

Paul J White

List of Publications by Year in descending order

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Version: 2024-02-01

81
papers

1,947
citations

249298

26
h-index

355658

38
g-index

82
all docs

82
docs citations

82
times ranked

2573
citing authors

#	ARTICLE	IF	CITATIONS
1	Problem solving in chemistry supported by metacognitive scaffolding: teaching associates'™ perspectives and practices. <i>Chemistry Education Research and Practice</i> , 2022, 23, 436-451.	1.4	6
2	Cultural adaptation and validation of instruments for measuring the flipped classroom experience. <i>Currents in Pharmacy Teaching and Learning</i> , 2022, 14, 23-32.	0.4	2
3	¹¹³ Cd as a Probe in NMR Studies of Allosteric Host-Guest-Ligand Complexes of Porphyrin Cage Compounds. <i>European Journal of Organic Chemistry</i> , 2022, 2022, .	1.2	0
4	Host-Guest Exchange of Viologen Guests in Porphyrin Cage Compounds as Studied by Selective Exchange Spectroscopy (1D EXSY) NMR. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 1254-1262.	7.2	11
5	Host-Guest Exchange of Viologen Guests in Porphyrin Cage Compounds as Studied by Selective Exchange Spectroscopy (1D EXSY) NMR. <i>Angewandte Chemie</i> , 2021, 133, 1274-1282.	1.6	3
6	Pharmacological Insights Into Safety and Efficacy Determinants for the Development of Adenosine Receptor Biased Agonists in the Treatment of Heart Failure. <i>Frontiers in Pharmacology</i> , 2021, 12, 628060.	1.6	5
7	Biased agonism at adenosine receptors. <i>Cellular Signalling</i> , 2021, 82, 109954.	1.7	22
8	Identifying the core concepts of pharmacology education. <i>Pharmacology Research and Perspectives</i> , 2021, 9, e00836.	1.1	12
9	Development of a Vertically Integrated Pharmacy Degree. <i>Pharmacy (Basel, Switzerland)</i> , 2021, 9, 156.	0.6	7
10	Positive allosteric mechanisms of adenosine A1 receptor-mediated analgesia. <i>Nature</i> , 2021, 597, 571-576.	13.7	84
11	Defining and unpacking the core concepts of pharmacology education. <i>Pharmacology Research and Perspectives</i> , 2021, 9, e00894.	1.1	14
12	Engaging older people as university-based instructors: A model to improve the empathy and attitudes of pharmacists in training. <i>Currents in Pharmacy Teaching and Learning</i> , 2020, 12, 58-64.	0.4	14
13	Predictors of Pharmacy Student Performance on Written and Clinical Examinations in a Flipped Classroom Curriculum. <i>American Journal of Pharmaceutical Education</i> , 2020, 84, 8038.	0.7	10
14	The adenosine A2B G protein-coupled receptor: Recent advances and therapeutic implications. , 2019, 198, 20-33.		34
15	New paradigms in adenosine receptor pharmacology: allostery, oligomerization and biased agonism. <i>British Journal of Pharmacology</i> , 2018, 175, 4036-4046.	2.7	49
16	A Structure-Activity Relationship Study of Bitopic <i>N</i> ⁶ -Substituted Adenosine Derivatives as Biased Adenosine A ₁ Receptor Agonists. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 2087-2103.	2.9	29
17	1A ₂ -Adrenoceptors activate mTOR signalling and glucose uptake in cardiomyocytes. <i>Biochemical Pharmacology</i> , 2018, 148, 27-40.	2.0	20
18	Development of a self-report instrument for measuring in-class student engagement reveals that pretending to engage is a significant unrecognized problem. <i>PLoS ONE</i> , 2018, 13, e0205828.	1.1	25

