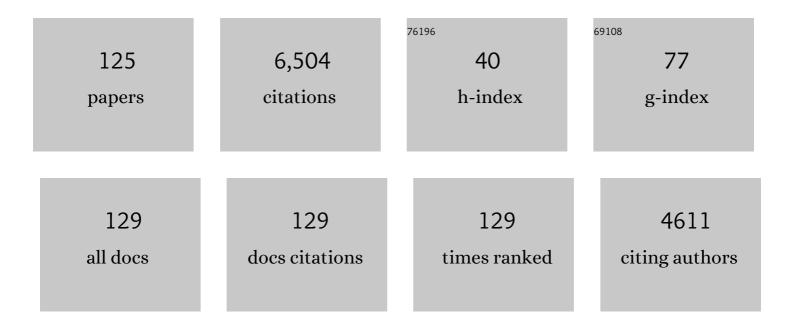
List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	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
2	ldentification, Quantification, and Localization of mRNA for Three Distinct Alpha <sub>1</sub> Adrenergic Receptor Subtypes in Human Prostate. Journal of Urology, 1993, 150, 546-551.	0.2	310
3	Subtype Specific Regulation of Human Vascular α <sub>1</sub> -Adrenergic Receptors by Vessel Bed and Age. Circulation, 1999, 100, 2336-2343.	1.6	265
4	α1-Adrenergic Receptors and Their Inhibitors in Lower Urinary Tract Symptoms and Benign Prostatic Hyperplasia. Journal of Urology, 2004, 171, 1029-1035.	0.2	251
5	alpha 1-ADRENERGIC RECEPTOR SUBTYPES IN HUMAN DETRUSOR. Journal of Urology, 1998, 160, 937-943.	0.2	241
6	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
7	$\hat{I}\pm 1$ -Adrenergic receptor regulation: basic science and clinical implications. , 2000, 88, 281-309.		211
8	α1-Adrenergic receptors in human spinal cord: specific localized expression of mRNA encoding α1-adrenergic receptor subtypes at four distinct levels. Molecular Brain Research, 1999, 63, 254-261.	2.5	176
9	MODULATION OF BLADDER α1-ADRENERGIC RECEPTOR SUBTYPE EXPRESSION BY BLADDER OUTLET OBSTRUCTION. Journal of Urology, 2002, 167, 1513-1521.	0.2	169
10	α <sub>1</sub> â€Adrenoceptor subtypes and lower urinary tract symptoms. International Journal of Urology, 2008, 15, 193-199.	0.5	164
11	Distribution of β3-adrenoceptor mRNA in human tissues. European Journal of Pharmacology, 1995, 289, 223-228.	2.7	146
12	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
13	Classification of ?1-adrenoceptor subtypes. Naunyn-Schmiedeberg's Archives of Pharmacology, 1995, 352, 1-10.	1.4	143
14	Anesthesiology Physician Scientists in Academic Medicine. Anesthesiology, 2006, 104, 170-178.	1.3	140
15	β <sub>2</sub> -Adrenergic and Several Other G Protein–Coupled Receptors in Human Atrial Membranes Activate Both G <sub>s</sub> and G <sub>i</sub> . Circulation Research, 2000, 87, 705-709.	2.0	138
16	Desensitization of myocardial beta-adrenergic receptors during cardiopulmonary bypass. Evidence for early uncoupling and late downregulation Circulation, 1991, 84, 2559-2567.	1.6	116
17	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
18	ACTIVATION OF EXTRACELLULAR SIGNAL-REGULATED KINASE IN HUMAN PROSTATE CANCER. Journal of Urology, 1999, 162, 1537-1542.	0.2	113

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19	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
20	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
21	Pharmacologic characterization of cloned α1-adrenoceptor subtypes: selective antagonists suggest the existence of a fourth subtype. European Journal of Pharmacology, 1992, 227, 433-436.	2.7	105
22	Patients' Views on Identifiability of Samples and Informed Consent for Genetic Research. American Journal of Bioethics, 2008, 8, 62-70.	0.5	100
23	α2-Adrenergic receptors in human spinal cord: specific localized expression of mRNA encoding α2-adrenergic receptor subtypes at four distinct levels. Molecular Brain Research, 1995, 34, 109-117.	2.5	96
24	Pharmacology of tamsulosin: Saturation-binding isotherms and competition analysis using cloned α1-adrenergic receptor subtypes. , 1997, 33, 55-59.		90
