

David R Compton

List of Publications by Year in descending order

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34
papers

4,242
citations

411340

20
h-index

445137

33
g-index

34
all docs

34
docs citations

34
times ranked

3246
citing authors

#	ARTICLE	IF	CITATIONS
1	Gene therapy in the putamen for curing AADC deficiency and Parkinson's disease. <i>EMBO Molecular Medicine</i> , 2021, 13, e14712.	3.3	17
2	Nonclinical Studies that Support Viral Vector-Delivered Gene Therapies: An EFPIA Gene Therapy Working Group Perspective. <i>Molecular Therapy - Methods and Clinical Development</i> , 2020, 19, 89-98.	1.8	9
3	Abuse liability assessment for biologic drugs – All molecules are not created equal. <i>Regulatory Toxicology and Pharmacology</i> , 2018, 92, 165-172.	1.3	2
4	Proarrhythmic mechanisms of the common anti-diarrheal medication loperamide: revelations from the opioid abuse epidemic. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2016, 389, 1133-1137.	1.4	55
5	Neurochemistry of Abuse Liability Assessment and Primary Behavioral Correlates. , 2015, , 9-48.		2
6	Comparative effects of interferon alpha α 2b and pegylated interferon alpha α 2b on menstrual cycles and ovarian hormones in cynomolgus monkeys. <i>Birth Defects Research Part B: Developmental and Reproductive Toxicology</i> , 2009, 86, 29-39.	1.4	8
7	Ontogeny of mu opioid agonist anti-nociception in postnatal rats. <i>Developmental Brain Research</i> , 1998, 105, 269-276.	2.1	33
8	Importance of the C-1 Substituent in Classical Cannabinoids to CB2 Receptor Selectivity: Synthesis and Characterization of a Series of O,2-Propano- δ -tetrahydrocannabinol Analogs. <i>Journal of Medicinal Chemistry</i> , 1997, 40, 3312-3318.	2.9	17
9	Synthesis and Pharmacological Comparison of Dimethylheptyl and Pentyl Analogs of Anandamide. <i>Journal of Medicinal Chemistry</i> , 1997, 40, 3626-3634.	2.9	63
10	Side chain methyl analogues of δ -THC. <i>Tetrahedron</i> , 1997, 53, 1557-1576.	1.0	24
11	Pharmacological characterization of BNMPA (δ -benzyl-N-methylphenethylamine), an impurity of illicit methamphetamine synthesis. <i>European Journal of Pharmacology</i> , 1996, 311, 133-139.	1.7	3
12	Evaluation of Agonist-antagonist Properties of Nitrogen Mustard and Cyano Derivatives of δ -Tetrahydrocannabinol. <i>Neuropharmacology</i> , 1996, 35, 1793-1804.	2.0	10
13	Agonist-antagonist characterization of 6 α -cyanohept-2 α -yne- δ -tetrahydrocannabinol in two isolated tissue preparations. <i>European Journal of Pharmacology</i> , 1996, 315, 195-201.	1.7	41
14	Synthesis and Pharmacology of a Very Potent Cannabinoid Lacking a Phenolic Hydroxyl with High Affinity for the CB2 Receptor. <i>Journal of Medicinal Chemistry</i> , 1996, 39, 3875-3877.	2.9	149
15	Stereoselective synthesis of the epimeric δ -7-tetrahydrocannabinols. <i>Tetrahedron</i> , 1995, 51, 1017-1032.	1.0	15
16	1-Alkyl-3-(1-naphthoyl)pyrroles: A new class of cannabinoid. <i>Tetrahedron Letters</i> , 1995, 36, 1401-1404.	0.7	107
17	Identification of an endogenous 2-monoglyceride, present in canine gut, that binds to cannabinoid receptors. <i>Biochemical Pharmacology</i> , 1995, 50, 83-90.	2.0	2,561
18	A novel class of potent tetrahydrocannabinols (THCS): 2 α -YNE- δ - and δ -9-THCS. <i>Life Sciences</i> , 1995, 56, 2013-2020.	2.0	21

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19	Pharmacological and behavioral evaluation of alkylated anandamide analogs. <i>Life Sciences</i> , 1995, 56, 2041-2048.	2.0	66
20	Design, Synthesis and Pharmacology of Cannabimimetic Indoles. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1994, 4, 563-566.	1.0	241
21	Synthesis and Pharmacological Properties of 11-Hydroxy-3-(1',1'-dimethylheptyl)hexahydrocannabinol: A High Affinity Cannabinoid Agonist. <i>Journal of Medicinal Chemistry</i> , 1994, 37, 2619-2622.	2.9	26
22	Cannabinoid receptors in developing rats: detection of mRNA and receptor binding. <i>Drug and Alcohol Dependence</i> , 1994, 36, 27-31.	1.6	53
23	Pharmacological evaluation of iodo and nitro analogs of δ^8 -THC and δ^9 -THC. <i>Pharmacology Biochemistry and Behavior</i> , 1993, 46, 295-301.	1.3	36
24	5'-Azido- δ^8 -THC: a novel photoaffinity label for the cannabinoid receptor. <i>Journal of Medicinal Chemistry</i> , 1992, 35, 3076-3079.	2.9	40
25	Synthesis and pharmacological evaluation of ether and related analogs of δ^8 -, δ^9 -, and $\delta^9,11$ -tetrahydrocannabinol. <i>Journal of Medicinal Chemistry</i> , 1991, 34, 3310-3316.	2.9	26
26	Behavioral, biochemical, and molecular modeling evaluations of cannabinoid analogs. <i>Pharmacology Biochemistry and Behavior</i> , 1991, 40, 471-478.	1.3	384
27	Canabis Dependence and Tolerance Production. <i>Advances in Alcohol & Substance Abuse</i> , 1990, 9, 129-147.	0.5	59
28	Synthesis and pharmacological evaluation of amino, azido, and nitrogen mustard analogs of 10-substituted cannabidiol and 11- or 12-substituted δ^8 -tetrahydrocannabinol. <i>Journal of Medicinal Chemistry</i> , 1990, 33, 1437-1443.	2.9	23
29	Pharmacological evaluation of water soluble cannabinoids and related analogs. <i>Life Sciences</i> , 1990, 46, 1575-1585.	2.0	14
30	Stereochemical effects of 11-OH- δ^8 -THC-dimethylheptyl in mice and dogs. <i>Pharmacology Biochemistry and Behavior</i> , 1989, 32, 661-666.	1.3	108
31	Synthesis and pharmacological evaluation of mercapto and thioacetyl analogues of cannabidiol and δ^8 -tetrahydrocannabinol. <i>European Journal of Medicinal Chemistry</i> , 1989, 24, 293-297.	2.6	6
32	Modification of phencyclidine intoxication and biodisposition by charcoal and other treatments. <i>Pharmacology Biochemistry and Behavior</i> , 1988, 30, 371-377.	1.3	6
33	(+)- and (-)-N-allylnormetazocine binding sites in mouse brain: In vitro and in vivo characterization and regional distribution.. <i>Life Sciences</i> , 1987, 40, 2195-2206.	2.0	7
34	Striatal synaptosomal dopamine synthesis: Evidence against direct regulation by an autoreceptor mechanism. <i>European Journal of Pharmacology</i> , 1985, 110, 157-162.	1.7	10