

# David E Potter

## List of Publications by Year in descending order

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85  
papers

1,637  
citations

377584

21  
h-index

425179

34  
g-index

85  
all docs

85  
docs citations

85  
times ranked

905  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ketamine: repurposing and redefining a multifaceted drug. <i>Drug Discovery Today</i> , 2014, 19, 1848-1854.	3.2	40
2	Non-Analgesic Effects of Opioids: Neuroprotection in the Retina. <i>Current Pharmaceutical Design</i> , 2012, 18, 6101-6108.	0.9	30
3	Opioid Receptor-Activation: Retina Protected from Ischemic Injury. , 2009, 50, 3853.		62
4	The Opioidergic System: Potential Roles and Therapeutic Indications in the Eye. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2008, 24, 117-140.	0.6	8
5	Bremazocine: A $\mu$ -Opioid Agonist with Potent Analgesic and Other Pharmacologic Properties. <i>CNS Neuroscience &amp; Therapeutics</i> , 2005, 11, 195-212.	4.0	44
6	Bremazocine Increases C-Type Natriuretic Peptide Levels in Aqueous Humor and Enhances Outflow Facility. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004, 309, 548-553.	1.3	21
7	Delta-opioid agonist-stimulated inositol phosphate formation in isolated, rabbit iris-ciliary bodies: role of Gi/o proteins and G $\beta$ $\gamma$ -subunits. <i>Experimental Eye Research</i> , 2003, 77, 647-652.	1.2	12
8	Changes in muscle proteins and spermidine content in response to unloading and clenbuterol treatment. <i>Canadian Journal of Physiology and Pharmacology</i> , 2003, 81, 28-39.	0.7	7
9	Naphazoline-Induced Neuroendocrine Changes: Increases in ANP and cGMP Levels, but Suppression of NE, $\alpha$ -NE, and cAMP Levels in Rabbit Eyes. <i>Pharmacology</i> , 2002, 65, 155-161.	0.9	11
10	Inhibition of cAMP Accumulation by $\mu$ -Receptor Activation in Isolated Iris-Ciliary Bodies: Role of Phosphodiesterase and Protein Kinase C. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2002, 301, 599-604.	1.3	8
11	Ocular Hypotension Induced by Electroacupuncture. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2002, 18, 293-305.	0.6	30
12	Muscle-Specific Effects of Hindlimb Suspension and Clenbuterol in Mature Male Rats. <i>Cells Tissues Organs</i> , 2002, 171, 188-198.	1.3	31
13	Effect of Hindlimb Suspension and Clenbuterol Treatment on Polyamine Levels in Skeletal Muscle. <i>Pharmacology</i> , 2002, 65, 145-154.	0.9	17
14	Dynorphin Modulates Ocular Hydrodynamics and Releases Atrial Natriuretic Peptide via Activation of $\mu$ -Opioid Receptors. <i>Experimental Eye Research</i> , 2002, 75, 259-270.	1.2	16
15	Biodegradable Calcium Phosphate Nanoparticles as a New Vehicle for Delivery of a Potential Ocular Hypotensive Agent. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2002, 18, 507-514.	0.6	38
16	Pharmacological evidence of a role for prejunctional imidazoline (I1) receptors in ocular function. <i>Current Eye Research</i> , 2002, 25, 267-270.	0.7	3
17	Distribution and Muscle-Sparing Effects of Clenbuterol in Hindlimb-Suspended Rats. <i>Pharmacology</i> , 2002, 65, 38-48.	0.9	24
18	Effect of Bremazocine, a Kappa-Opioid Receptor Agonist, on Inositol Phosphate Formation in Isolated Iris-Ciliary Bodies. <i>Pharmacology</i> , 2002, 66, 100-106.	0.9	6