25	APOE polymorphism is associated with risk of severe sepsis in surgical patients*. Critical Care Medicine, 2005, 33, 2521-2526.	0.4	84
26	Genetic Polymorphisms and the Risk of Stroke After Cardiac Surgery. Stroke, 2005, 36, 1854-1858.	1.0	84
27	Update on human ?-adrenoceptor subtype signaling and genomic organization. Trends in Pharmacological Sciences, 2004, 25, 449-455.	4.0	75
28	α1-Adrenergic Receptor Antagonists and the Iris: New Mechanistic Insights into Floppy Iris Syndrome. Survey of Ophthalmology, 2006, 51, 501-512.	1.7	74
29	Localization of Messenger RNA for Three Distinct α2-Adrenergic Receptor Subtypes in Human Tissues. Anesthesiology, 1994, 81, 1235-1244.	1.3	71
30	Genetic factors contribute to bleeding after cardiac surgery. Journal of Thrombosis and Haemostasis, 2005, 3, 1206-1212.	1.9	71
31	Desensitization of myocardial Î <sup>2</sup> -adrenergic receptors and deterioration of left ventricular function after brain death. Journal of Thoracic and Cardiovascular Surgery, 1995, 110, 746-751.	0.4	70
32	alpha1-ADRENERGIC RECEPTOR SUBTYPES IN HUMAN DETRUSOR. Journal of Urology, 1998, 160, 937-943.	0.2	69
33	High Spinal Anesthesia for Cardiac Surgery. Anesthesiology, 2003, 98, 499-510.	1.3	67
34	Effects of cardiopulmonary bypass and circulatory arrest on endothelium-dependent vasodilatation in the lung. Journal of Thoracic and Cardiovascular Surgery, 1996, 111, 1248-1256.	0.4	61
35	Neuroprotection is associated with β-adrenergic receptor antagonists during cardiac surgery: Evidence from 2,575 patients. Journal of Cardiothoracic and Vascular Anesthesia, 2002, 16, 270-277.	0.6	59
36	Cellular Trafficking of Human α1a-Adrenergic Receptors Is Continuous and Primarily Agonist-Independent. Molecular Pharmacology, 2004, 66, 843-854.	1.0	59

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37	New Paradigms in Cardiovascular Medicine. Journal of the American College of Cardiology, 2005, 46, 1965-1977.	1.2	57
38	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
39	Isoflurane-Induced Vasodilation. Anesthesia and Analgesia, 1990, 71, 451???459.	1.1	45
40	Acute Agonist-mediated Desensitization of the Human α1a-Adrenergic Receptor Is Primarily Independent of Carboxyl Terminus Regulation. Journal of Biological Chemistry, 2002, 277, 9570-9579.	1.6	44
41	Fostering interprofessional teamwork in an academic medical center: Nearâ€peer education for students during gross medical anatomy. Anatomical Sciences Education, 2015, 8, 331-337.	2.5	43
42	Modulation of bladder alpha1-adrenergic receptor subtype expression by bladder outlet obstruction. Journal of Urology, 2002, 167, 1513-21.	0.2	41
43	Acute Depression of Myocardial β-Adrenergic Receptor Signaling during Cardiopulmonary Bypass. Anesthesiology, 1998, 89, 602-611	1.3	39
44	α1-Adrenergic Antagonists and Floppy Iris Syndrome: Tip of the Iceberg?. Ophthalmology, 2005, 112, 2059-2060.	2.5	38
45	Epigenetic regulation of human α 1d â€adrenergic receptor gene expression: a role for DNA methylation in Splâ€dependent regulation. FASEB Journal, 2007, 21, 1979-1993.	0.2	38
46	The α1a-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
47	Do Not Resuscitate (DNR) Orders During Surgery. Anesthesia and Analgesia, 1995, 80, 806-809.	1.1	37
48	α1-Adrenoceptor Subtype Selectivity and Lower Urinary Tract Symptoms. Mayo Clinic Proceedings, 2004, 79, 1423-1434.	1.4	36
