

Debra A Schwinn

List of Publications by Year in descending order

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125
papers

6,504
citations

76196

40
h-index

69108

77
g-index

129
all docs

129
docs citations

129
times ranked

4611
citing authors

#	ARTICLE	IF	CITATIONS
1	Community and Academic Physicians Working Together in Integrated Health Care Systems. Mayo Clinic Proceedings Innovations, Quality & Outcomes, 2021, 5, 951-960.	1.2	4
2	<p>Putting students at the center: moving beyond time-variable one-size-fits-all medical education to true individualization</p>. Advances in Medical Education and Practice, 2019, Volume 10, 109-112.	0.7	4
3	Comprehensive history of 3-year and accelerated US medical school programs: a century in review. Medical Education Online, 2018, 23, 1530557.	1.1	20
4	Time-variable medical education innovation in context. Advances in Medical Education and Practice, 2018, Volume 9, 469-481.	0.7	2
5	EDUCATE TO TRANSFORM: THE ART OF DEVELOPING CURIOUS MINDS. Transactions of the American Clinical and Climatological Association, 2016, 127, 259-271.	0.9	1
6	Research in academic medical centers: Two threats to sustainable support. Science Translational Medicine, 2015, 7, 289fs22.	5.8	12
7	Fostering interprofessional teamwork in an academic medical center: Near-peer education for students during gross medical anatomy. Anatomical Sciences Education, 2015, 8, 331-337.	2.5	43
8	Temporal Dissection of Rate Limiting Transcriptional Events Using Pol II ChIP and RNA Analysis of Adrenergic Stress Gene Activation. PLoS ONE, 2015, 10, e0134442.	1.1	8
9	Alpha1a-Adrenoceptor Genetic Variant Triggers Vascular Smooth Muscle Cell Hyperproliferation and Agonist Induced Hypertrophy via EGFR Transactivation Pathway. PLoS ONE, 2015, 10, e0142787.	1.1	5
10	Alpha1a-adrenoceptor genetic variant induces cardiomyoblast-to-fibroblast-like cell transition via distinct signaling pathways. Cellular Signalling, 2014, 26, 1985-1997.	1.7	10
11	A History of Pharmacogenomics Related to Anesthesiology. , 2014, , 585-596.		0
12	Genotyping Without Phenotyping. Anesthesia and Analgesia, 2013, 116, 8-10.	1.1	6
13	Stimulation of Î±1a Adrenergic Receptors Induces Cellular Proliferation or Antiproliferative Hypertrophy Dependent Solely on Agonist Concentration. PLoS ONE, 2013, 8, e72430.	1.1	10
14	Understanding the TXA seizure connection. Journal of Clinical Investigation, 2012, 122, 4339-4341.	3.9	13
15	Genomic Medicine: Why Do "Similar" Patients Have Different Outcomes?. , 2012, 2012, 30-34.		0
16	Pharmacogenomics of Î²2-Adrenergic Receptor Physiology and Response to Î²2-Blockade. Anesthesia and Analgesia, 2011, 113, 1305-1318.	1.1	18
17	Case 4â€™2011 Malignant Hyperthermia in Cardiac Surgery. Journal of Cardiothoracic and Vascular Anesthesia, 2011, 25, 731-735.	0.6	3
18	Discovery of biomarker candidates for coronary artery disease from an APOEâ€™knock out mouse model using iTRAQâ€™based multiplex quantitative proteomics. Proteomics, 2011, 11, 2763-2776.	1.3	30

