William M Pardridge

List of Publications by Year
in descending order

399 papers	32,698 citations	3151 92 h-index	5384 164 g-index
410 all docs	410 docs citations	410 times ranked	20682 citing authors

#	Article	IF	Citations
1	Blood-brain barrier delivery for lysosomal storage disorders with IgG-lysosomal enzyme fusion proteins. Advanced Drug Delivery Reviews, 2022, 184, 114234.	6.6	21
2	Kinetics of Bloodâ€“Brain Barrier Transport of Monoclonal Antibodies Targeting the Insulin Receptor and the Transferrin Receptor. Pharmaceuticals, 2022, 15, 3.	1.7	20
3	A Historical Review of Brain Drug Delivery. Pharmaceutics, 2022, 14, 1283.	2.0	65
4	Mathematical Models of Blood-Brain Barrier Transport of Monoclonal Antibodies Targeting the Transferrin Receptor and the Insulin Receptor. Pharmaceuticals, 2021, 14, 535.	1.7	24
5	Treatment of Alzheimerâ€™s Disease and Bloodâ€“Brain Barrier Drug Delivery. Pharmaceuticals, 2020, 13, 394.	1.7	92
6	Plasmid DNA gene therapy of the Niemann-Pick C1 mouse with transferrin receptor-targeted Trojan horse liposomes. Scientific Reports, 2020, 10, 13334.	1.6	22
7	Acute and Chronic Dosing of a High-Affinity Rat/Mouse Chimeric Transferrin Receptor Antibody in Mice. Pharmaceutics, 2020, 12, 852.	2.0	12
8	The Isolated Brain Microvessel: A Versatile Experimental Model of the Blood-Brain Barrier. Frontiers in Physiology, 2020, 11, 398.	1.3	31
9	Eliminating Fc N-Linked Glycosylation and Its Impact on Dosing Consideration for a Transferrin Receptor Antibody-Erythropoietin Fusion Protein in Mice. Molecular Pharmaceutics, 2020, 17, 2831-2839.	2.3	4
10	Lyoprotectant Optimization for the Freeze-Drying of Receptor-Targeted Trojan Horse Liposomes for Plasmid DNA Delivery. Molecular Pharmaceutics, 2020, 17, 2165-2174.	2.3	16
11	Brain Delivery of Nanomedicines: Trojan Horse Liposomes for Plasmid DNA Gene Therapy of the Brain. Frontiers in Medical Technology, 2020, 2, 602236.	1.3	20
12	Plasma Pharmacokinetics of High-Affinity Transferrin Receptor Antibody-Erythropoietin Fusion Protein is a Function of Effector Attenuation in Mice. Molecular Pharmaceutics, 2019, 16, 3534-3543.	2.3	17
13	Alzheimerâ€™s disease: future drug development and the blood-brain barrier. Expert Opinion on Investigational Drugs, 2019, 28, 569-572.	1.9	19
14	Platform technology for treatment of the brain in lysosomal disorders: Application to Tay-Sachs disease. Molecular Genetics and Metabolism, 2019, 126, S32.	0.5	0
15	Preclinical studies of a brain penetrating IgG Trojan horse-arylsulfatase fusion protein in the metachromatic leukodystrophy mouse. Molecular Genetics and Metabolism, 2019, 126, S77.	0.5	5
16	Platform technology for treatment of the brain in lysosomal diseases: Application to NCL1 Batten disease. Molecular Genetics and Metabolism, 2019, 126, S114-S115.	0.5	0
17	Platform technology for treatment of the brain in lysosomal disorders: Application to Niemann-Pick disease type A. Molecular Genetics and Metabolism, 2019, 126, S95-S96.	0.5	1
18	Hematologic safety of chronic brainâ€penetrating erythropoietin dosing in APP/PS1 mice. Alzheimer's and Dementia: Translational Research and Clinical Interventions, 2019, 5, 627-636.	1.8	13

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19	Bi-functional IgG-lysosomal enzyme fusion proteins for brain drug delivery. Scientific Reports, 2019, 9, 18632.	1.6	18
20	Blood-Brain Barrier and Delivery of Protein and Gene Therapeutics to Brain. Frontiers in Aging Neuroscience, 2019, 11, 373.	1.7	220
