

# David E Potter

## List of Publications by Year in descending order

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85  
papers

1,637  
citations

331538

21  
h-index

377752

34  
g-index

85  
all docs

85  
docs citations

85  
times ranked

836  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Circadian rhythm in intraocular pressure: A rabbit model. <i>Current Eye Research</i> , 1981, 1, 169-173.  | 0.7 | 123       |
| 2  | Adrenergic drugs and intraocular pressure: Effects of selective $\hat{1}^2$ -adrenergic agonists. <i>Experimental Eye Research</i> , 1978, 27, 615-625.  | 1.2 | 89        |
| 3  | Ocular effects of a relatively selective $\hat{1}^2$ agonist (UK-14, 304-18) in cats, rabbits and monkeys. <i>Current Eye Research</i> , 1986, 5, 665-676.                                       | 0.7 | 89        |
| 4  | Opioid Receptor-Activation: Retina Protected from Ischemic Injury. , 2009, 50, 3853.   |     | 62        |
| 5  | 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        |
| 6  | 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        |
| 7  | Bremazocine: A $\hat{1}^2$ -Opioid Agonist with Potent Analgesic and Other Pharmacologic Properties. <i>CNS Neuroscience &amp; Therapeutics</i> , 2005, 11, 195-212.                             | 4.0 | 44        |
| 8  | Ketamine: repurposing and redefining a multifaceted drug. <i>Drug Discovery Today</i> , 2014, 19, 1848-1854.   | 3.2 | 40        |
| 9  | 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        |
| 10 | $\beta$ -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        |
| 11 | 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        |
| 12 | Comparative analytical quantitation of clenbuterol in biological matrices using GC-MS and EIA. , 2000, 14, 99-105.   |     | 35        |
| 13 | 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        |
| 14 | 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        |
| 15 | Muscle-Specific Effects of Hindlimb Suspension and Clenbuterol in Mature Male Rats. <i>Cells Tissues Organs</i> , 2002, 171, 188-198.  | 1.3 | 31        |
| 16 | Ocular Hypotension Induced by Electroacupuncture. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2002, 18, 293-305.  | 0.6 | 30        |
| 17 | Non-Analgesic Effects of Opioids: Neuroprotection in the Retina. <i>Current Pharmaceutical Design</i> , 2012, 18, 6101-6108.   | 0.9 | 30        |
| 18 | Alteration in ocular function induced by phenylethylamine analogs of dopamine. <i>Current Eye Research</i> , 1984, 3, 851-859.   | 0.7 | 27        |

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|----|--|-----|-----------|
| 19 | 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        |
| 20 | Adrenergic Drugs and Intraocular Pressure: the Hypertensive Effect of Epinephrine. <i>Ophthalmic Research</i> , 1980, 12, 221-229.   | 1.0 | 24        |
| 21 | Distribution and Muscle-Sparing Effects of Clenbuterol in Hindlimb-Suspended Rats. <i>Pharmacology</i> , 2002, 65, 38-48.  | 0.9 | 24        |
| 22 | 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        |
| 23 | Adrenergic drugs and intraocular pressure. <i>General Pharmacology</i> , 1981, 12, 1-13.   | 0.7 | 21        |
| 24 | 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        |
| 25 | Pharmacological evidence for heterogeneity of ocular $\alpha_2$ adrenoceptors. <i>Current Eye Research</i> , 1992, 11, 963-970.  | 0.7 | 20        |
| 26 | 8OH-DPAT-Induced Ocular Hypotension: Sites and Mechanisms of Action. <i>Experimental Eye Research</i> , 1999, 69, 227-238.   | 1.2 | 20        |
| 27 | Alpha-2 Adrenoceptor Mediated Changes in Aqueous Dynamics: Effect of Pertussis Toxin. <i>Experimental Eye Research</i> , 1994, 58, 729-736.  | 1.2 | 19        |
| 28 | 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        |
| 29 | 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        |
| 30 | Steric structure activity relationships of various adrenergic agonists: ocular and systemic effects. <i>Current Eye Research</i> , 1981, 1, 25-35.   | 0.7 | 17        |
| 31 | An in vivo model for dissociating $\alpha_1$ - and $\alpha_2$ -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        |
| 32 | Allicin-Induced Hypotension in Rabbit Eyes. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 1993, 9, 201-209.   | 0.6 | 17        |
| 33 | 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        |
| 34 | Effect of Hindlimb Suspension and Clenbuterol Treatment on Polyamine Levels in Skeletal Muscle. <i>Pharmacology</i> , 2002, 65, 145-154.   | 0.9 | 17        |
| 35 | Ethanol-induced changes in plasma glucose, insulin and glucagon in fed and fasted rats. <i>Experientia</i> , 1980, 36, 1003-1004.  | 1.2 | 16        |
| 36 | Forskolin suppresses sympathetic neuron function and causes ocular hypotension. <i>Current Eye Research</i> , 1985, 4, 87-96.  | 0.7 | 16        |