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19	Effect of the 5-HT ₄ receptor agonist tegaserod on the expression of GRK2 and GRK6 in the rat gastrointestinal tract. <i>BMC Research Notes</i> , 2018, 11, 362.	0.6	4
20	Self-Crosslinking Lipopeptide/DNA/PEGylated Particles: A New Platform for DNA Vaccination Designed for Assembly in Aqueous Solution. <i>Molecular Therapy - Nucleic Acids</i> , 2018, 12, 504-517.	2.3	10
21	Student engagement with a flipped classroom teaching design affects pharmacology examination performance in a manner dependent on question type. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO1-7-7.	0.0	0
22	Adenosine G Protein-Coupled Receptor Biased Agonism to Treat Ischemic Heart Disease. <i>FASEB Journal</i> , 2018, 32, 555.19.	0.2	0
23	Capadenoson, a clinically trialed partial adenosine A ₁ receptor agonist, can stimulate adenosine A _{2B} receptor biased agonism. <i>Biochemical Pharmacology</i> , 2017, 135, 79-89.	2.0	37
24	Student Engagement with a Flipped Classroom Teaching Design Affects Pharmacology Examination Performance in a Manner Dependent on Question Type. <i>American Journal of Pharmaceutical Education</i> , 2017, 81, 5931.	0.7	39
25	Targeting Adenosine Receptors for the Treatment of Cardiac Fibrosis. <i>Frontiers in Pharmacology</i> , 2017, 8, 243.	1.6	42
26	A suicidal strain of <i>Listeria monocytogenes</i> is effective as a DNA vaccine delivery system for oral administration. <i>Vaccine</i> , 2017, 35, 5115-5122.	1.7	13
27	Tissue-specific Calibration of Real-time PCR Facilitates Absolute Quantification of Plasmid DNA in Biodistribution Studies. <i>Molecular Therapy - Nucleic Acids</i> , 2016, 5, e371.	2.3	1
28	Extracellular Loop 2 of the Adenosine A ₁ Receptor Has a Key Role in Orthosteric Ligand Affinity and Agonist Efficacy. <i>Molecular Pharmacology</i> , 2016, 90, 703-714.	1.0	53
29	Role of the Second Extracellular Loop of the Adenosine A ₁ Receptor on Allosteric Modulator Binding, Signaling, and Cooperativity. <i>Molecular Pharmacology</i> , 2016, 90, 715-725.	1.0	56
30	Novel Irreversible Agonists Acting at the A ₁ Adenosine Receptor. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 11182-11194.	2.9	20
31	Developing a Framework for Objective Structured Clinical Examinations Using the Nominal Group Technique. <i>American Journal of Pharmaceutical Education</i> , 2016, 80, 158.	0.7	12
32	Adopting an active learning approach to teaching in a research-intensive higher education context transformed staff teaching attitudes and behaviours. <i>Higher Education Research and Development</i> , 2016, 35, 619-633.	1.9	73
33	VCP746, a novel A ₁ adenosine receptor biased agonist, reduces hypertrophy in a rat neonatal cardiac myocyte model. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2016, 43, 976-982.	0.9	20
34	The hybrid molecule, VCP746, is a potent adenosine A _{2B} receptor agonist that stimulates anti-fibrotic signalling. <i>Biochemical Pharmacology</i> , 2016, 117, 46-56.	2.0	30
35	Ligand-Independent Adenosine A _{2B} Receptor Constitutive Activity as a Promoter of Prostate Cancer Cell Proliferation. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2016, 357, 36-44.	1.3	50
36	Flipped Classroom Implementation: A Case Report of Two Higher Education Institutions in the United States and Australia. <i>Computers in the Schools</i> , 2016, 33, 24-37.	0.4	56

