

Andrea J Vernall

List of Publications by Year in descending order

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623734

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#	ARTICLE	IF	CITATIONS
1	TCR- or Cytokine-Activated CD8+ Mucosal-Associated Invariant T Cells Are Rapid Polyfunctional Effectors That Can Coordinate Immune Responses. <i>Cell Reports</i> , 2019, 28, 3061-3076.e5.	6.4	138
2	Fragment Screening at Adenosine-A3 Receptors in Living Cells Using a Fluorescence-Based Binding Assay. <i>Chemistry and Biology</i> , 2012, 19, 1105-1115.	6.0	83
3	The evolving small-molecule fluorescent-conjugate toolbox for class A GPCRs. <i>British Journal of Pharmacology</i> , 2014, 171, 1073-1084.	5.4	79
4	Development of novel fluorescent histamine H1-receptor antagonists to study ligand-binding kinetics in living cells. <i>Scientific Reports</i> , 2018, 8, 1572.	3.3	48
5	Conversion of a non-selective adenosine receptor antagonist into A3-selective high affinity fluorescent probes using peptide-based linkers. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 5673.	2.8	47
6	Highly Potent and Selective Fluorescent Antagonists of the Human Adenosine A ₃ Receptor Based on the 1,2,4-Triazolo[4,3- <i>a</i>]quinoxalin-1-one Scaffold. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 1771-1782.	6.4	41
7	Type I interferons are important co-stimulatory signals during T cell receptor mediated human MAIT cell activation. <i>European Journal of Immunology</i> , 2020, 50, 178-191.	2.9	38
8	Direct visualisation of internalization of the adenosine A3 receptor and localization with arrestin3 using a fluorescent agonist. <i>Neuropharmacology</i> , 2015, 98, 68-77.	4.1	29
9	A Single Helical Turn Stabilized by Replacement of an Internal Hydrogen Bond with a Covalent Ethylene Bridge. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 5675-5678.	13.8	28
10	Chromenopyrazole-based High Affinity, Selective Fluorescent Ligands for Cannabinoid Type 2 Receptor. <i>ACS Medicinal Chemistry Letters</i> , 2019, 10, 209-214.	2.8	26
11	Chemical Tools for Studying Lipid-Binding Class A G Protein-Coupled Receptors. <i>Pharmacological Reviews</i> , 2017, 69, 316-353.	16.0	20
12	Cannabinoid Receptor 2 Signalling Bias Elicited by 2,4,6-Trisubstituted 1,3,5-Triazines. <i>Frontiers in Pharmacology</i> , 2018, 9, 1202.	3.5	20
13	Ring-deactivated hydroxyalkylpyrrole-based inhibitors of chymotrypsin: synthesis and mechanism of action. <i>Organic and Biomolecular Chemistry</i> , 2003, 1, 2103-2110.	2.8	18
14	Cross-metathesis coupling of sugars and fatty acids to lysine and cysteine. <i>Organic and Biomolecular Chemistry</i> , 2004, 2, 2555.	2.8	16
15	Alkyl indole-based cannabinoid type 2 receptor tools: Exploration of linker and fluorophore attachment. <i>European Journal of Medicinal Chemistry</i> , 2018, 145, 770-789.	5.5	15
16	Development of selective, fluorescent cannabinoid type 2 receptor ligands based on a 1,8-naphthyridin-2-(1 <i>H</i>)-one-3-carboxamide scaffold. <i>MedChemComm</i> , 2018, 9, 2055-2067.	3.4	14
17	Human liver-derived MAIT cells differ from blood MAIT cells in their metabolism and response to TCR-dependent activation. <i>European Journal of Immunology</i> , 2021, 51, 879-892.	2.9	14
18	Cross-metathesis and ring-closing metathesis reactions of amino acid-based substrates. <i>Tetrahedron</i> , 2008, 64, 3980-3997.	1.9	12

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19	Neutrophils suppress mucosal-associated invariant T cells in humans. <i>European Journal of Immunology</i> , 2020, 50, 643-655.	2.9	8
20	Development of Covalent, Clickable Probes for Adenosine A ₁ and A ₃ Receptors. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 8161-8178.	6.4	7
21	To prohibit or regulate psychoactive substances: has New Zealand got the right approach?. <i>BMJ: British Medical Journal</i> , 2017, 356, j1195.	2.3	5
22	Synthesis of novel (benzimidazolyl)isoquinolinols and evaluation as adenosine A1 receptor tools. <i>RSC Advances</i> , 2018, 8, 16362-16369.	3.6	3
23	Open Synthesis Network Research in an Undergraduate Laboratory: Development of Benzoxazole Amide Derivatives against <i>Leishmania</i> Parasite. <i>Journal of Chemical Education</i> , 0, , .	2.3	3
24	Development of Chromenopyrazole-Based Selective Cannabinoid 2 Receptor Agonists. <i>Australian Journal of Chemistry</i> , 2021, 74, 433.	0.9	1
25	Covalent cannabinoid receptor ligands – structural insight and selectivity challenges. <i>RSC Medicinal Chemistry</i> , 0, , .	3.9	0