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19	Constitutive coupling of a naturally occurring human alpha1a-adrenergic receptor genetic variant to EGFR transactivation pathway. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 19796-19801.	3.3	25
20	Association of the 98T ELAM-1 Polymorphism With Increased Bleeding After Cardiac Surgery. Journal of Cardiothoracic and Vascular Anesthesia, 2010, 24, 427-433.	0.6	14
21	Novel Mechanism for Sympathetically Mediated Hypertension by Naturally Occurring Human Alpha1aAR Genetic Variant. FASEB Journal, 2010, 24, 701.7.	0.2	0
22	Metabolomic Profiling Reveals Distinct Patterns of Myocardial Substrate Use in Humans With Coronary Artery Disease or Left Ventricular Dysfunction During Surgical Ischemia/Reperfusion. Circulation, 2009, 119, 1736-1746.	1.6	146
23	The United States Critical Illness and Injury Trials Group: An Introduction. Journal of Trauma, 2009, 67, S159-S160.	2.3	5
24	Lipid rafts constrain basal α 1A-adrenergic receptor signaling by maintaining receptor in an inactive conformation. Cellular Signalling, 2009, 21, 1532-1539.	1.7	14
25	Genomics of Perioperative and Procedural Medicine. , 2009, , 794-805.		0
26	Pharmacogenomics and perioperative medicine – Implications for modern clinical practice. Canadian Journal of Anaesthesia, 2008, 55, 799-806.	0.7	7
27	Understanding the Transition to Acute Illness: The Promise of Perioperative Genomics. Journal of Cardiovascular Translational Research, 2008, 1, 171-173.	1.1	2
28	α 1A-Adrenoceptor subtypes and lower urinary tract symptoms. International Journal of Urology, 2008, 15, 193-199.	0.5	164
29	Pharmacogenomics and end-organ susceptibility to injury in the perioperative period. Bailliere's Best Practice and Research in Clinical Anaesthesiology, 2008, 22, 23-37.	1.7	10
30	Patients' Views on Identifiability of Samples and Informed Consent for Genetic Research. American Journal of Bioethics, 2008, 8, 62-70.	0.5	100
31	The α 1a-Adrenergic Receptor Occupies Membrane Rafts with Its G Protein Effectors but Internalizes via Clathrin-coated Pits. Journal of Biological Chemistry, 2008, 283, 2973-2985.	1.6	38
32	Relationship of Genetic Variability and Depressive Symptoms to Adverse Events After Coronary Artery Bypass Graft Surgery. Psychosomatic Medicine, 2008, 70, 953-959.	1.3	31
33	Limitations of Genetic Findings That Are Not in Hardy-Weinberg Equilibrium. Anesthesiology, 2008, 108, 338-338.	1.3	3
34	Epigenetic regulation of human α 1d adrenergic receptor gene expression: a role for DNA methylation in Spl-dependent regulation. FASEB Journal, 2007, 21, 1979-1993.	0.2	38
35	Genetic Variants in P-Selectin and C-Reactive Protein Influence Susceptibility to Cognitive Decline After Cardiac Surgery. Journal of the American College of Cardiology, 2007, 49, 1934-1942.	1.2	111
36	Alpha-adrenergic mRNA subtype expression in the human nasal turbinate. Canadian Journal of Anaesthesia, 2007, 54, 549-555.	0.7	11

