

# Theodore A Alston

## List of Publications by Year in descending order

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120  
papers

767  
citations

566801

15  
h-index

642321

23  
g-index

126  
all docs

126  
docs citations

126  
times ranked

637  
citing authors

#	ARTICLE	IF	CITATIONS
1	Unlucky bleeding: factor XIII. <i>Minerva Anesthesiologica</i> , 2022, 88, .	0.6	1
2	Freshly Isolated Mitochondria as Therapeutic Agents in Sepsis: Can They Go Home Again?*. <i>Critical Care Medicine</i> , 2021, 49, 1584-1587.	0.4	1
3	Henry Jacob Bigelow Inhaled Nitrous Oxide While an Undergraduate at Harvard College. <i>Journal of Anesthesia History</i> , 2020, 6, 1-7.	0.2	1
4	Anesthesia-related Ramifications of Benjamin Franklin's Ether-based Refrigeration. <i>Journal of Anesthesia History</i> , 2020, 6, 29-34.	0.2	0
5	Kety-Schmidt Application of Nitrous Oxide to Determine Cerebral Blood Flow. <i>Journal of Anesthesia History</i> , 2020, 6, 98-100.	0.2	0
6	Burnett's "Cocaine" for dandruff. <i>Journal of Anesthesia History</i> , 2020, 6, 172-173.	0.2	0
7	Oxygen Was Almost Named Nitrogen. <i>Journal of Anesthesia History</i> , 2020, 6, 96-97.	0.2	0
8	Eponymous plot of Richard J. Kitz and Irwin B. Wilson in biochemistry. <i>Journal of Anesthesia History</i> , 2020, 6, 3-4.	0.2	0
9	Berend Mets. <i>Journal of Anesthesia History</i> , 2020, 6, 1-2.	0.2	1
10	Aerobic life is a tough exercise. <i>Minerva Anesthesiologica</i> , 2020, 86, 9-11.	0.6	0
11	Perioperative cognitive function: must the poor get poorer?. <i>Minerva Anesthesiologica</i> , 2020, 86, 368-370.	0.6	0
12	George Washington Frost Mellen and Resuscitation with Nitrous Oxide in 1847. <i>Journal of Anesthesia History</i> , 2019, 5, 60-61.	0.2	0
13	Divine's CO2 Absorber of 1867. <i>Journal of Anesthesia History</i> , 2019, 5, 36-43.	0.2	2
14	Phineas T. Barnum, Gardner Q. Colton, and Painless Parker Were Kindred Princes of Humbug. <i>Journal of Anesthesia History</i> , 2019, 5, 13-21.	0.2	1
15	John Snow and the First Second-Gas Effect. <i>Journal of Anesthesia History</i> , 2018, 4, 9-10.	0.2	0
16	The Perfect and Famous Anesthetic Known as Methyl in Boston in 1895. <i>Journal of Anesthesia History</i> , 2018, 4, 115-122.	0.2	3
17	Charles T. Jackson and William T.G. Morton Patented the "Ethereal Solution of Opium" of Elton Romeo Smilie. <i>Journal of Anesthesia History</i> , 2018, 4, 128-129.	0.2	2
18	The role of multimodal analgesia in preventing the development of chronic postsurgical pain and reducing postoperative opioid use. <i>Journal of Opioid Management</i> , 2018, 14, 453-461.	0.2	7

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19	Antoine Lavoisier on Ether, 1789. <i>Journal of Anesthesia History</i> , 2017, 3, 63-64.	0.2	1
20	Henry Jacob Bigelow: Scholar and Antischolar. <i>Journal of Anesthesia History</i> , 2017, 3, 107.	0.2	0
21	Morphine Zwitterion. <i>Journal of Anesthesia History</i> , 2017, 3, 69-70.	0.2	1
22	John Collins Warren, Surgeon of Ether Day, Entered Sulphuric Ether into The Pharmacopoeia of the Massachusetts Medical Society in 1808. <i>Journal of Anesthesia History</i> , 2017, 3, 138-139.	0.2	0
23	Edison Etheroscope. <i>Journal of Anesthesia History</i> , 2017, 3, 110-111.	0.2	0
24	Gardner Q. Colton Publicly Demonstrated Chloroform for Surgery in His Eclectic Exhibitions of 1848. <i>Journal of Anesthesia History</i> , 2017, 3, 35-36.	0.2	2
25	Association of opioid receptor mu 1 (OPRM1) A118G polymorphism (rs1799971) with nicotine dependence. <i>Oncotarget</i> , 2017, 8, 84329-84337.	0.8	7
26	Lack of associations of the opioid receptor mu 1 (OPRM1) A118G polymorphism (rs1799971) with alcohol dependence: review and meta-analysis of retrospective controlled studies. <i>BMC Medical Genetics</i> , 2017, 18, 120.	2.1	19
27	Horner Syndrome After Lumbar Epidural Analgesia in a Patient with Ehlers-danlos Syndrome. <i>Open Anesthesiology Journal</i> , 2017, 11, 12-16.	0.4	1
28	Obstetric and Other Uses of Ether Before Ether Day, According to the Boston Medical and Surgical Journal of 1828-1846. <i>Journal of Anesthesia History</i> , 2016, 2, 57-61.	0.2	3
29	Noteworthy Chemistry of Chloroform. <i>Journal of Anesthesia History</i> , 2016, 2, 85-88.	0.2	0
30	George Bernard Shaw on Anesthesia. <i>Journal of Anesthesia History</i> , 2016, 2, 37-41.	0.2	1
31	The Heart of Diabetes*. <i>Critical Care Medicine</i> , 2015, 43, 1552-1554.	0.4	0
32	Release of Endotoxin After an Arrest*. <i>Critical Care Medicine</i> , 2015, 43, 2687-2688.	0.4	0
33	Dr. Mütter's Marvels: A True Tale of Intrigue and Innovation at the Dawn of Modern Medicine. <i>Anesthesiology</i> , 2015, 123, 981-981.	1.3	0
34	Daniel Bovet: 1957 Nobel Laureate and Developer of Succinylcholine. <i>Journal of Anesthesia History</i> , 2015, 1, 76-78.	0.2	3
35	Why does methylene blue reduce methemoglobin in benzocaine poisoning but beneficially oxidize hemoglobin in cyanide poisoning?. <i>Journal of Clinical Anesthesia</i> , 2014, 26, 702-703.	0.7	6
36	Tracking the Wily Speckle in Darkest Sepsis*. <i>Critical Care Medicine</i> , 2014, 42, 1577-1579.	0.4	0