21	Plasma Pharmacokinetics of Valanafusp Alpha, a Human Insulin Receptor Antibody-Iduronidase Fusion Protein, in Patients with Mucopolysaccharidosis Type I. BioDrugs, 2018, 32, 169-176.	2.2	34
22	Safety and clinical efficacy of AGT-181, a brain penetrating human insulin receptor antibody-iduronidase fusion protein, in a 26-week study with pediatric patients with mucopolysaccharidosis type I. Molecular Genetics and Metabolism, 2018, 123, S54.	0.5	2
23	Reduction in Brain Heparan Sulfate with Systemic Administration of an IgG Trojan Horseâ€“Sulfamidase Fusion Protein in the Mucopolysaccharidosis Type IIIA Mouse. Molecular Pharmaceutics, 2018, 15, 602-608.	2.3	31
24	P3â€057: THERAPEUTIC EFFECTS OF A BRAIN PENETRATING BISPECIFIC ERYTHROPOIETINâ€TRANSFERRIN RECEPTOR ANTIBODY FUSION PROTEIN IN THE APP/PS1 MOUSE MODEL OF ALZHEIMER'S DISEASE. Alzheimer's and Dementia, 2018, 14, P1086.	0.4	1
25	Brain Penetrating Bifunctional Erythropoietinâ€“Transferrin Receptor Antibody Fusion Protein for Alzheimerâ€™s Disease. Molecular Pharmaceutics, 2018, 15, 4963-4973.	2.3	42
26	Blood-Brain Barrier Transport, Plasma Pharmacokinetics, and Neuropathology Following Chronic Treatment of the Rhesus Monkey with a Brain Penetrating Humanized Monoclonal Antibody Against the Human Transferrin Receptor. Molecular Pharmaceutics, 2018, 15, 5207-5216.	2.3	46
27	Platform technology for treatment of the brain in lysosomal disorders. Molecular Genetics and Metabolism, 2018, 123, S77.	0.5	0
28	Neurocognitive and somatic stabilization in pediatric patients with severe Mucopolysaccharidosis Type I after 52 weeks of intravenous brain-penetrating insulin receptor antibody-iduronidase fusion protein (valanafusp alpha): an open label phase 1-2 trial. Orphanet Journal of Rare Diseases, 2018, 13, 110.	1.2	104
29	Brain and Organ Uptake in the Rhesus Monkey in Vivo of Recombinant Iduronidase Compared to an Insulin Receptor Antibodyâ€“Iduronidase Fusion Protein. Molecular Pharmaceutics, 2017, 14, 1271-1277.	2.3	64
30	Bloodâ€“Brain Barrier Penetrating Biologic TNF-Î± Inhibitor for Alzheimerâ€™s Disease. Molecular Pharmaceutics, 2017, 14, 2340-2349.	2.3	75
31	Delivery of Biologics Across the Bloodâ€“Brain Barrier with Molecular Trojan Horse Technology. BioDrugs, 2017, 31, 503-519.	2.2	121
32	[O4â€“06â€“04]: PROTECTIVE EFFECTS OF A BRAINâ€PENETRATING BIOLOGIC TNFâ€ALPHA INHIBITOR IN A MOUSE MODEL OF ALZHEIMER's DISEASE. Alzheimer's and Dementia, 2017, 13, P1242.	0.4	0
33	CSF, blood-brain barrier, and brain drug delivery. Expert Opinion on Drug Delivery, 2016, 13, 963-975.	2.4	356
34	Re-engineering therapeutic antibodies for Alzheimerâ€™s disease as blood-brain barrier penetrating bi-specific antibodies. Expert Opinion on Biological Therapy, 2016, 16, 1455-1468.	1.4	49
35	Very High Plasma Concentrations of a Monoclonal Antibody against the Human Insulin Receptor Are Produced by Subcutaneous Injection in the Rhesus Monkey. Molecular Pharmaceutics, 2016, 13, 3241-3246.	2.3	16
36	Insulin Receptor Antibodyâ˜Î±-N-Acetylglucosaminidase Fusion Protein Penetrates the Primate Bloodâ€“Brain Barrier and Reduces Glycosoaminoglycans in Sanfilippo Type B Fibroblasts. Molecular Pharmaceutics, 2016, 13, 1385-1392.	2.3	38

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37	Non-invasive gene targeting to the fetal brain after intravenous administration and transplacental transfer of plasmid DNA using PEGylated immunoliposomes. Journal of Drug Targeting, 2016, 24, 58-67.	2.1	15
