# Peter W Abel

List of Publications by Year
in descending order



| | | | |
|---|---|---|---|
| 81 papers | 2,071 citations | 257101<br>24 h-index | 233125<br>45 g-index |
| 83 all docs | 83 docs citations | 83 times ranked | 1772 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | TH17 cells and corticosteroid insensitivity in severe asthma. Journal of Allergy and Clinical Immunology, 2022, 149, 467-479. | 1.5 | 31 |
| 2 | Airway relaxation mechanisms and structural basis of osthole for improving lung function in asthma. Science Signaling, 2020, 13, . | 1.6 | 6 |
| 3 | TGF-Î²1-induced miR-424 promotes pulmonary myofibroblast differentiation by targeting Slit2 protein expression. Biochemical Pharmacology, 2020, 180, 114172. | 2.0 | 23 |
| 4 | Progressive cardiorespiratory dysfunction in Kv1.1 knockout mice may provide temporal biomarkers of pending sudden unexpected death in epilepsy (SUDEP): The contribution of orexin. Epilepsia, 2020, 61, 572-588. | 2.6 | 19 |
| 5 | Airway Relaxation Mechanisms and Structural Basis of Osthole to Improve Lung Function in Asthma. FASEB Journal, 2020, 34, 1-1. | 0.2 | 0 |
| 6 | Transforming growth factor (TGF)-Î²1-induced miR-133a inhibits myofibroblast differentiation and pulmonary fibrosis. Cell Death and Disease, 2019, 10, 670. | 2.7 | 97 |
| 7 | Upregulated P-Rex1 exacerbates human airway smooth muscle hyperplasia in asthma. Journal of Allergy and Clinical Immunology, 2019, 143, 778-781.e5. | 1.5 | 3 |
| 8 | TGFâ€Î²1â€induced miRâ€424 Mediates Pulmonary Myofibroblast Differentiation via Targeting Slit2. FASEB Journal, 2019, 33, 681.9. | 0.2 | 1 |
| 9 | Respiratory dysfunction progresses with age in <i>Kcna1</i>â€null mice, a model of sudden unexpected death in epilepsy. Epilepsia, 2018, 59, 345-357. | 2.6 | 52 |
| 10 | Up-regulated miR-133a orchestrates epithelial-mesenchymal transition of airway epithelial cells. Scientific Reports, 2018, 8, 15543. | 1.6 | 14 |
| 11 | Targeting Androgen Receptor and TRAIL: A Novel Treatment Paradigm for Breast Cancer. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, OR35-3. | 0.0 | 0 |
| 12 | Targeting Androgen Receptor and TRAIL: A Novel Treatment Paradigm for Breast Cancer. FASEB Journal, 2018, 32, 835.10. | 0.2 | 0 |
| 13 | Pharmacokinetic Modeling of Acetylcholineâ€induced Contraction of Mouse Trachea. FASEB Journal, 2018, 32, 834.1. | 0.2 | 0 |
| 14 | Upregulation of RGS2: a new mechanism for pirfenidone amelioration of pulmonary fibrosis. Respiratory Research, 2016, 17, 103. | 1.4 | 24 |
| 15 | Phorbol myristate acetate suppresses breast cancer cell growth via down-regulation of P-Rex1 expression. Protein and Cell, 2016, 7, 445-449. | 4.8 | 9 |
| 16 | Regulator of G-Protein Signaling 2 Repression Exacerbates Airway Hyper-Responsiveness and Remodeling in Asthma. American Journal of Respiratory Cell and Molecular Biology, 2015, 53, 42-49. | 1.4 | 24 |
| 17 | RGS2 Repression Exacerbates Airway Hyperresponsiveness and Remodeling in Asthma. FASEB Journal, 2015, 29, 775.10. | 0.2 | 0 |
| 18 | An Efficient Synthesis of 4(5)-Benzyl-l-histidines Employing Catalytic Transfer Hydrogenolysis at Elevated Temperatures. Synthesis, 2014, 46, 515-521. | 1.2 | 4 |

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|---|---|---|---|
| 19 | Identification of upregulated phosphoinositide 3-kinase Î³ as a target to suppress breast cancer cell migration and invasion. Biochemical Pharmacology, 2013, 85, 1454-1462. | 2.0 | 25 |