49	EFFECTS OF $\hat{I} \pm 1$ -ADRENERGIC RECEPTOR SUBTYPE SELECTIVE ANTAGONISTS ON LOWER URINARY TRACT FUNCTION IN RATS WITH BLADDER OUTLET OBSTRUCTION. Journal of Urology, 2004, 172, 758-762.	0.2	35
50	Novel human α1a-adrenoceptor single nucleotide polymorphisms alter receptor pharmacology and biological function. Naunyn-Schmiedeberg's Archives of Pharmacology, 2005, 371, 229-239.	1.4	35
51	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
52	Postoperative Complications due to Paradoxical Vocal Cord Motion. Anesthesiology, 1987, 66, 686-687.	1.3	34
53	Effect of Chronic and Acute Thyroid Hormone Reduction on Perioperative Outcome. Anesthesia and Analgesia, 1997, 85, 30-36.	1.1	34
54	Transcriptional Regulation of the Human α1a-Adrenergic Receptor Gene. Journal of Biological Chemistry, 1997, 272, 28237-28246.	1.6	33

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55	CHARACTERIZATION OF $\hat{I}\pm$ -ADRENOCEPTOR SUBTYPES IN THE CORPUS CAVERNOSUM OF PATIENTS UNDERGOING SEX CHANGE SURGERY. Journal of Urology, 1999, 162, 1793-1799.	0.2	32
56	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
57	New developments in cardiovascular adrenergic receptor pharmacology: Molecular mechanisms and clinical relevance. Journal of Cardiothoracic and Vascular Anesthesia, 1998, 12, 80-95.	0.6	30
58	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
59	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
60	Cardiopulmonary bypass and circulatory arrest increase endothelin-1 production and receptor expression in the lung. Journal of Thoracic and Cardiovascular Surgery, 1997, 113, 777-783.	0.4	29
61	Molecular Pharmacology of Human α <sub>1</sub> -Adrenergic Receptors:Unique Features of the α <sub>1a</sub> -Subtype. European Urology, 1999, 36, 7-10.	0.9	29
62	ADRENOCEPTORS AS MODELS FOR G PROTEIN-COUPLED RECEPTORS: STRUCTURE, FUNCTION AND REGULATION. British Journal of Anaesthesia, 1993, 71, 77-85.	1.5	27
63	Esmolol Improves Left Ventricular Function via Enhanced β-Adrenergic Receptor Signaling in a Canine Model of Coronary Revascularization. Anesthesiology, 2002, 97, 162-169.	1.3	27
64	Characterization of GRK2-Catalyzed Phosphorylation of the Human Substance P Receptor in Sf9 Membranesâ€. Biochemistry, 1998, 37, 1192-1198.	1.2	25
65	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
66	<α>1-Adrenergic Responsiveness during Coronary Artery Bypass Surgery. Anesthesiology, 1988, 69, 206-217.	1.3	22
67	Multiple potential regulatory elements in the 5′ flanking region of the β-adrenergic receptor. DNA Sequence, 1991, 2, 61-63.	0.7	21
68	Comprehensive history of 3-year and accelerated US medical school programs: a century in review. Medical Education Online, 2018, 23, 1530557.	1.1	20
69	Genetics Infuses New Life into Human Physiology. Anesthesiology, 2002, 96, 261-263.	1.3	20
70	Cardiopulmonary Bypass Decreases G Protein–Coupled Receptor Kinase Activity and Expression in Human Peripheral Blood Mononuclear Cells. Anesthesiology, 2003, 98, 343-348.	1.3	18
71	Pharmacogenomics of β-Adrenergic Receptor Physiology and Response to β-Blockade. Anesthesia and Analgesia, 2011, 113, 1305-1318.	1.1	18
72	Effects of androgen deprivation on prostate alpha1-adrenergic receptors. Urology, 1996, 48, 335-341.	0.5	17