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37	IL-8 α -Adrenergic Receptors and LUTS. Japanese Journal of Urology, 2007, 98, 61.	0.0	3
38	α 1-Adrenergic Receptor Antagonists and the Iris: New Mechanistic Insights into Floppy Iris Syndrome. Survey of Ophthalmology, 2006, 51, 501-512.	1.7	74
39	Anesthesiology Physician Scientists in Academic Medicine. Anesthesiology, 2006, 104, 170-178.	1.3	140
40	Genomics and proteomics. , 2006, , 71-78.		0
41	APOE polymorphism is associated with risk of severe sepsis in surgical patients*. Critical Care Medicine, 2005, 33, 2521-2526.	0.4	84
42	Genetic factors contribute to bleeding after cardiac surgery. Journal of Thrombosis and Haemostasis, 2005, 3, 1206-1212.	1.9	71
43	Association of genetic polymorphisms with risk of renal injury after coronary bypass graft surgery. American Journal of Kidney Diseases, 2005, 45, 519-530.	2.1	106
44	Differential cardiac gene expression during cardiopulmonary bypass: Ischemia-independent upregulation of proinflammatory genes. Journal of Thoracic and Cardiovascular Surgery, 2005, 130, 330-339.	0.4	30
45	Novel human α 1a-adrenoceptor single nucleotide polymorphisms alter receptor pharmacology and biological function. Naunyn-Schmiedeberg's Archives of Pharmacology, 2005, 371, 229-239.	1.4	35
46	Evidence That Phosphorylation of the RNA Polymerase II Carboxyl-terminal Repeats Is Similar in Yeast and Humans. Journal of Biological Chemistry, 2005, 280, 31368-31377.	1.6	46
47	Genetic Polymorphisms and the Risk of Stroke After Cardiac Surgery. Stroke, 2005, 36, 1854-1858.	1.0	84
48	Neuron specific α -adrenergic receptor expression in human cerebellum: Implications for emerging cerebellar roles in neurologic disease. Neuroscience, 2005, 135, 507-523.	1.1	35
49	α 1-Adrenergic Antagonists and Floppy Iris Syndrome: Tip of the Iceberg?. Ophthalmology, 2005, 112, 2059-2060.	2.5	38
50	CHARACTERISTICS OF A HUMAN PROSTATE STROMAL CELL LINE RELATED TO ITS USE IN A STROMAL-EPITHELIAL COCULTURE MODEL FOR THE STUDY OF CANCER CHEMOPREVENTION. In Vitro Cellular and Developmental Biology - Animal, 2005, 41, 142.	0.7	4
51	New Paradigms in Cardiovascular Medicine. Journal of the American College of Cardiology, 2005, 46, 1965-1977.	1.2	57
52	Cellular Trafficking of Human α 1a-Adrenergic Receptors Is Continuous and Primarily Agonist-Independent. Molecular Pharmacology, 2004, 66, 843-854.	1.0	59
53	Genomics and the circulation. British Journal of Anaesthesia, 2004, 93, 140-148.	1.5	14
54	Mechanistic insights into the role of α 1-adrenergic receptors in lower urinary tract symptoms. Current Prostate Reports, 2004, 2, 78-86.	0.1	1

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55	Mechanistic insights into the role of α_1 -adrenergic receptors in lower urinary tract symptoms. <i>Current Urology Reports</i> , 2004, 5, 258-266.	1.0	9
56	α_1 -Adrenoceptor Subtype Selectivity and Lower Urinary Tract Symptoms. <i>Mayo Clinic Proceedings</i> , 2004, 79, 1423-1434.	1.4	36
57	α_1 -Adrenergic Receptors and Their Inhibitors in Lower Urinary Tract Symptoms and Benign Prostatic Hyperplasia. <i>Journal of Urology</i> , 2004, 171, 1029-1035.	0.2	251
58	EFFECTS OF α_1 -ADRENERGIC RECEPTOR SUBTYPE SELECTIVE ANTAGONISTS ON LOWER URINARY TRACT FUNCTION IN RATS WITH BLADDER OUTLET OBSTRUCTION. <i>Journal of Urology</i> , 2004, 172, 758-762.	0.2	35
59	Update on human α -adrenoceptor subtype signaling and genomic organization. <i>Trends in Pharmacological Sciences</i> , 2004, 25, 449-455.	4.0	75
60	Metoprolol and Coronary Artery Bypass Grafting Surgery: Does Intraoperative Metoprolol Attenuate Acute α -Adrenergic Receptor Desensitization During Cardiac Surgery?. <i>Anesthesia and Analgesia</i> , 2004, 98, 1224-1231.	1.1	8
61	Cloning and Characterization of the Rat α_1a -Adrenergic Receptor Gene Promoter. <i>Journal of Biological Chemistry</i> , 2003, 278, 8693-8705.	1.6	15
62	High Spinal Anesthesia for Cardiac Surgery. <i>Anesthesiology</i> , 2003, 98, 499-510.	1.3	67
63	Cardiopulmonary Bypass Decreases G Protein-Coupled Receptor Kinase Activity and Expression in Human Peripheral Blood Mononuclear Cells. <i>Anesthesiology</i> , 2003, 98, 343-348.	1.3	18
64	Acute Agonist-mediated Desensitization of the Human α_1a -Adrenergic Receptor Is Primarily Independent of Carboxyl Terminus Regulation. <i>Journal of Biological Chemistry</i> , 2002, 277, 9570-9579.	1.6	44
65	Esmolol Improves Left Ventricular Function via Enhanced α_2 -Adrenergic Receptor Signaling in a Canine Model of Coronary Revascularization. <i>Anesthesiology</i> , 2002, 97, 162-169.	1.3	27
66	Neuroprotection is associated with α -adrenergic receptor antagonists during cardiac surgery: Evidence from 2,575 patients. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2002, 16, 270-277.	0.6	59
67	MODULATION OF BLADDER α_1 -ADRENERGIC RECEPTOR SUBTYPE EXPRESSION BY BLADDER OUTLET OBSTRUCTION. <i>Journal of Urology</i> , 2002, 167, 1513-1521.	0.2	169
68	Genetics Infuses New Life into Human Physiology. <i>Anesthesiology</i> , 2002, 96, 261-263.	1.3	20
69	MODULATION OF BLADDER α_1 -ADRENERGIC RECEPTOR SUBTYPE EXPRESSION BY BLADDER OUTLET OBSTRUCTION. <i>Journal of Urology</i> , 2002, , 1513-1521.	0.2	9
70	Modulation of bladder α_1 -adrenergic receptor subtype expression by bladder outlet obstruction. <i>Journal of Urology</i> , 2002, 167, 1513-21.	0.2	41
71	Genetic predictors of perioperative neurological and cognitive injury and recovery. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2001, 15, 247-276.	1.7	4
72	α_1 -Adrenergic receptor regulation: basic science and clinical implications. , 2000, 88, 281-309.		211

