insulin action. <i>Molecular and Cellular Endocrinology</i> , 1985, 42, 1-20.	3.2	12
105	Glucagon Receptors and Their Functions. , 1985, , 251-279.		0
106	Photoaffinity labeling of the glucagon receptor with a new glucagon analog. <i>FEBS Journal</i> , 1984, 141, 63-67.	0.2	7
107	An improved and simplified apparatus for protein extraction and concentration from gel slices, using moving boundary electrophoresis. <i>Electrophoresis</i> , 1983, 4, 335-337.	2.4	13
108	Partial purification and characterization of the glucagon receptor. <i>FEBS Letters</i> , 1983, 155, 213-217.	2.8	13

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109	Identification and characterization of the rat adipocyte glucose transporter by photoaffinity crosslinking. FEBS Letters, 1983, 164, 261-266.	2.8	23
110	Chemokine receptor CCR1. The AFCS-nature Molecule Pages, 0, , .	0.2	0