| 20 | PKCÎµâ€mediated Pâ€Rex1 downregulation suppresses breast cancer cell proliferation. FASEB Journal, 2013, 27, 1096.10. | 0.2 | 0 |
| 21 | RGS2 repression increases susceptibility of mice to interleukinâ€•13â€induced airway hyperresponsiveness. FASEB Journal, 2013, 27, 1095.8. | 0.2 | 0 |
| 22 | Effects of hypoxia on regulators of Gâ€protein signaling 2 (RGS2) regulation of pulmonary arterial constriction. FASEB Journal, 2013, 27, 1141.3. | 0.2 | 0 |
| 23 | Targeting Phosphoinositide 3-Kinase Î³ in Airway Smooth Muscle Cells to Suppress Interleukin-13-Induced Mouse Airway Hyperresponsiveness. Journal of Pharmacology and Experimental Therapeutics, 2012, 342, 305-311. | 1.3 | 20 |
| 24 | Regulator of G protein signaling 2 is a key modulator of airway hyperresponsiveness. Journal of Allergy and Clinical Immunology, 2012, 130, 968-976.e3. | 1.5 | 40 |
| 25 | Î±â€Adrenoceptor Assays. Current Protocols in Pharmacology, 2012, 59, Unit 4.5. | 4.0 | 0 |
| 26 | Epigenetic repression of regulator of Gâ€protein signaling 2 promotes androgenâ€independent prostate cancer cell growth. International Journal of Cancer, 2012, 130, 1521-1531. | 2.3 | 42 |
| 27 | Regulator of G Protein Signaling 2 (RGS2) regulates pulmonary vasoconstriction. FASEB Journal, 2012, 26, 842.9. | 0.2 | 0 |
| 28 | Targeting phosphoinositide 3â€kinase Î³ in airway smooth muscle cells to suppress interleukinâ€13â€induced mouse airway hyperresponsiveness. FASEB Journal, 2012, 26, 667.4. | 0.2 | 0 |
| 29 | Epigenetic Regulation of Phosphatidylinositol 3,4,5-Triphosphate-dependent Rac Exchanger 1 Gene Expression in Prostate Cancer Cells. Journal of Biological Chemistry, 2011, 286, 25813-25822. | 1.6 | 28 |
| 30 | Protein kinase C (PKC) regulates phosphatidylinositolâ€3,4,5â€triphosphateâ€dependent Rac exchange factor 1 (Pâ€Rex1) gene expression through a histone deacetylase interaction with Sp1 in prostate cancer. FASEB Journal, 2011, 25, 1090.2. | 0.2 | 0 |
| 31 | DHHC proteinâ€dependent palmitoylation protects regulator of Gâ€protein signaling 4 from proteasome degradation. FEBS Letters, 2010, 584, 4570-4574. | 1.3 | 25 |
| 32 | Phosphoinositide 3-Kinase Î³ Regulates Airway Smooth Muscle Contraction by Modulating Calcium Oscillations. Journal of Pharmacology and Experimental Therapeutics, 2010, 334, 703-709. | 1.3 | 32 |
| 33 | GÎ²Î³ Signaling Promotes Breast Cancer Cell Migration and Invasion. Journal of Pharmacology and Experimental Therapeutics, 2010, 333, 393-403. | 1.3 | 58 |
| 34 | GÎ²Î³ Signaling Promotes Breast Cancer Cell Migration and Invasion. FASEB Journal, 2010, 24, 964.16. | 0.2 | 0 |
| 35 | Breast Cancer Migration and Invasion Depend on Proteasome Degradation of Regulator of G-Protein Signaling 4. Cancer Research, 2009, 69, 5743-5751. | 0.4 | 116 |
| 36 | Effect of interleukin 13 on bronchial hyperresponsiveness and the bronchoprotective effect of Î²-adrenergic bronchodilators and corticosteroids. Annals of Allergy, Asthma and Immunology, 2009, 102, 190-197. | 0.5 | 11 |

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|---|---|---|---|
| 37 | Characterization of the Î±1-adrenoceptor subtype activating extracellular signal-regulated kinase in submandibular gland acinar cells. European Journal of Pharmacology, 2008, 578, 349-358. | 1.7 | 10 |