38	S1-01-01: Blood-brain barrier from physiology to therapeutics. , 2015, 11, P114-P114.		0
39	Bloodâ€“brain barrier endogenous transporters as therapeutic targets: a new model for small molecule CNS drug discovery. Expert Opinion on Therapeutic Targets, 2015, 19, 1059-1072.	1.5	108
40	Targeted delivery of protein and gene medicines through the bloodâ€“brain barrier. Clinical Pharmacology and Therapeutics, 2015, 97, 347-361.	2.3	98
41	Bloodâ€“brain barrier drug delivery of IgG fusion proteins with a transferrin receptor monoclonal antibody. Expert Opinion on Drug Delivery, 2015, 12, 207-222.	2.4	127
42	Bloodâ€“Brain Barrier Targeting of Therapeutic Lysosomal Enzymes. AAPS Advances in the Pharmaceutical Sciences Series, 2015, , 41-62.	0.2	0
43	Insulin receptor antibodyâ€iduronate 2â€sulfatase fusion protein: Pharmacokinetics, antiâ€drug antibody, and safety pharmacology in Rhesus monkeys. Biotechnology and Bioengineering, 2014, 111, 2317-2325.	1.7	88
44	Insulin Receptor Antibodyâ€“Sulfamidase Fusion Protein Penetrates the Primate Bloodâ€“Brain Barrier and Reduces Glycosoaminoglycans in Sanfilippo Type A Cells. Molecular Pharmaceutics, 2014, 11, 2928-2934.	2.3	58
45	IgG-Enzyme Fusion Protein: Pharmacokinetics and Anti-Drug Antibody Response in Rhesus Monkeys. Bioconjugate Chemistry, 2013, 24, 97-104.	1.8	30
46	Blood-Brain Barrier Molecular Trojan Horse Enables Imaging of Brain Uptake of Radioiodinated Recombinant Protein in the Rhesus Monkey. Bioconjugate Chemistry, 2013, 24, 1741-1749.	1.8	59
47	Combination stroke therapy in the mouse with bloodâ€“brain barrier penetrating IgGâ€“GDNF and IgGâ€“TNF decoy receptor fusion proteins. Brain Research, 2013, 1507, 91-96.	1.1	28
48	Pharmacokinetics and brain uptake in the rhesus monkey of a fusion protein of arylsulfatase a and a monoclonal antibody against the human insulin receptor. Biotechnology and Bioengineering, 2013, 110, 1456-1465.	1.7	59
49	Disaggregation of Amyloid Plaque in Brain of Alzheimerâ€™s Disease Transgenic Mice with Daily Subcutaneous Administration of a Tetravalent Bispecific Antibody That Targets the Transferrin Receptor and the Abeta Amyloid Peptide. Molecular Pharmaceutics, 2013, 10, 3507-3513.	2.3	49
50	Pharmacokinetics and Brain Uptake of an IgG-TNF Decoy Receptor Fusion Protein Following Intravenous, Intraperitoneal, and Subcutaneous Administration in Mice. Molecular Pharmaceutics, 2013, 10, 1425-1431.	2.3	39
51	Brain-Penetrating IgG-Iduronate 2-Sulfatase Fusion Protein for the Mouse. Drug Metabolism and Disposition, 2012, 40, 329-335.	1.7	40
52	Selective plasma pharmacokinetics and brain uptake in the mouse of enzyme fusion proteins derived from species-specific receptor-targeted antibodies. Journal of Drug Targeting, 2012, 20, 715-719.	2.1	25
53	Glycemic Control and Chronic Dosing of Rhesus Monkeys with a Fusion Protein of Iduronidase and a Monoclonal Antibody Against the Human Insulin Receptor. Drug Metabolism and Disposition, 2012, 40, 2021-2025.	1.7	46
54	Imaging Amyloid Plaque in Alzheimerâ€™s Disease Brain with a Biotinylated AÎ² Peptide Radiopharmaceutical Conjugated to an IgG-Avidin Fusion Protein. Bioconjugate Chemistry, 2012, 23, 1318-1321.	1.8	17

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55	Drug Transport across the Bloodâ€“Brain Barrier. Journal of Cerebral Blood Flow and Metabolism, 2012, 32, 1959-1972.	2.4	1,336
