

# Michael P Blanton

## List of Publications by Year in descending order

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31  
papers

1,410  
citations

361413

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434195

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31  
docs citations

31  
times ranked

687  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural Sensitivity of a Prokaryotic Pentameric Ligand-gated Ion Channel to Its Membrane Environment. <i>Journal of Biological Chemistry</i> , 2013, 288, 11294-11303.	3.4	34
2	Bupropion Binds to Two Sites in the Torpedo Nicotinic Acetylcholine Receptor Transmembrane Domain: A Photoaffinity Labeling Study with the Bupropion Analogue [125I]-SADU-3-72. <i>Biochemistry</i> , 2012, 51, 2425-2435.	2.5	24
3	( $\pm$ )-2-(N-tert-Butylamino)-3-[125I]-iodo-4-azidopropiophenone: A dopamine transporter and nicotinic acetylcholine receptor photoaffinity ligand based on bupropion (Wellbutrin, Zyban). <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 523-526.	2.2	10
4	Structural characterization and agonist binding to human $\alpha 4 \beta 2$ nicotinic receptors. <i>Biochemical and Biophysical Research Communications</i> , 2011, 407, 456-460.	2.1	7
5	[3H]Epibatidine Photolabels Non-equivalent Amino Acids in the Agonist Binding Site of Torpedo and $\alpha 4 \beta 2$ Nicotinic Acetylcholine Receptors. <i>Journal of Biological Chemistry</i> , 2009, 284, 24939-24947.	3.4	12
6	Probing the Structure of the Affinity-Purified and Lipid-Reconstituted Torpedo Nicotinic Acetylcholine Receptor. <i>Biochemistry</i> , 2008, 47, 12787-12794.	2.5	33
7	Identifying the binding site(s) for antidepressants on the Torpedo nicotinic acetylcholine receptor: [3H]2-azidoimipramine photolabeling and molecular dynamics studies. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2008, 1778, 2690-2699.	2.6	24
8	Identifying the Lipid-Protein Interface of the $\alpha 4 \beta 2$ Neuronal Nicotinic Acetylcholine Receptor: Hydrophobic Photolabeling Studies with 3-(Trifluoromethyl)-3-[125I]iodophenyl diazirine. <i>Biochemistry</i> , 2007, 46, 13837-13846.	2.5	17
9	Assessing the Lipid Requirements of the Torpedo californica Nicotinic Acetylcholine Receptor. <i>Biochemistry</i> , 2006, 45, 4327-4337.	2.5	68
10	Cholesterol Interacts with Transmembrane Helices M1, M3, and M4 of the Torpedo Nicotinic Acetylcholine Receptor: Photolabeling Studies Using [3H]Azicholesterol. <i>Biochemistry</i> , 2006, 45, 976-986.	2.5	79
11	Biosoteric Replacement in the Design and Synthesis of Ligands for Nicotinic Acetylcholine Receptors. <i>Medicinal Chemistry Research</i> , 2005, 14, 241-259.	2.4	5
12	Noncompetitive Antagonist Binding Sites in the Torpedo Nicotinic Acetylcholine Receptor Ion Channel. Structure-Activity Relationship Studies Using Adamantane Derivatives. <i>Biochemistry</i> , 2003, 42, 7358-7370.	2.5	38
13	Conformation-dependent hydrophobic photolabeling of the nicotinic receptor: Electrophysiology-coordinated photochemistry and mass spectrometry. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 13054-13059.	7.1	52
14	Unique general anesthetic binding sites within distinct conformational states of the nicotinic acetylcholine receptor. <i>International Review of Neurobiology</i> , 2003, 54, 1-50.	2.0	16
15	Lipid-Protein Interactions at the Nicotinic Acetylcholine Receptor. <i>Journal of Biological Chemistry</i> , 2002, 277, 201-208.	3.4	108
16	Allosterically linked noncompetitive antagonist binding sites in the resting nicotinic acetylcholine receptor ion channel. <i>Archives of Biochemistry and Biophysics</i> , 2002, 403, 121-131.	3.0	24
17	Identification and characterization of membrane-associated polypeptides in Torpedo nicotinic acetylcholine receptor-rich membranes by hydrophobic photolabeling. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2001, 1512, 215-224.	2.6	14
18	Characterization of the Dizocilpine Binding Site on the Nicotinic Acetylcholine Receptor. <i>Molecular Pharmacology</i> , 2001, 59, 1051-1060.	2.3	17

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19	A Conformational Intermediate between the Resting and Desensitized States of the Nicotinic Acetylcholine Receptor. <i>Journal of Biological Chemistry</i> , 2001, 276, 4796-4803.	3.4	21
20	Structure of the Pore-forming Transmembrane Domain of a Ligand-gated Ion Channel. <i>Journal of Biological Chemistry</i> , 2001, 276, 23726-23732.	3.4	33
21	Examining the Noncompetitive Antagonist-binding Site in the Ion Channel of the Nicotinic Acetylcholine Receptor in the Resting State. <i>Journal of Biological Chemistry</i> , 2000, 275, 3469-3478.	3.4	18
22	Topography of Nicotinic Acetylcholine Receptor Membrane-embedded Domains. <i>Journal of Biological Chemistry</i> , 2000, 275, 37333-37339.	3.4	65
23	Identifying the Lipid-Protein Interface and Transmembrane Structural Transitions of the Torpedo Na,K-ATPase Using Hydrophobic Photoreactive Probes. <i>Biochemistry</i> , 2000, 39, 13534-13544.	2.5	10
24	The Steroid Promegestone Is a Noncompetitive Antagonist of the Torpedo Nicotinic Acetylcholine Receptor that Interacts with the Lipid-Protein Interface. <i>Molecular Pharmacology</i> , 1999, 55, 269-278.	2.3	58
25	Identifying the cholesterol binding domain in the nicotinic acetylcholine receptor with [125I]azido-cholesterol. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1998, 1414, 65-74.	2.6	72
26	Probing the Structure of the Nicotinic Acetylcholine Receptor with the Hydrophobic Photoreactive Probes [125I]TID-BE and [125I]TIDPC/16. <i>Biochemistry</i> , 1998, 37, 14545-14555.	2.5	38
27	Probing the Structure of the Nicotinic Acetylcholine Receptor Ion Channel with the Uncharged Photoactivable Compound [3H]Diazofluorene. <i>Journal of Biological Chemistry</i> , 1998, 273, 8659-8668.	3.4	57
28	Secondary Structure Analysis of Individual Transmembrane Segments of the Nicotinic Acetylcholine Receptor by Circular Dichroism and Fourier Transform Infrared Spectroscopy. <i>Journal of Biological Chemistry</i> , 1998, 273, 771-777.	3.4	72
29	Identifying the Lipid-Protein Interface of the Torpedo Nicotinic Acetylcholine Receptor: Secondary Structure Implications. <i>Biochemistry</i> , 1994, 33, 2859-2872.	2.5	221
30	Mapping the lipid-exposed regions in the Torpedo californica nicotinic acetylcholine receptor. <i>Biochemistry</i> , 1992, 31, 3738-3750.	2.5	149
31	Localization of regions of the Torpedo californica nicotinic acetylcholine receptor labeled with an aryl azide derivative of phosphatidylserine. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1991, 1067, 1-8.	2.6	14