#	ARTICLE	IF	CITATIONS
73	Endogenous Circulating Sympatholytic Factor in Orthostatic Intolerance. <i>Hypertension</i> , 2000, 36, 553-560.	1.3	7
74	β_2 -Adrenergic and Several Other G Protein-Coupled Receptors in Human Atrial Membranes Activate Both G_s and G_i . <i>Circulation Research</i> , 2000, 87, 705-709.	2.0	138
75	IMMORTALIZATION OF A HUMAN PROSTATE STROMAL CELL LINE USING A RECOMBINANT RETROVIRAL APPROACH. <i>Journal of Urology</i> , 2000, 164, 2145-2150.	0.2	14
76	Subtype Specific Regulation of Human Vascular β_1 -Adrenergic Receptors by Vessel Bed and Age. <i>Circulation</i> , 1999, 100, 2336-2343.	1.6	265
77	β_1 -Adrenergic receptors in human spinal cord: specific localized expression of mRNA encoding β_1 -adrenergic receptor subtypes at four distinct levels. <i>Molecular Brain Research</i> , 1999, 63, 254-261.	2.5	176
78	ACTIVATION OF EXTRACELLULAR SIGNAL-REGULATED KINASE IN HUMAN PROSTATE CANCER. <i>Journal of Urology</i> , 1999, 162, 1537-1542.	0.2	113
79	CHARACTERIZATION OF β -ADRENOCEPTOR SUBTYPES IN THE CORPUS CAVERNOSUM OF PATIENTS UNDERGOING SEX CHANGE SURGERY. <i>Journal of Urology</i> , 1999, 162, 1793-1799.	0.2	32
80	Molecular Pharmacology of Human α_1 -Adrenergic Receptors: Unique Features of the α_{1a} -Subtype. <i>European Urology</i> , 1999, 36, 7-10.	0.9	29
81	CHARACTERIZATION OF β -ADRENOCEPTOR SUBTYPES IN THE CORPUS CAVERNOSUM OF PATIENTS UNDERGOING SEX CHANGE SURGERY. <i>Journal of Urology</i> , 1999, , 1793.	0.2	4
82	New developments in cardiovascular adrenergic receptor pharmacology: Molecular mechanisms and clinical relevance. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 1998, 12, 80-95.	0.6	30
83	α_1 -ADRENERGIC RECEPTOR SUBTYPES IN HUMAN DETRUSOR. <i>Journal of Urology</i> , 1998, 160, 937-943.	0.2	241
84	Multiple Potential Regulatory Elements in the 5' Flanking Region of the Human α_1 -Adrenergic Receptor: Short Communication. <i>DNA Sequence</i> , 1998, 8, 271-276.	0.7	15
85	Characterization of GRK2-Catalyzed Phosphorylation of the Human Substance P Receptor in Sf9 Membranes. <i>Biochemistry</i> , 1998, 37, 1192-1198.	1.2	25
86	Acute Depression of Myocardial β_2 -Adrenergic Receptor Signaling during Cardiopulmonary Bypass. <i>Anesthesiology</i> , 1998, 89, 602-611.	1.3	39
87	Transcriptional regulation of α_1 adrenergic receptors. <i>Frontiers in Bioscience - Landmark</i> , 1998, 3, d348-353.	3.0	5
88	α_1 -ADRENERGIC RECEPTOR SUBTYPES IN HUMAN DETRUSOR. <i>Journal of Urology</i> , 1998, 160, 937-943.	0.2	69
89	Transcriptional Regulation of the Human α_{1a} -Adrenergic Receptor Gene. <i>Journal of Biological Chemistry</i> , 1997, 272, 28237-28246.	1.6	33
90	Effect of Chronic and Acute Thyroid Hormone Reduction on Perioperative Outcome. <i>Anesthesia and Analgesia</i> , 1997, 85, 30-36.	1.1	16