56	Reengineering Biopharmaceuticals for Targeted Delivery Across the Bloodâ€“Brain Barrier. Methods in Enzymology, 2012, 503, 269-292.	0.4	159
57	Brain Protection from Stroke with Intravenous TNFÎ± Decoy Receptor-Trojan Horse Fusion Protein. Journal of Cerebral Blood Flow and Metabolism, 2012, 32, 1933-1938.	2.4	88
58	Receptor-Mediated Abeta Amyloid Antibody Targeting to Alzheimerâ€™s Disease Mouse Brain. Molecular Pharmaceutics, 2011, 8, 280-285.	2.3	41
59	Delivery of a Peptide Radiopharmaceutical to Brain with an IgG-Avidin Fusion Protein. Bioconjugate Chemistry, 2011, 22, 1611-1618.	1.8	28
60	Reversal of Lysosomal Storage in Brain of Adult MPS-I Mice with Intravenous Trojan Horse-Iduronidase Fusion Protein. Molecular Pharmaceutics, 2011, 8, 1342-1350.	2.3	67
61	Drug transport in brain via the cerebrospinal fluid. Fluids and Barriers of the CNS, 2011, 8, 7.	2.4	231
62	Neuroprotection in stroke in the mouse with intravenous erythropoietinâ€“Trojan horse fusion protein. Brain Research, 2011, 1369, 203-207.	1.1	31
63	Brain penetrating IgG-erythropoietin fusion protein is neuroprotective following intravenous treatment in Parkinson's disease in the mouse. Brain Research, 2011, 1382, 315-320.	1.1	35
64	CHO cell expression, longâ€term stability, and primate pharmacokinetics and brain uptake of an IgGâ€“paroxonaseâ€1 fusion protein. Biotechnology and Bioengineering, 2011, 108, 186-196.	1.7	17
65	Expression in CHO cells and pharmacokinetics and brain uptake in the Rhesus monkey of an IgGâ€iduronateâ€2â€sulfatase fusion protein. Biotechnology and Bioengineering, 2011, 108, 1954-1964.	1.7	34
66	Neuroprotection with a Brain-Penetrating Biologic Tumor Necrosis Factor Inhibitor. Journal of Pharmacology and Experimental Therapeutics, 2011, 339, 618-623.	1.3	57
67	The Trojan Horse Liposome Technology for Nonviral Gene Transfer across the Blood-Brain Barrier. Journal of Drug Delivery, 2011, 2011, 1-12.	2.5	65
68	Chronic Dosing of Mice with a Transferrin Receptor Monoclonal Antibody-Glial-Derived Neurotrophic Factor Fusion Protein. Drug Metabolism and Disposition, 2011, 39, 1149-1154.	1.7	40
69	Brain-Penetrating Tumor Necrosis Factor Decoy Receptor in the Mouse. Drug Metabolism and Disposition, 2011, 39, 71-76.	1.7	36
70	Intravenous treatment of experimental Parkinson's disease in the mouse with an IgG-GDNF fusion protein that penetrates the bloodâ€“brain barrier. Brain Research, 2010, 1352, 208-213.	1.1	56
71	Neuroprotection in experimental stroke in the rat with an IgGâ€“erythropoietin fusion protein. Brain Research, 2010, 1360, 193-197.	1.1	19
72	IgGâ€single chain Fv fusion protein therapeutic for alzheimer's disease: Expression in CHO cells and pharmacokinetics and brain delivery in the rhesus monkey. Biotechnology and Bioengineering, 2010, 105, 627-635.	1.7	38

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73	Selective targeting of a TNFR decoy receptor pharmaceutical to the primate brain as a receptor-specific IgG fusion protein. Journal of Biotechnology, 2010, 146, 84-91.	1.9	88
74	Monoclonal Antibody-Glial-Derived Neurotrophic Factor Fusion Protein Penetrates the Blood-Brain Barrier in the Mouse. Drug Metabolism and Disposition, 2010, 38, 566-572.	1.7	41
75	Biologic TNFÎ±-inhibitors that cross the human blood-brain barrier. Bioengineered Bugs, 2010, 1, 233-236.	2.0	30
