James T Patterson

List of Publications by Year
in descending order

19 papers	1,436 citations	623734 14 h-index	752698 20 g-index
20 all docs	20 docs citations	20 times ranked	2234 citing authors

#	Article	IF	Citations
1	A new glucagon and GLP-1 co-agonist eliminates obesity in rodents. Nature Chemical Biology, 2009, 5, 749-757.	8.0	512
2	Direct Control of Peripheral Lipid Deposition by CNS GLP-1 Receptor Signaling Is Mediated by the Sympathetic Nervous System and Blunted in Diet-Induced Obesity. Journal of Neuroscience, 2009, 29, 5916-5925.	3.6	144
3	Cell-Penetrating Peptide-Mediated Delivery of TALEN Proteins via Bioconjugation for Genome Engineering. PLoS ONE, 2014, 9, e85755.	2.5	121
4	Glucagon-like peptide-1 receptor-mediated endosomal cAMP generation promotes glucose-stimulated insulin secretion in pancreatic β-cells. American Journal of Physiology - Endocrinology and Metabolism, 2013, 305, E161-E170.	3.5	118
5	Melanocortin signaling in the CNS directly regulates circulating cholesterol. Nature Neuroscience, 2010, 13, 877-882.	14.8	86
6	HIV-1 inactivation by nucleic acid aptamers. Frontiers in Bioscience - Landmark, 2006, 11, 89.	3.0	83
7	Improving the Serum Stability of Site-Specific Antibody Conjugates with Sulfone Linkers. Bioconjugate Chemistry, 2014, 25, 1402-1407.	3.6	79
8	Site-Selective Labeling of a Lysine Residue in Human Serum Albumin. Angewandte Chemie - International Edition, 2014, 53, 11783-11786.	13.8	57
9	Site-Specific Dual Antibody Conjugation via Engineered Cysteine and Selenocysteine Residues. Bioconjugate Chemistry, 2015, 26, 2243-2248.	3.6	47
10	A Novel Human-Based Receptor Antagonist of Sustained Action Reveals Body Weight Control by Endogenous GLP-1. ACS Chemical Biology, 2011, 6, 135-145.	3.4	45
11	Inhibition of HIV-1 reverse transcriptase by RNA aptamers in Escherichia coli. Rna, 2003, 9, 1029-1033.	3.5	25
12	Charge inversion at position 68 of the glucagon and glucagon-like peptide-1 receptors supports selectivity in hormone action. Journal of Peptide Science, 2011, 17, 218-225.	1.4	23
13	Functional association of the N-terminal residues with the central region in glucagon-related peptides. Journal of Peptide Science, 2011, 17, 659-666.	1.4	16
14	Human Serum Albumin Domain I Fusion Protein for Antibody Conjugation. Bioconjugate Chemistry, 2016, 27, 2271-2275.	3.6	15
15	Chemically generated IgG2 bispecific antibodies through disulfide bridging. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 3647-3652.	2.2	14
16	A hydrophobic site on the GLP-1 receptor extracellular domain orients the peptide ligand for signal transduction. Molecular Metabolism, 2013, 2, 86-91.	6.5	13
17	PSMA-targeted bispecific Fab conjugates that engage T cells. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 5490-5495.	2.2	13
18	HIV-1 Reverse Transcriptase Pausing at Bulky 2' Adducts is Relieved by Deletion of the RNase H Domain. RNA Biology, 2006, 3, 163-169.	3.1	8

#	Article	IF	Citations
19	Template-Directed Ligation of Tethered Mononucleotides by T4 DNA Ligase for Kinase Ribozyme Selection. PLoS ONE, 2010, 5, e12368.	2.5	3