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37	Quantification of adenosine A1 receptor biased agonism: Implications for drug discovery. <i>Biochemical Pharmacology</i> , 2016, 99, 101-112.	2.0	58
38	Synthesis of six mexiletine derivatives with isoindolines attached as potential antioxidants and their evaluation as cardioprotective agents. <i>MedChemComm</i> , 2015, 6, 634-639.	3.5	2
39	Buccal mucosal delivery of a potent peptide leads to therapeutically-relevant plasma concentrations for the treatment of autoimmune diseases. <i>Journal of Controlled Release</i> , 2015, 199, 37-44.	4.8	26
40	Separation of on-target efficacy from adverse effects through rational design of a bitopic adenosine receptor agonist. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 4614-4619.	3.3	92
41	<scp>HCN</scp> channelopathy and cardiac electrophysiologic dysfunction in genetic and acquired rat epilepsy models. <i>Epilepsia</i> , 2014, 55, 609-620.	2.6	29
42	An Allosteric Modulator of the Adenosine A1 Receptor Improves Cardiac Function Following Ischaemia in Murine Isolated Hearts. <i>Pharmaceuticals</i> , 2013, 6, 546-556.	1.7	12
43	Colloidal characteristics and formulation of pure protein particulate vaccines. <i>Journal of Pharmacy and Pharmacology</i> , 2012, 64, 1386-1393.	1.2	2
44	Synthesis and Pharmacological Evaluation of Dual Acting Antioxidant A_{2A} Adenosine Receptor Agonists. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 3521-3534.	2.9	17
45	Enhanced Extravasation, Stability and <i>in Vivo</i> Cardiac Gene Silencing via <i>in Situ</i> siRNA-Albumin Conjugation. <i>Molecular Pharmaceutics</i> , 2012, 9, 71-80.	2.3	41
46	Synthesis and Biological Evaluation of Adenosines with Heterobicyclic and Polycyclic <i>N</i>-substituents as Adenosine A₁ Receptor Agonists. <i>ChemMedChem</i> , 2012, 7, 1191-1201.	1.6	5
47	Edaravone containing isoindoline nitroxides for the potential treatment of cardiovascular ischaemia. <i>MedChemComm</i> , 2011, 2, 436.	3.5	27
48	Commercially Supplied Amine-Modified siRNAs May Require Ultrafiltration prior to Conjugation with Amine-Reactive Compounds. <i>Journal of Nucleic Acids</i> , 2011, 2011, 1-5.	0.8	3
49	Tissue dependent differences in G-protein coupled receptor kinases associated with 5-HT4 receptor desensitization in the rat gastro-intestinal tract. <i>Biochemical Pharmacology</i> , 2011, 81, 123-133.	2.0	10
50	A Novel Highly Selective Adenosine A1 Receptor Agonist VCP28 Reduces Ischemia Injury in a Cardiac Cell Line and Ischemia-Reperfusion Injury in Isolated Rat Hearts at Concentrations That Do Not Affect Heart Rate. <i>Journal of Cardiovascular Pharmacology</i> , 2010, 56, 282-292.	0.8	14
51	Cooperative Cardioprotection Through Adenosine A1 and A2A Receptor Agonism in Ischemia-Reperfused Isolated Mouse Heart. <i>Journal of Cardiovascular Pharmacology</i> , 2010, 56, 379-388.	0.8	25
52	Interaction of viruses with host cell molecular motors. <i>Current Opinion in Biotechnology</i> , 2010, 21, 633-639.	3.3	29
53	Synthesis and evaluation of new N6-substituted adenosine-5-N-methylcarboxamides as A3 adenosine receptor agonists. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 3078-3087.	1.4	10
54	Delineating the Mode of Action of Adenosine A₁ Receptor Allosteric Modulators. <i>Molecular Pharmacology</i> , 2010, 78, 444-455.	1.0	39