76	Genetic Engineering of a Bifunctional IgG Fusion Protein with Iduronate-2-Sulfatase. Bioconjugate Chemistry, 2010, 21, 151-156.	1.8	37
77	Biopharmaceutical drug targeting to the brain. Journal of Drug Targeting, 2010, 18, 157-167.	2.1	162
78	Pharmacokinetics and Brain Uptake of a Genetically Engineered Bifunctional Fusion Antibody Targeting the Mouse Transferrin Receptor. Molecular Pharmaceutics, 2010, 7, 237-244.	2.3	101
79	Re-Engineering Erythropoietin as an IgG Fusion Protein That Penetrates the Bloodâ^'Brain Barrier in the Mouse. Molecular Pharmaceutics, 2010, 7, 2148-2155.	2.3	35
80	Preparation of Trojan Horse Liposomes (THLs) for Gene Transfer across the Blood-Brain Barrier. Cold Spring Harbor Protocols, 2010, 2010, pdb.prot5407.	0.2	29
81	Genetic engineering of IgG-glucuronidase fusion proteins. Journal of Drug Targeting, 2010, 18, 205-211.	2.1	31
82	Drug Targeting of Erythropoietin Across the Primate Blood-Brain Barrier with an IgG Molecular Trojan Horse. Journal of Pharmacology and Experimental Therapeutics, 2010, 333, 961-969.	1.3	79
83	Comparison of Blood-Brain Barrier Transport of Glial-Derived Neurotrophic Factor (GDNF) and an IgG-GDNF Fusion Protein in the Rhesus Monkey. Drug Metabolism and Disposition, 2009, 37, 2299-2304.	1.7	60
84	BLOOD-BRAIN BARRIER TRANSPORT OF NUTRIENTS. Nutrition Reviews, 2009, 44, 15-25.	2.6	47
85	Engineering and expression of a chimeric transferrin receptor monoclonal antibody for bloodâ€"brain barrier delivery in the mouse. Biotechnology and Bioengineering, 2009, 102, 1251-1258.	1.7	130
86	Near Complete Rescue of Experimental Parkinsonâ€™s Disease with Intravenous, Non-viral GDNF Gene Therapy. Pharmaceutical Research, 2009, 26, 1059-1063.	1.7	64
87	Pharmacokinetics and Safety in Rhesus Monkeys of a Monoclonal Antibody-GDNF Fusion Protein for Targeted Blood-Brain Barrier Delivery. Pharmaceutical Research, 2009, 26, 2227-2236.	1.7	45
88	AGT-181: Expression in CHO cells and pharmacokinetics, safety, and plasma iduronidase enzyme activity in Rhesus monkeys. Journal of Biotechnology, 2009, 144, 135-141.	1.9	50
89	Tumor Necrosis Factor Receptor-IgG Fusion Protein for Targeted Drug Delivery across the Human Bloodâ^'Brain Barrier. Molecular Pharmaceutics, 2009, 6, 1536-1543.	2.3	26
90	Antibody-Mediated Targeting of siRNA via the Human Insulin Receptor Using Avidinâ^'Biotin Technology. Molecular Pharmaceutics, 2009, 6, 747-751.	2.3	61

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91	Alzheimer's disease drug development and the problem of the bloodâ€brain barrier. Alzheimer's and Dementia, 2009, 5, 427-432.	0.4	155
92	Blood-Brain Barrier Transport for RNAi. , 2009, , 255-273.		1
93	Lysosomal Enzyme Replacement of the Brain with Intravenous Non-Viral Gene Transfer. Pharmaceutical Research, 2008, 25, 400-406.	1.7	50
94	Intravenous glialâ€derived neurotrophic factor gene therapy of experimental Parkinson's disease with Trojan horse liposomes and a tyrosine hydroxylase promoter. Journal of Gene Medicine, 2008, 10, 306-315.	1.4	86
95	Genetic engineering of a lysosomal enzyme fusion protein for targeted delivery across the human bloodâ€brain barrier. Biotechnology and Bioengineering, 2008, 99, 475-484.	1.7	129
96	GDNF fusion protein for targetedâ€drug delivery across the human bloodâ€“brain barrier. Biotechnology and Bioengineering, 2008, 100, 387-396.	1.7	86
97	Bloodâ€”Brain Barrier Genomics and Cloning of a Novel Organic Anion Transporter. Journal of Cerebral Blood Flow and Metabolism, 2008, 28, 291-301.	2.4	38