| 38 | Salcatonin. , 2008, , 1-7. | | 0 |
| 39 | Pentoxifylline. , 2008, , 1-18. | | 3 |
| 40 | Expression of genes encoding antimicrobial and bradykinin-related peptides in skin of the stream brown frog Rana sakuraii. Peptides, 2007, 28, 505-514. | 1.2 | 51 |
| 41 | The role of voltage-gated potassium channels in the regulation of mouse uterine contractility. Reproductive Biology and Endocrinology, 2007, 5, 41. | 1.4 | 42 |
| 42 | Adrenomedullin. , 2007, , 1-7. | | 0 |
| 43 | Hyperkalemia. , 2007, , 1-4. | | 0 |
| 44 | Nâ€terminal bisâ€(2â€Chloroethyl)amino and Fluorosulphonyl Analogues of Calcitonin Geneâ€Related Peptide(8â€37): Irreversible Antagonists at Calcitonin Geneâ€Related Peptide Receptors. Chemical Biology and Drug Design, 2007, 70, 216-226. | 1.5 | 4 |
| 45 | Isoproterenol. , 2007, , 1-7. | | 0 |
| 46 | Compound 1. , 2007, , 1-4. | | 0 |
| 47 | BIBN4096BS. , 2007, , 1-5. | | 0 |
| 48 | Calcitonin Gene-Related Peptide. , 2007, , 1-4. | | 0 |
| 49 | Human alphaCGRP-8-37. , 2007, , 1-6. | | 0 |
| 50 | Pharmacological Characterization of Novel Î±-Calcitonin Gene-Related Peptide (CGRP) Receptor Peptide Antagonists That Are Selective for Human CGRP Receptors. Journal of Pharmacology and Experimental Therapeutics, 2006, 319, 749-757. | 1.3 | 16 |
| 51 | Expression of two poreâ€domain potassium channels in mouse myometrial cells. FASEB Journal, 2006, 20, A327. | 0.2 | 0 |
| 52 | Characterization of the Î± 1 â€adrenoceptor subtype (Î± 1 â€AR) and its signaling pathway for activation of ERK 1/2 in submandibular gland acinar cells. FASEB Journal, 2006, 20, A255. | 0.2 | 0 |
| 53 | Identification of a Rat RAMP2 Isoform. FASEB Journal, 2006, 20, A695. | 0.2 | 0 |
| 54 | Bradykinin-related peptides and tryptophyllins in the skin secretions of the most primitive extant frog, Ascaphus truei. General and Comparative Endocrinology, 2005, 143, 193-199. | 0.8 | 36 |

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|---|---|---|---|
| 55 | Submandibular Gland Acinar Cells Express Multiple Î±1-Adrenoceptor Subtypes. Journal of Pharmacology and Experimental Therapeutics, 2004, 311, 364-372. | 1.3 | 12 |
| 56 | Modifications to the N-Terminus but Not the C-Terminus of Calcitonin Gene-Related Peptide(8-37) Produce Antagonists with Increased Affinity. Journal of Medicinal Chemistry, 2003, 46, 2427-2435. | 2.9 | 22 |
| 57 | Tonic Inhibitory Role for cAMP in Î±1a-Adrenergic Receptor Coupling to Extracellular Signal-Regulated Kinases 1/2. Journal of Pharmacology and Experimental Therapeutics, 2002, 303, 247-256. | 1.3 | 17 |
| 58 | Relationship between Î±1-Adrenergic Receptor-Induced Contraction and Extracellular Signal-Regulated Kinase Activation in the Bovine Inferior Alveolar Artery. Journal of Pharmacology and Experimental Therapeutics, 2002, 303, 403-411. | 1.3 | 16 |
| 59 | Effects of Trout Endothelin on the Motility of Gastrointestinal Smooth Muscle from the Trout and Rat. General and Comparative Endocrinology, 2001, 123, 156-162. | 0.8 | 4 |
| 60 | Purification and characterization of antimicrobial and vasorelaxant peptides from skin extracts and skin secretions of the North American pig frog Rana grylio. Regulatory Peptides, 2000, 90, 53-60. | 1.9 | 53 |
| 61 | Structureâ˘Activity Studies on Position 14 of Human Î±-Calcitonin Gene-Related Peptide. Journal of Medicinal Chemistry, 1997, 40, 3071-3076. | 2.9 | 15 |