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91	$\hat{1}\pm 1$ -Adrenoceptor Subtypes in the Human Cardiovascular and Urogenital Systems. <i>Advances in Pharmacology</i> , 1997, 42, 390-394.	1.2	7
92	Effect of Chronic and Acute Thyroid Hormone Reduction on Perioperative Outcome. <i>Anesthesia and Analgesia</i> , 1997, 85, 30-36.	1.1	34
93	In situ hybridization: identification of rare mRNAs in human tissues. <i>Brain Research Protocols</i> , 1997, 1, 175-185.	1.7	9
94	Cardiopulmonary bypass and circulatory arrest increase endothelin-1 production and receptor expression in the lung. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1997, 113, 777-783.	0.4	29
95	Pharmacology of tamsulosin: Saturation-binding isotherms and competition analysis using cloned $\hat{1}\pm 1$ -adrenergic receptor subtypes. , 1997, 33, 55-59.		90
96	Pharmacology of tamsulosin: Saturation-binding isotherms and competition analysis using cloned $\hat{1}\pm 1$ -adrenergic receptor subtypes. , 1997, 33, 55.		2
97	Effects of androgen deprivation on prostate alpha1-adrenergic receptors. <i>Urology</i> , 1996, 48, 335-341.	0.5	17
98	Molecular Biology and Medicine. <i>Anesthesiology</i> , 1996, 85, 1462-1478..	1.3	6
99	Effects of cardiopulmonary bypass and circulatory arrest on endothelium-dependent vasodilatation in the lung. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1996, 111, 1248-1256.	0.4	61
100	Hypotension Resistant to Therapy with alpha Receptor Agonists Complicating Cardiopulmonary Bypass. <i>Anesthesia and Analgesia</i> , 1996, 82, 1082-1085.	1.1	12
101	Do Not Resuscitate (DNR) Orders During Surgery. <i>Anesthesia and Analgesia</i> , 1995, 80, 806-809.	1.1	37
102	Desensitization of myocardial $\hat{1}^2$ -adrenergic receptors and deterioration of left ventricular function after brain death. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1995, 110, 746-751.	0.4	70
103	Distribution of $\hat{1}^2$ -adrenoceptor mRNA in human tissues. <i>European Journal of Pharmacology</i> , 1995, 289, 223-228.	2.7	146
104	Classification of $\hat{1}^1$ -adrenoceptor subtypes. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1995, 352, 1-10.	1.4	143
105	$\hat{1}\pm 2$ -Adrenergic receptors in human spinal cord: specific localized expression of mRNA encoding $\hat{1}\pm 2$ -adrenergic receptor subtypes at four distinct levels. <i>Molecular Brain Research</i> , 1995, 34, 109-117.	2.5	96
106	Immunoaffinity Purification of Epitope-Tagged Human $\hat{1}^2$ -Adrenergic Receptor to Homogeneity. <i>Protein Expression and Purification</i> , 1995, 6, 717-721.	0.6	16
107	Adrenergic Receptors: Unique Localization in Human Tissues. <i>Advances in Pharmacology</i> , 1994, 31, 333-341.	1.2	12
108	Localization of Messenger RNA for Three Distinct $\hat{1}\pm 2$ -Adrenergic Receptor Subtypes in Human Tissues. <i>Anesthesiology</i> , 1994, 81, 1235-1244.	1.3	71