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73	Immunoaffinity Purification of Epitope-Tagged Human β2-Adrenergic Receptor to Homogeneity. Protein Expression and Purification, 1995, 6, 717-721.	0.6	16
74	Effect of Chronic and Acute Thyroid Hormone Reduction on Perioperative Outcome. Anesthesia and Analgesia, 1997, 85, 30-36.	1.1	16
75	A two-allele Pstl RFLP for the alpha-1C adrenergic receptor gene (ADRA1C). Human Molecular Genetics, 1992, 1, 349-349.	1.4	15
76	Multiple Potential Regulatory Elements in the 5′ Flanking Region of the Human al,-Adrenergic Receptor:Short Communication. DNA Sequence, 1998, 8, 271-276.	0.7	15
77	Cloning and Characterization of the Rat α1a-Adrenergic Receptor Gene Promoter. Journal of Biological Chemistry, 2003, 278, 8693-8705.	1.6	15
78	IMMORTALIZATION OF A HUMAN PROSTATE STROMAL CELL LINE USING A RECOMBINANT RETROVIRAL APPROACH. Journal of Urology, 2000, 164, 2145-2150.	0.2	14
79	Genomics and the circulation. British Journal of Anaesthesia, 2004, 93, 140-148.	1.5	14
80	Lipid rafts constrain basal α1A-adrenergic receptor signaling by maintaining receptor in an inactive conformation. Cellular Signalling, 2009, 21, 1532-1539.	1.7	14
81	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
82	Understanding the TXA seizure connection. Journal of Clinical Investigation, 2012, 122, 4339-4341.	3.9	13
83	Adrenergic Receptors: Unique Localization in Human Tissues. Advances in Pharmacology, 1994, 31, 333-341.	1.2	12
84	Hypotension Resistant to Therapy with alpha Receptor Agonists Complicating Cardiopulmonary Bypass. Anesthesia and Analgesia, 1996, 82, 1082-1085.	1.1	12
85	Research in academic medical centers: Two threats to sustainable support. Science Translational Medicine, 2015, 7, 289fs22.	5.8	12
86	Alpha-adrenergic mRNA subtype expression in the human nasal turbinate. Canadian Journal of Anaesthesia, 2007, 54, 549-555.	0.7	11
87	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
88	Stimulation of α1a Adrenergic Receptors Induces Cellular Proliferation or Antiproliferative Hypertrophy Dependent Solely on Agonist Concentration. PLoS ONE, 2013, 8, e72430.	1.1	10
89	Alpha1a-adrenoceptor genetic variant induces cardiomyoblast-to-fibroblast-like cell transition via distinct signaling pathways. Cellular Signalling, 2014, 26, 1985-1997.	1.7	10
90	In situ hybridization: identification of rare mRNAs in human tissues. Brain Research Protocols, 1997, 1, 175-185.	1.7	9

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91	Mechanistic insights into the role of $\hat{i}\pm 1$ -adrenergic receptors in lower urinary tract symptoms. Current Urology Reports, 2004, 5, 258-266.	1.0	9
92	MODULATION OF BLADDER ??1-ADRENERGIC RECEPTOR SUBTYPE EXPRESSION BY BLADDER OUTLET OBSTRUCTION. Journal of Urology, 2002, , 1513-1521.	0.2	9
93	Metoprolol and Coronary Artery Bypass Grafting Surgery: Does Intraoperative Metoprolol Attenuate Acute ??-Adrenergic Receptor Desensitization During Cardiac Surgery?. Anesthesia and Analgesia, 2004, 98, 1224-1231.	1.1	8
94	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
95	α1,-Adrenoceptor Subtypes in the Human Cardiovascular and Urogenital Systems. Advances in Pharmacology, 1997, 42, 390-394.	1.2	7
96	Endogenous Circulating Sympatholytic Factor in Orthostatic Intolerance. Hypertension, 2000, 36, 553-560.	1.3	7
97	Pharmacogenomics and perioperative medicine — Implications for modern clinical practice. Canadian Journal of Anaesthesia, 2008, 55, 799-806.	0.7	7