| 62 | Differential actions of lamprey peptide methionine-tyrosine at Y1 and Y2 neuropeptide Y receptors. Regulatory Peptides, 1994, 54, 489-493. | 1.9 | 1 |
| 63 | Neuropeptide ?-(l-9)-Peptide: A Major Product of the Posttranslational Processing of ?-Preprotachykinin in Rat Tissues. Journal of Neurochemistry, 1993, 61, 1231-1235. | 2.1 | 11 |
| 64 | Synthesis and biological activity of C-terminally truncated fragments of human-.alpha.-calcitonin gene-related peptide. Journal of Medicinal Chemistry, 1993, 36, 2536-2541. | 2.9 | 26 |
| 65 | Primary structure and pharmacological activity of a nonapeptide related to neuromedin U isolated from chicken intestine. Peptides, 1991, 12, 809-812. | 1.2 | 50 |
| 66 | Isolation, structural characterization and pharmacological activity of dog neuromedin U. Peptides, 1991, 12, 11-15. | 1.2 | 59 |
| 67 | Evidence that neuromedin U may regulate gut motility in reptiles but not in mammals. European Journal of Pharmacology, 1989, 171, 255-257. | 1.7 | 17 |
| 68 | Neuropeptide Y: vasoconstrictor effects and possible role in cerebral vasospasm after experimental subarachnoid hemorrhage. Brain Research, 1988, 463, 250-258. | 1.1 | 30 |
| 69 | High levels of NPY in rabbit cerebrospinal fluid and immunohistochemical analysis of possible sources. Brain Research, 1988, 463, 259-267. | 1.1 | 33 |
| 70 | Vasodilator drug effects on internal mammary artery and saphenous vein grafts. Journal of the American College of Cardiology, 1988, 11, 1317-1324. | 1.2 | 15 |
| 71 | Neuropeptide Y Potentiates Contraction and Inhibits Relaxation of Rabbit Coronary Arteries. Journal of Cardiovascular Pharmacology, 1987, 9, 675-681. | 0.8 | 74 |
| 72 | Vasopressin receptor mediated contraction and [3H]inositol metabolism in rat tail artery. European Journal of Pharmacology, 1987, 135, 1-10. | 1.7 | 14 |

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|---|---|---|---|
| 73 | Î±1Adrenoceptor subtypes linked to different mechanisms for increasing intracellular Ca2+ in smooth muscle. Nature, 1987, 329, 333-335. | 13.7 | 492 |
| 74 | Relationship of alpha-1 Adrenergic Receptor Occupancy to Tissue Response. Receptors, 1987, , 267-324. | 0.2 | 5 |
| 75 | Regulation of Î²-adrenoceptor density and function in rat vas deferens. European Journal of Pharmacology, 1986, 122, 221-229. | 1.7 | 6 |
| 76 | Contraction and Relaxation of Rabbit Basilar Artery by Thiopental. Neurosurgery, 1985, 17, 433-435. | 0.6 | 5 |
| 77 | Binding of agonists and antagonists to ?-adrenoceptors in rat vas deferens: relationship to functional response. Naunyn-Schmiedeberg's Archives of Pharmacology, 1985, 331, 324-333. | 1.4 | 19 |
| 78 | ? 1- and? 2-adrenoceptor binding and functional response in right and left atria of rat heart. Naunyn-Schmiedeberg's Archives of Pharmacology, 1985, 330, 193-202. | 1.4 | 98 |
| 79 | Activation of Î±1-adrenoceptors increases [3H]inositol metabolism in rat vas deferens and caudal artery. European Journal of Pharmacology, 1985, 116, 145-152. | 1.7 | 59 |
| 80 | Relationship between ?1-adrenoreceptor density and functional response of rat vas deferens. Naunyn-Schmiedeberg's Archives of Pharmacology, 1984, 327, 238-246. | 1.4 | 23 |
| 81 | Norepinephrine produces tension through electromechanical coupling in rabbit ear artery. European Journal of Pharmacology, 1981, 72, 87-91. | 1.7 | 29 |