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109	Acute myelogenous leukemia: implications of acute blast crisis and cardiopulmonary bypass. Journal of Cardiothoracic and Vascular Anesthesia, 1993, 7, 455-457.	0.6	2
110	ADRENOCEPTORS AS MODELS FOR G PROTEIN-COUPLED RECEPTORS: STRUCTURE, FUNCTION AND REGULATION. British Journal of Anaesthesia, 1993, 71, 77-85.	1.5	27
111	Structural basis for receptor subtype-specific regulation revealed by a chimeric beta 3/beta 2-adrenergic receptor.. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 3665-3669.	3.3	214
112	Identification, Quantification, and Localization of mRNA for Three Distinct Alpha₁Adrenergic Receptor Subtypes in Human Prostate. Journal of Urology, 1993, 150, 546-551.	0.2	310
113	A two-allele PstI RFLP for the alpha-1C adrenergic receptor gene (ADRA1C). Human Molecular Genetics, 1992, 1, 349-349.	1.4	15
114	Long-term agonist exposure induces upregulation of beta 3-adrenergic receptor expression via multiple cAMP response elements.. Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 4490-4494.	3.3	113
115	Management of a difficult intubation during acute myocardial ischemia following a failed angioplasty. Journal of Cardiothoracic and Vascular Anesthesia, 1992, 6, 335-337.	0.6	0
116	Pharmacologic characterization of cloned Î±1-adrenoceptor subtypes: selective antagonists suggest the existence of a fourth subtype. European Journal of Pharmacology, 1992, 227, 433-436.	2.7	105
117	New advances in receptor pharmacology. Current Opinion in Anaesthesiology, 1991, 4, 486-496.	0.9	1
118	??-Adrenergic Receptor Function in Surgical Patients. Anesthesia and Analgesia, 1991, 72, 412.	1.1	0
119	Multiple potential regulatory elements in the 5' flanking region of the Î²2-adrenergic receptor. DNA Sequence, 1991, 2, 61-63.	0.7	21
120	Desensitization of myocardial beta-adrenergic receptors during cardiopulmonary bypass. Evidence for early uncoupling and late downregulation.. Circulation, 1991, 84, 2559-2567.	1.6	116
121	Isoflurane-Induced Vasodilation. Anesthesia and Analgesia, 1990, 71, 451-459.	1.1	45
122	<math>\alpha</math>-Adrenergic Responsiveness during Coronary Artery Bypass Surgery. Anesthesiology, 1988, 69, 206-217.	1.3	22
123	Molecular cloning and expression of the cDNA for the hamster alpha 1-adrenergic receptor.. Proceedings of the National Academy of Sciences of the United States of America, 1988, 85, 7159-7163.	3.3	477
124	Postoperative Complications due to Paradoxical Vocal Cord Motion. Anesthesiology, 1987, 66, 686-687.	1.3	34
125	Adrenergic receptor alpha 1a. The AFCS-nature Molecule Pages, 0, , .	0.2	0