98	Strategies to advance translational research into brain barriers. Lancet Neurology, The, 2008, 7, 84-96.	4.9	432
99	Re-Engineering Biopharmaceuticals for Delivery to Brain with Molecular Trojan Horses. Bioconjugate Chemistry, 2008, 19, 1327-1338.	1.8	160
100	Genetic Engineering, Expression, and Activity of a Chimeric Monoclonal Antibodyâ˜Avidin Fusion Protein for Receptor-Mediated Delivery of Biotinylated Drugs in Humans. Bioconjugate Chemistry, 2008, 19, 731-739.	1.8	38
101	IgG-Paraoxonase-1 Fusion Protein for Targeted Drug Delivery across the Human Bloodâ˜Brain Barrier. Molecular Pharmaceutics, 2008, 5, 1037-1043.	2.3	22
102	Blood-Brain Barrier Genomics. Stroke, 2007, 38, 686-690.	1.0	40
103	Drug Targeting to the Brain. Pharmaceutical Research, 2007, 24, 1733-1744.	1.7	421
104	Fusion Antibody for Alzheimer's Disease with Bidirectional Transport Across the Bloodâ˜Brain Barrier and Aβ2 Fibril Disaggregation. Bioconjugate Chemistry, 2007, 18, 447-455.	1.8	121
105	Humanization of anti-human insulin receptor antibody for drug targeting across the human bloodâ€“brain barrier. Biotechnology and Bioengineering, 2007, 96, 381-391.	1.7	192
106	Genetic engineering, expression, and activity of a fusion protein of a human neurotrophin and a molecular Trojan horse for delivery across the human bloodâ€“brain barrier. Biotechnology and Bioengineering, 2007, 97, 1376-1386.	1.7	80
107	Comparison of cDNA and genomic forms of tyrosine hydroxylase gene therapy of the brain with Trojan horse liposomes. Journal of Gene Medicine, 2007, 9, 605-612.	1.4	21
108	Bloodâ€“brain barrier delivery. Drug Discovery Today, 2007, 12, 54-61.	3.2	995

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109	Bloodâ€“brain barrier delivery of protein and non-viral gene therapeutics with molecular Trojan horses. Journal of Controlled Release, 2007, 122, 345-348.	4.8	78
110	shRNA and siRNA delivery to the brain. Advanced Drug Delivery Reviews, 2007, 59, 141-152.	6.6	170
111	Brain Drug Development and Brain Drug Targeting. Pharmaceutical Research, 2007, 24, 1729-1732.	1.7	50
112	Intravenous siRNA of Brain Cancer with Receptor Targeting and Avidinâ€“Biotin Technology. Pharmaceutical Research, 2007, 24, 2309-2316.	1.7	121
113	Imaging Gene Expression in the Brain with Peptide Nucleic Acid (PNA) Antisense Radiopharmaceuticals and Drug Targeting Technology. , 2006, , 38-60.		1
114	Molecular Trojan horses for bloodâ€“brain barrier drug delivery. Current Opinion in Pharmacology, 2006, 6, 494-500.	1.7	205
115	Decline in Exogenous Gene Expression in Primate Brain Following Intravenous Administration Is Due to Plasmid Degradation. Pharmaceutical Research, 2006, 23, 1586-1590.	1.7	22
116	Bloodâ€“brain barrier targeting of BDNF improves motor function in rats with middle cerebral artery occlusion. Brain Research, 2006, 1111, 227-229.	1.1	141
117	Molecular Trojan horses for blood-brain barrier drug delivery. Discovery Medicine, 2006, 6, 139-43.	0.5	43
118	Molecular Biology of the Bloodâ€“Brain Barrier. Molecular Biotechnology, 2005, 30, 057-070.	1.3	176
119	Delivery of Î²-Galactosidase to Mouse Brain via the Blood-Brain Barrier Transferrin Receptor. Journal of Pharmacology and Experimental Therapeutics, 2005, 313, 1075-1081.	1.3	105
120	Drug and gene targeting to the brain via bloodâ€“brain barrier receptor-mediated transport systems. International Congress Series, 2005, 1277, 49-62.	0.2	45