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19	Naphazoline-induced Suppression of Aqueous Humor Pressure and Flow: Involvement of Central and Peripheral $\alpha_2$ / $\alpha_1$ Receptors. <i>Experimental Eye Research</i> , 2001, 72, 331-339.	1.2	8
20	Kappa Opioid Agonist-Induced Changes in IOP: Correlation with $^3$ H-NE Release and cAMP Accumulation. <i>Experimental Eye Research</i> , 2001, 73, 167-178.	1.2	17
21	Elevation of atrial natriuretic peptide levels in aqueous humor of the rabbit by kappa opioid receptor agonists. <i>Neuropeptides</i> , 2001, 35, 232-237.	0.9	9
22	Central imidazoline ( $\alpha_1$ ) receptors modulate aqueous hydrodynamics. <i>Current Eye Research</i> , 2001, 22, 358-366.	0.7	6
23	Comparative analytical quantitation of clenbuterol in biological matrices using GC-MS and EIA. , 2000, 14, 99-105.		35
24	$\alpha_2$ -Agonist-induced alterations in organ weights and protein content: Comparison of racemic clenbuterol and its enantiomers. <i>Chirality</i> , 2000, 12, 637-648.	1.3	39
25	Modulation of Ocular Hydrodynamics and Iris Function by Bremazocine, a Kappa Opioid Receptor Agonist. <i>Experimental Eye Research</i> , 2000, 70, 675-682.	1.2	26
26	$\alpha_2$ -Agonist-induced alterations in organ weights and protein content: Comparison of racemic clenbuterol and its enantiomers. , 2000, 12, 637.		2
27	Intraocular Pressure Lowering by S-allylmercaptocysteine in Rabbits. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 1999, 15, 9-17.	0.6	5
28	Peripheral and Central Effects of Naphazoline on Ocular Hydrodynamics: Involvement of Imidazoline Receptors, ANP, and Gi Proteins. <i>Annals of the New York Academy of Sciences</i> , 1999, 881, 388-391.	1.8	4
29	8OH-DPAT-Induced Ocular Hypotension: Sites and Mechanisms of Action. <i>Experimental Eye Research</i> , 1999, 69, 227-238.	1.2	20
30	Potential Sites of Action of TNPA: A Dopamine-2 Receptor Agonist. <i>Experimental Eye Research</i> , 1999, 69, 611-616.	1.2	13
31	Lisuride Acts at Multiple Sites to Induce Ocular Hypotension and Mydriasis. <i>Pharmacology</i> , 1998, 57, 249-260.	0.9	11
32	Potential Mechanisms of Moxonidine-Induced Ocular Hypotension: Role of Norepinephrine. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 1997, 13, 489-496.	0.6	14
33	Elevation of intracellular $Ca^{2+}$ concentration in rabbit nonpigmented ciliary epithelial cells by allicin. <i>Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology</i> , 1996, 115, 89-94.	0.5	2
34	Ocular Action of an Opioid Peptide, DPDPE. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 1996, 12, 131-139.	0.6	11
35	Rilmenidine-induced ocular hypotension: Role of imidazoline $\alpha_1$ and $\alpha_2$ receptors. <i>Current Eye Research</i> , 1996, 15, 943-950.	0.7	8
36	Oxymetazoline: Potential Mechanisms of Inhibitory Effects on Aqueous Humor Dynamics. <i>Pharmacology</i> , 1996, 53, 259-270.	0.9	11