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|----|--|-----|-----------|
| 37 | 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        |
| 38 | 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        |
| 39 | Alpha $\alpha_2$ and DA $\alpha_2$ Agonists as Antiglaucoma Agents: Comparative Pharmacology and Clinical Potential. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 1990, 6, 251-257.  | 0.6 | 15        |
| 40 | 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        |
| 41 | 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        |
| 42 | Dihydrolevobunolol is a Potent Ocular $\beta_2$ -adrenoceptor Antagonist. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 1987, 3, 11-15.   | 0.6 | 13        |
| 43 | 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        |
| 44 | Potential Sites of Action of TNPA: A Dopamine-2 Receptor Agonist. <i>Experimental Eye Research</i> , 1999, 69, 611-616.  | 1.2 | 13        |
| 45 | EFFECTS OF AMINOTETRALINS ON INTRAOCULAR PRESSURE AND PUPILLARY FUNCTION IN RABBITS. <i>Autonomic and Autacoid Pharmacology</i> , 1984, 4, 185-193.  | 0.7 | 12        |
| 46 | Does B-HT 920 Lower Intraocular Pressure in Cats by Interacting with $\beta_2$ - and/or DA2 Adrenoceptors?. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 1985, 1, 29-45.   | 0.6 | 12        |
| 47 | 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        |
| 48 | 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        |
| 49 | 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        |
| 50 | Ocular Action of an Opioid Peptide, DPDPE. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 1996, 12, 131-139.   | 0.6 | 11        |
| 51 | Oxymetazoline: Potential Mechanisms of Inhibitory Effects on Aqueous Humor Dynamics. <i>Pharmacology</i> , 1996, 53, 259-270.  | 0.9 | 11        |
| 52 | Lisuride Acts at Multiple Sites to Induce Ocular Hypotension and Mydriasis. <i>Pharmacology</i> , 1998, 57, 249-260.   | 0.9 | 11        |
| 53 | Naphazoline-Induced Neuroendocrine Changes: Increases in ANP and cGMP Levels, but Suppression of NE, $\alpha_1$ -H-NE, and cAMP Levels in Rabbit Eyes. <i>Pharmacology</i> , 2002, 65, 155-161.  | 0.9 | 11        |
| 54 | Metabolic responses to isoproterenol and epinephrine in the rabbit. <i>Biochemical Pharmacology</i> , 1977, 26, 1065-1069.   | 2.0 | 10        |

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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 | Ocular and cardiac $\hat{\iota}^2$ -antagonism by timolol prodrugs, timolol and levobunolol. <i>Current Eye Research</i> , 1988, 7, 755-759.  | 0.7 | 10        |
| 57 | Ocular hypertensive response to $\hat{\iota}^2$ -adrenoceptor agonists. <i>Current Eye Research</i> , 1982, 2, 711-719.   | 0.7 | 9         |
| 58 | Effects of Ibuterol, a $\hat{\iota}^2$ -2 Adrenergic Prodrug, on Intraocular Pressure. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 1986, 2, 225-237.   | 0.6 | 9         |
| 59 | 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         |
| 60 | 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         |
| 61 | 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         |
| 62 | Rilmenidine-induced ocular hypotension: Role of imidazoline1 and alpha2 receptors. <i>Current Eye Research</i> , 1996, 15, 943-950.   | 0.7 | 8         |
| 63 | Naphazoline-induced Suppression of Aqueous Humor Pressure and Flow: Involvement of Central and Peripheral $\hat{\iota}^2$ /11 Receptors. <i>Experimental Eye Research</i> , 2001, 72, 331-339.  | 1.2 | 8         |
| 64 | Inhibition of cAMP Accumulation by $\hat{\iota}^2$ -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         |
| 65 | 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         |
| 66 | 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         |
| 67 | 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         |
| 68 | Metabolic and cardiovascular effects of carbuterol and metaproterenol. <i>Journal of Allergy and Clinical Immunology</i> , 1977, 60, 174-179.   | 1.5 | 6         |
| 69 | Effects of Ethanol, Acetaldehyde and Acetate on Insulin Release from Perfused Pancreatic Islets. <i>Pharmacology</i> , 1982, 24, 314-320.   | 0.9 | 6         |
| 70 | Ocular actions of an octahydrobenzo[f]quinoline: Ha117. <i>European Journal of Pharmacology</i> , 1993, 236, 61-68.   | 1.7 | 6         |
| 71 | 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         |
| 72 | Central imidazoline (I1) receptors modulate aqueous hydrodynamics. <i>Current Eye Research</i> , 2001, 22, 358-366.   | 0.7 | 6         |

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|----|---|-----|-----------|
| 73 | 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         |
| 74 | 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         |
| 75 | 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         |
| 76 | Intraocular Pressure Lowering by S-allylmercaptocysteine in Rabbits. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 1999, 15, 9-17.   | 0.6 | 5         |
| 77 | 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         |
| 78 | Rabbit and human insulins: Similar cross-reactivities with antibodies to porcine insulin. <i>Experientia</i> , 1973, 29, 1144-1145.   | 1.2 | 4         |
| 79 | Ocular inhibitory effects of the dopamine DA <sub>2</sub> agonist (Haâ€118) in cats and rabbits. <i>Autonomic and Autacoid Pharmacology</i> , 1990, 10, 153-162.   | 0.7 | 4         |
| 80 | 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         |
| 81 | 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         |
| 82 | Role of Glucagon in the Hyperglycemic Response to Catecholamines in Fasted Baboons. <i>Pharmacology</i> , 1978, 17, 221-226.  | 0.9 | 2         |
| 83 | Taurine concentrations in the aqueous humor and plasma of anesthetized rabbits. <i>Experientia</i> , 1980, 36, 980-981.   | 1.2 | 2         |
| 84 | Elevation of intracellular Ca <sup>2+</sup> 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         |
| 85 | Î²â€Agonistâ€induced alterations in organ weights and protein content: Comparison of racemic clenbuterol and its enantiomers. <i>Chirality</i> , 2000, 12, 637-648.   | 1.3 | 2         |