121	Site-directed mutagenesis of cysteine residues of large neutral amino acid transporter LAT1. Biochimica Et Biophysica Acta - Biomembranes, 2005, 1715, 104-110.	1.4	27
122	The blood-brain barrier and neurotherapeutics. NeuroRx, 2005, 2, 1-2.	6.0	89
123	Tyrosine hydroxylase replacement in experimental Parkinsonâ€™s disease with transvascular gene therapy. NeuroRx, 2005, 2, 129-138.	6.0	88
124	The blood-brain barrier: Bottleneck in brain drug development. NeuroRx, 2005, 2, 3-14.	6.0	2,129
125	The blood-brain barrier: Bottleneck in brain drug development. Neurotherapeutics, 2005, 2, 3-14.	2.1	15
126	Imaging gene expression in the brain with peptide nucleic acid (PNA) antisense radiopharmaceuticals and drug targeting technology. International Journal of Peptide Research and Therapeutics, 2005, 10, 169-190.	0.9	0

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127	Tyrosine hydroxylase replacement in experimental Parkinsonâ€™s disease with transvascular gene therapy. Neurotherapeutics, 2005, 2, 129-138.	2.1	0
128	Imaging Gene Expression in Regional Brain Ischemia in Vivo with a Targeted [111 In]-Antisense Radiopharmaceutical. Molecular Imaging, 2004, 3, 153535002004041.	0.7	4
129	Developmental Regulation of the Rabbit Blood-Brain Barrier LAT1 Large Neutral Amino Acid Transporter mRNA and Protein. Pediatric Research, 2004, 55, 557-560.	1.1	11
130	Intravenous RNA Interference Gene Therapy Targeting the Human Epidermal Growth Factor Receptor Prolongs Survival in Intracranial Brain Cancer. Clinical Cancer Research, 2004, 10, 3667-3677.	3.2	317
131	Log(BB), PS products and in silico models of drug brain penetration. Drug Discovery Today, 2004, 9, 392-393.	3.2	85
132	Organ-specific expression of the lacZ gene controlled by the opsin promoter after intravenous gene administration in adult mice. Journal of Gene Medicine, 2004, 6, 906-912.	1.4	30
133	Gene therapy of the brain. Neurology, 2004, 62, 1275-1281.	1.5	91
134	Normalization of Striatal Tyrosine Hydroxylase and Reversal of Motor Impairment in Experimental Parkinsonism with Intravenous Nonviral Gene Therapy and a Brain-Specific Promoter. Human Gene Therapy, 2004, 15, 339-350.	1.4	124
135	Intravenous, non-viral RNAi gene therapy of brain cancer. Expert Opinion on Biological Therapy, 2004, 4, 1103-1113.	1.4	107
136	Human LAT1 single nucleotide polymorphism N230K does not alter phenylalanine transport. Molecular Genetics and Metabolism, 2004, 83, 306-311.	0.5	14
137	Imaging Gene Expression in Regional Brain Ischemia In Vivo with a Targeted [¹¹¹In]-Antisense Radiopharmaceutical. Molecular Imaging, 2004, 3, 356-363.	0.7	15
138	Imaging endogenous gene expression in brain cancer in vivo with 111In-peptide nucleic acid antisense radiopharmaceuticals and brain drug-targeting technology. Journal of Nuclear Medicine, 2004, 45, 1766-75.	2.8	47
139	Absence of Toxicity of Chronic Weekly Intravenous Gene Therapy with Pegylated Immunoliposomes. Pharmaceutical Research, 2003, 20, 1779-1785.	1.7	57
140	Marked enhancement in gene expression by targeting the human insulin receptor. Journal of Gene Medicine, 2003, 5, 157-163.	1.4	48
141	In vivo knockdown of gene expression in brain cancer with intravenous RNAi in adult rats. Journal of Gene Medicine, 2003, 5, 1039-1045.	1.4	116
142	Site-directed mutagenesis of rabbit LAT1 at amino acids 219 and 234. Journal of Neurochemistry, 2003, 84, 1322-1331.	2.1	20