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37	Do dopamine and dopamine receptors have roles in modulating function in the anterior segment?: The evidence. <i>Progress in Retinal and Eye Research</i> , 1995, 15, 103-111.	7.3	9
38	Centrally Mediated Ocular Hypotension: Potential Role of Imidazoline Receptors. <i>Annals of the New York Academy of Sciences</i> , 1995, 763, 463-485.	1.8	18
39	Potential Role of Imidazoline (I1) Receptors in Modulating Aqueous Humor Dynamics. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 1994, 10, 393-402.	0.6	11
40	The central effects of moxonidine on intraocular pressure and its antagonism by L-659, 066 and L-657, 743 in the rabbit. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 1994, 18, 1051-1061.	2.5	6
41	Alpha-2 Adrenoceptor Mediated Changes in Aqueous Dynamics: Effect of Pertussis Toxin. <i>Experimental Eye Research</i> , 1994, 58, 729-736.	1.2	19
42	Ocular actions of an octahydrobenzo[f]quinoline: Ha117. <i>European Journal of Pharmacology</i> , 1993, 236, 61-68.	1.7	6
43	Allicin-Induced Hypotension in Rabbit Eyes. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 1993, 9, 201-209.	0.6	17
44	Comparative Effects of Alpha-2 and DA-2 Agonists on Intraocular Pressure in Pigmented and Nonpigmented Rabbits. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 1993, 9, 187-199.	0.6	8
45	Pharmacological evidence for heterogeneity of ocular $\alpha_2$ adrenoceptors. <i>Current Eye Research</i> , 1992, 11, 963-970.	0.7	20
46	Ocular inhibitory effects of the dopamine DA <sub>2</sub> agonist (Ha118) in cats and rabbits. <i>Autonomic and Autacoid Pharmacology</i> , 1990, 10, 153-162.	0.7	4
47	Alpha <sub>2</sub> and DA <sub>2</sub> Agonists as Antiglaucoma Agents: Comparative Pharmacology and Clinical Potential. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 1990, 6, 251-257.	0.6	15
48	Effect of the Calcium Antagonist, Nifedipine, on Ischemic Retinal Dysfunction. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 1990, 6, 293-299.	0.6	49
49	Prejunctional adrenoceptor activity of N-0437: a relatively selective DA <sub>2</sub> dopamine receptor agonist. <i>European Journal of Pharmacology</i> , 1990, 178, 351-355.	1.7	5
50	Can UK-14, 304-18 lower IOP in rabbits by a peripheral mechanism?. <i>Current Eye Research</i> , 1989, 8, 547-552.	0.7	13
51	LY141865: A Relatively Selective DA <sub>2</sub> Agonist with Complex Ocular Activity. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 1988, 4, 19-28.	0.6	5
52	Ocular and cardiac $\beta_2$ -antagonism by timolol prodrugs, timolol and levobunolol. <i>Current Eye Research</i> , 1988, 7, 755-759.	0.7	10
53	Cianergoline Lowers Intraocular Pressure in Rabbits and Monkeys and Inhibits Contraction of the Cat Nictitans by Suppressing Sympathetic Neuronal Function. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 1987, 3, 309-321.	0.6	15
54	Ocular Effects of a N,N-Disubstituted 5-OH Aminotetralin (N-0437): Evidence for a Dual Mechanism of Action. <i>Current Eye Research</i> , 1987, 6, 1319-1326.	0.7	11

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55	Aporphine derivatives affect ocular function in diverse ways. <i>Current Eye Research</i> , 1987, 6, 1227-1236.	0.7	10
56	Dihydrolevobunolol is a Potent Ocular $\hat{\text{I}}^2$ -adrenoceptor Antagonist. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 1987, 3, 11-15.	0.6	13
57	The Ocular Effects of Xylazine in Rabbits, Cats, and Monkeys. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 1986, 2, 9-21.	0.6	32
58	Effects of Ibuterol, a $\hat{\text{I}}^2$ -2 Adrenergic Prodrug, on Intraocular Pressure. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 1986, 2, 225-237.	0.6	9
59	Ocular effects of a relatively selective $\hat{\text{I}}^{\pm 2}$ agonist (UK-14, 304-18) in cats, rabbits and monkeys. <i>Current Eye Research</i> , 1986, 5, 665-676.	0.7	89
60	Does B-HT 920 Lower Intraocular Pressure in Cats by Interacting with $\hat{\text{I}}^{\pm 2}$ - and/or DA2 Adrenoceptors?. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 1985, 1, 29-45.	0.6	12
61	Forskolin suppresses sympathetic neuron function and causes ocular hypotension. <i>Current Eye Research</i> , 1985, 4, 87-96.	0.7	16
62	EFFECTS OF AMINOTETRALINS ON INTRAOCULAR PRESSURE AND PUPILLARY FUNCTION IN RABBITS. <i>Autonomic and Autacoid Pharmacology</i> , 1984, 4, 185-193.	0.7	12
63	Anin vivomodel for dissociating $\hat{\text{I}}^{\pm 2}$ - and DA2-adrenoceptor activity in an ocular adnexa: Utility of the cat nictitating membrane preparation. <i>Current Eye Research</i> , 1984, 3, 1289-1298.	0.7	17
64	Ocular hypotensive action of ergoline derivatives in rabbits: effects of sympathectomy and domperidone pretreatment. <i>Current Eye Research</i> , 1984, 3, 307-314.	0.7	39
65	Alteration in ocular function induced by phenylethylamine analogs of dopamine. <i>Current Eye Research</i> , 1984, 3, 851-859.	0.7	27
66	Effects of ergoline derivatives on intraocular pressure and iris function in rabbits and monkeys. <i>Current Eye Research</i> , 1982, 2, 281-288.	0.7	48
67	Effects of Ethanol, Acetaldehyde and Acetate on Insulin Release from Perfused Pancreatic Islets. <i>Pharmacology</i> , 1982, 24, 314-320.	0.9	6
68	Ocular hypertensive response to $\hat{\text{I}}^2$ -adrenoceptor agonists. <i>Current Eye Research</i> , 1982, 2, 711-719.	0.7	9
69	Steric structure activity relationships of various adrenergic agonists: ocular and systemic effects. <i>Current Eye Research</i> , 1981, 1, 25-35.	0.7	17
70	Adrenergic drugs and intraocular pressure. <i>General Pharmacology</i> , 1981, 12, 1-13.	0.7	21
71	Circadian rhythm in intraocular pressure: A rabbit model. <i>Current Eye Research</i> , 1981, 1, 169-173.	0.7	123
72	Adrenergic Drugs and Intraocular Pressure: the Hypertensive Effect of Epinephrine. <i>Ophthalmic Research</i> , 1980, 12, 221-229.	1.0	24