98	Molecular Biology and Medicine. Anesthesiology, 1996, 85, 1462-1478	1.3	6
99	Genotyping Without Phenotyping. Anesthesia and Analgesia, 2013, 116, 8-10.	1.1	6
100	Transcriptional regulation of alpha-1 adrenergic receptors. Frontiers in Bioscience - Landmark, 1998, 3, d348-353.	3.0	5
101	The United States Critical Illness and Injury Trials Group: An Introduction. Journal of Trauma, 2009, 67, S159-S160.	2.3	5
102	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
103	Genetic predictors of perioperative neurological and cognitive injury and recovery. Bailliere's Best Practice and Research in Clinical Anaesthesiology, 2001, 15, 247-276.	1.7	4
104	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
105	<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
106	Community and Academic Physicians Working Together in Integrated Health CareÂSystems. Mayo Clinic Proceedings Innovations, Quality & Outcomes, 2021, 5, 951-960.	1.2	4
107	CHARACTERIZATION OF ??-ADRENOCEPTOR SUBTYPES IN THE CORPUS CAVERNOSUM OF PATIENTS UNDERGOING SEX CHANGE SURGERY. Journal of Urology, 1999, , 1793.	0.2	4
108	Case 4—2011 Malignant Hyperthermia in Cardiac Surgery. Journal of Cardiothoracic and Vascular Anesthesia, 2011, 25, 731-735.	0.6	3

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109	Limitations of Genetic Findings That Are Not in Hardy-Weinberg Equilibrium. Anesthesiology, 2008, 108, 338-338.	1.3	3
110	IL-8 α <sub>1</sub> -Adrenergic Receptors and LUTS. Japanese Journal of Urology, 2007, 98, 61.	0.0	3
111	Acute myelogenous leukemia: implications of acute blast crisis and cardiopulmonary bypass. Journal of Cardiothoracic and Vascular Anesthesia, 1993, 7, 455-457.	0.6	2
112	Understanding the Transition to Acute Illness: The Promise of Perioperative Genomics. Journal of Cardiovascular Translational Research, 2008, 1, 171-173.	1.1	2
113	Time-variable medical education innovation in context. Advances in Medical Education and Practice, 2018, Volume 9, 469-481.	0.7	2
114	Pharmacology of tamsulosin: Saturation-binding isotherms and competition analysis using cloned $\hat{l}\pm 1$ -adrenergic receptor subtypes. , 1997, 33, 55.		2
115	New advances in receptor pharmacology. Current Opinion in Anaesthesiology, 1991, 4, 486-496.	0.9	1
116	Mechanistic insights into the role of $\hat{l}\pm 1$ -adrenergic receptors in lower urinary tract symptoms. Current Prostate Reports, 2004, 2, 78-86.	0.1	1
117	EDUCATE TO TRANSFORM: THE ART OF DEVELOPING CURIOUS MINDS. Transactions of the American Clinical and Climatological Association, 2016, 127, 259-271.	0.9	1
118	??-Adrenergic Receptor Function in Surgical Patients. Anesthesia and Analgesia, 1991, 72, 412.	1.1	0
119	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
120	Genomics and proteomics. , 2006, , 71-78.		0
121	Adrenergic receptor alpha 1a. The AFCS-nature Molecule Pages, 0, , .	0.2	0
122	Genomics of Perioperative and Procedural Medicine. , 2009, , 794-805.		0
123	Novel Mechanism for Sympatheticallyâ€Mediated Hypertension by Naturally Occurring Human Alpha1aAR Genetic Variant. FASEB Journal, 2010, 24, 701.7.	0.2	0
124	A History of Pharmacogenomics Related to Anesthesiology. , 2014, , 585-596.		0
125	Genomic Medicine: Why Do "Similar" Patients Have Different Outcomes?. , 2012, 2012, 30-34.		Ο