143	Hypoxia induces deâ€stabilization of the LAT1 large neutral amino acid transporter mRNA in brain capillary endothelial cells. Journal of Neurochemistry, 2003, 85, 1037-1042.	2.1	29
144	Gene Targeting In Vivo with Pegylated Immunoliposomes. Methods in Enzymology, 2003, 373, 507-528.	0.4	46

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145	Monoclonal Antibody Radiopharmaceuticals:â€‰ Cationization, Pegylation, Radiometal Chelation, Pharmacokinetics, and Tumor Imaging. Bioconjugate Chemistry, 2003, 14, 546-553.	1.8	72
146	Imaging gene expression in the brain with peptide nucleic acid (PNA) antisense radiopharmaceuticals and drug targeting technology. International Journal of Peptide Research and Therapeutics, 2003, 10, 169-190.	0.9	2
147	Intravenous Nonviral Gene Therapy Causes Normalization of Striatal Tyrosine Hydroxylase and Reversal of Motor Impairment in Experimental Parkinsonism. Human Gene Therapy, 2003, 14, 1-12.	1.4	201
148	Global non-viral gene transfer to the primate brain following intravenous administration. Molecular Therapy, 2003, 7, 11-18.	3.7	168
149	Molecular Biology of the Bloodâ€“Brain Barrier. , 2003, 89, 385-400.		24
150	P-glycoprotein and caveolin-1Î± in endothelium and astrocytes of primate brain. NeuroReport, 2003, 14, 2041-2046.	0.6	61
151	The Ro52/SS-A autoantigen has elevated expression at the brain microvasculature. NeuroReport, 2003, 14, 1861-1865.	0.6	21
152	BLOOD-BRAIN BARRIER DRUG TARGETING: THE FUTURE OF BRAIN DRUG DEVELOPMENT. Molecular Interventions: Pharmacological Perspectives From Biology, Chemistry and Genomics, 2003, 3, 90-105.	3.4	586
153	Blood-Brain Barrier Drug Targeting Enables Neuroprotection in Brain Ischemia Following Delayed Intravenous Administration of Neurotrophins. Advances in Experimental Medicine and Biology, 2003, 513, 397-430.	0.8	60
154	Imaging gene expression in the brain with peptide nucleic acid (PNA) antisense radiopharmaceuticals and drug targeting technology. International Journal of Peptide Research and Therapeutics, 2003, 10, 169-190.	0.1	0
155	Organ-specific gene expression in the rhesus monkey eye following intravenous non-viral gene transfer. Molecular Vision, 2003, 9, 465-72.	1.1	73
156	Blood-brain barrier genomics and the use of endogenous transporters to cause drug penetration into the brain. Current Opinion in Drug Discovery & Development, 2003, 6, 683-91.	1.9	13
157	Blood-Brain Barrier Disruption Following the Internal Carotid Arterial Perfusion of Alkyl Glycerols. Journal of Drug Targeting, 2002, 10, 463-467.	2.1	32
158	Vascular Proteomics and Subtractive Antibody Expression Cloning. Molecular and Cellular Proteomics, 2002, 1, 75-82.	2.5	28
159	Enhanced Neuroprotective Effects of Basic Fibroblast Growth Factor in Regional Brain Ischemia after Conjugation to a Blood-Brain Barrier Delivery Vector. Journal of Pharmacology and Experimental Therapeutics, 2002, 301, 605-610.	1.3	123
160	Targeting Neurotherapeutic Agents Through the Blood-Brain Barrier. Archives of Neurology, 2002, 59, 35.	4.9	98
161	Subtractive Expression Cloning Reveals High Expression of CD46 at the Blood-Brain Barrier. Journal of Neuropathology and Experimental Neurology, 2002, 61, 597-604.	0.9	50
162	Antisense Gene Therapy of Brain Cancer with an Artificial Virus Gene Delivery System. Molecular Therapy, 2002, 6, 67-72.	3.7	147

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