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73	Taurine concentrations in the aqueous humor and plasma of anesthetized rabbits. <i>Experientia</i> , 1980, 36, 980-981.	1.2	2
74	Ethanol-induced changes in plasma glucose, insulin and glucagon in fed and fasted rats. <i>Experientia</i> , 1980, 36, 1003-1004.	1.2	16
75	The effects of topical prazosin on normal and elevated intraocular pressure and blood pressure in rabbits. <i>European Journal of Pharmacology</i> , 1980, 64, 361-363.	1.7	21
76	Adrenergic drugs and intraocular pressure: Suppression of ocular hypertension induced by water loading. <i>Experimental Eye Research</i> , 1980, 30, 93-104.	1.2	32
77	Catecholamine-induced alterations in glucose homeostasis in baboons, dogs, rabbits, and rats: Comparative effects of somatostatin. <i>Metabolism: Clinical and Experimental</i> , 1978, 27, 1441-1444.	1.5	13
78	Adrenergic drugs and intraocular pressure: Effects of selective $\beta_2$ -adrenergic agonists. <i>Experimental Eye Research</i> , 1978, 27, 615-625.	1.2	89
79	Role of Glucagon in the Hyperglycemic Response to Catecholamines in Fasted Baboons. <i>Pharmacology</i> , 1978, 17, 221-226.	0.9	2
80	Metabolic responses to isoproterenol and epinephrine in the rabbit. <i>Biochemical Pharmacology</i> , 1977, 26, 1065-1069.	2.0	10
81	Effects of ethanol and 3-mercaptopicolinic acid on isoproterenol and epinephrine-induced changes in glucose homeostasis in normal and alloxan-diabetic rats. <i>Biochemical Pharmacology</i> , 1977, 26, 2231-2235.	2.0	6
82	Metabolic and cardiovascular effects of carbuterol and metaproterenol. <i>Journal of Allergy and Clinical Immunology</i> , 1977, 60, 174-179.	1.5	6
83	The influence of propranolol on catecholamine-induced changes in carbohydrate metabolism in the rabbit. <i>European Journal of Pharmacology</i> , 1975, 32, 186-194.	1.7	18
84	Rabbit and human insulins: Similar cross-reactivities with antibodies to porcine insulin. <i>Experientia</i> , 1973, 29, 1144-1145.	1.2	4
85	Isoproterenol and Epinephrine-Induced Hyperglycemias in Rabbits: Effects of Alloxan Treatment and Prandial State. <i>Experimental Biology and Medicine</i> , 1972, 139, 1242-1245.	1.1	4