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55	Binding Mode Prediction of PDE4 Inhibitors: A Comparison of Modelling Methods. Australian Journal of Chemistry, 2010, 63, 396.	0.5	3
56	Use of Kv1.3 Blockers for Inflammatory Skin Conditions. Current Medicinal Chemistry, 2010, 17, 2882-2896.	1.2	17
57	Overcoming biological barriers to in vivo efficacy of antisense oligonucleotides. Expert Reviews in Molecular Medicine, 2009, 11, e10.	1.6	50
58	Cardioprotection Induced by Adenosine A1 Receptor Agonists in a Cardiac Cell Ischemia Model Involves Cooperative Activation of Adenosine A2A and A2B Receptors by Endogenous Adenosine. Journal of Cardiovascular Pharmacology, 2009, 53, 424-433.	0.8	31
59	A Faculty Approach to Implementing Advanced, E-Learning Dependent, Formative and Summative Assessment Practices. Advances in Information and Communication Technology Education Series, 2009, , 76-96.	0.1	2
60	BARRIERS TO SUCCESSFUL DELIVERY OF SHORT INTERFERING RNA AFTER SYSTEMIC ADMINISTRATION. Clinical and Experimental Pharmacology and Physiology, 2008, 35, 1371-1376.	0.9	56
61	Dual acting antioxidant A1 adenosine receptor agonists. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 5437-5441.	1.0	20
62	Comparison of opioid receptor distributions in the rat ileum. Life Sciences, 2006, 78, 1610-1616.	2.0	20
63	Comparison of opioid receptor distributions in the rat central nervous system. Life Sciences, 2006, 79, 674-685.	2.0	36
64	CHARACTERIZATION OF THE ACUTE CARDIOVASCULAR EFFECTS OF INTRAVENOUSLY ADMINISTERED INSULIN-LIKE GROWTH FACTOR-I IN CONSCIOUS SPRAGUE-DAWLEY RATS. Clinical and Experimental Pharmacology and Physiology, 2006, 33, 1190-1195.	0.9	5
65	Intravenous Insulin-like Growth Factor-I Receptor Antisense Treatment Reduces Angiotensin Receptor Expression and Function in Spontaneously Hypertensive Rats. Journal of Pharmacology and Experimental Therapeutics, 2006, 318, 1171-1177.	1.3	17
66	Characterisation of opioid receptors involved in modulating circular and longitudinal muscle contraction in the rat ileum. British Journal of Pharmacology, 2005, 144, 687-694.	2.7	21
67	Intravenous IGF-I receptor antisense reduces IGF-IR expression and diminishes pressor responses to angiotensin II in conscious normotensive rats. British Journal of Pharmacology, 2005, 146, 935-941.	2.7	7
68	Antisense oligonucleotide treatments for psoriasis. Expert Opinion on Biological Therapy, 2004, 4, 75-81.	1.4	17
69	Sequence Dependence of C5-Propynyl-dU,dC-Phosphorothioate Oligonucleotide Inhibition of the Human IGF-I Receptor: mRNA, Protein, and Cell Growth. Oligonucleotides, 2002, 12, 369-377.	4.4	4
70	Chronic Caffeine Treatment Causes Changes in Cardiac Adenosine Receptor Function in Rats. Pharmacology, 2002, 65, 129-135.	0.9	14
71	C-5 Propyne-Modified Oligonucleotides Penetrate the Epidermis in Psoriatic and Not Normal Human Skin After Topical Application. Journal of Investigative Dermatology, 2002, 118, 1003-1007.	0.3	20
72	Antisense oligonucleotides in cutaneous therapy. , 2001, 90, 89-104.		44

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73	Reversal of epidermal hyperproliferation in psoriasis by insulin-like growth factor I receptor antisense oligonucleotides. <i>Nature Biotechnology</i> , 2000, 18, 521-526.	9.4	81
74	Antisense Inhibition of IGF Receptor Expression in HaCaT Keratinocytes: A Model for Antisense Strategies in Keratinocytes. <i>Oligonucleotides</i> , 2000, 10, 195-203.	4.4	12
75	Oligonucleotide Uptake in Cultured Keratinocytes: Influence of Confluence, Cationic Liposomes, and Keratinocyte Cell Type. <i>Journal of Investigative Dermatology</i> , 1999, 112, 699-705.	0.3	25
76	Live Confocal Microscopy of Oligonucleotide Uptake by Keratinocytes in Human Skin Grafts on Nude Mice. <i>Journal of Investigative Dermatology</i> , 1999, 112, 887-892.	0.3	42
77	Intranuclear Localization of Insulin-Like Growth Factor Binding Protein-3 (IGFBP-3) During Cell Division in Human Keratinocytes. <i>Journal of Investigative Dermatology</i> , 1998, 111, 239-242.	0.3	62
78	Functional characterization of adenosine receptors in the nucleus tractus solitarius mediating hypotensive responses in the rat. <i>British Journal of Pharmacology</i> , 1996, 117, 305-308.	2.7	23
79	Changes in adenosine receptors mediating hypotension in morphine-dependent rats. <i>European Journal of Pharmacology</i> , 1995, 294, 215-220.	1.7	8
80	The role of adenosine in the hypotensive actions of morphine. <i>European Journal of Pharmacology</i> , 1995, 286, 315-319.	1.7	4
81	Examining the Role of the Linker in Bitopic N^6 -Substituted Adenosine Derivatives Acting as Biased Adenosine A_1 Receptor Agonists. <i>Journal of Medicinal Chemistry</i> , 0, , .	2.9	1