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37	Spontaneous Intracranial Hypotension. <i>Anesthesiology</i> , 2014, 121, 1327-1333.	1.3	23
38	Reflections on an Electrocardiogram: Inverted T Waves. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2013, 27, 819-820.	0.6	0
39	Sustained airway pressure after transient occlusion of a valve venting a self-inflating manual resuscitator. <i>Journal of Clinical Anesthesia</i> , 2013, 25, 424-425.	0.7	1
40	Help for the Miffed Heart*. <i>Critical Care Medicine</i> , 2013, 41, 1829-1830.	0.4	0
41	Effect of the Daguerreotype Process on Morton's Part in History. <i>Bulletin of Anesthesia History</i> , 2013, 31, 7-8.	0.1	2
42	To Breathe, or Not to Breathe?*. <i>Critical Care Medicine</i> , 2013, 41, 346-348.	0.4	1
43	A little hypothermia goes a long way. <i>Critical Care Medicine</i> , 2012, 40, 1369-1370.	0.4	2
44	Gallic treatment is galling to <i>Pseudomonas</i> *. <i>Critical Care Medicine</i> , 2012, 40, 690-691.	0.4	0
45	An Unusual Cause for an Irregularly Irregular Pulse. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2012, 26, 751-752.	0.6	0
46	Does anesthetic technique influence cancer?. <i>Journal of Clinical Anesthesia</i> , 2012, 24, 1-2.	0.7	2
47	CASE REPORT - -Combined General and Spinal Anesthesia for Lumbar decompression in an Opioid-intolerant Patient: Intra-operative Administration of Intrathecal Bupivacaine via the Surgical Incision. <i>Open Anesthesiology Journal</i> , 2012, 6, 9-11.	0.4	0
48	Precipitation of sugammadex by protamine. <i>Journal of Clinical Anesthesia</i> , 2011, 23, 593.	0.7	11
49	Stemming electrical outage in myocardial infarction*. <i>Critical Care Medicine</i> , 2011, 39, 1222-1223.	0.4	0
50	Caspase: The unfriendly "meat tenderizer" of sepsis*. <i>Critical Care Medicine</i> , 2010, 38, 2075-2076.	0.4	0
51	Elton Romeo Smilie, the Not-Quite Discoverer of Ether Anesthesia. <i>Anesthesia and Analgesia</i> , 2010, 110, 195-197.	1.1	6
52	Early misconceptions about nitrous oxide, an "invigorating" asphyxiant. <i>Journal of Clinical Anesthesia</i> , 2010, 22, 59-63.	0.7	7
53	Atracurium-like decomposition of remifentanyl. <i>Journal of Clinical Anesthesia</i> , 2010, 22, 72-73.	0.7	2
54	Frogs Featured Prominently in Basic Science Contributing to Anesthesiology. <i>Bulletin of Anesthesia History</i> , 2009, 27, 21-25.	0.1	1

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55	Commonly used eponyms in anesthesia. <i>Journal of Clinical Anesthesia</i> , 2009, 21, 67-71.	0.7	1
56	Blockade of sodium importation in resuscitation*. <i>Critical Care Medicine</i> , 2009, 37, 2126-2127.	0.4	1
57	Worse bleeding but better survival associated with N-acetylcysteine in cardiac surgery*. <i>Critical Care Medicine</i> , 2009, 37, 2113-2114.	0.4	0
58	Lipmann and Anfinsen: Nobel biochemists of Beecher's anesthesia laboratory. <i>Journal of Clinical Anesthesia</i> , 2008, 20, 61-63.	0.7	7
59	Liquor made quicker: alcohol as a synthetic reagent for molecules in anesthesia. <i>Journal of Clinical Anesthesia</i> , 2008, 20, 556-559.	0.7	5
60	An Echogenic Mass After Composite Aortic Root Replacement. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2008, 22, 160-161.	0.6	1
61	Teasing and skinning muscles in sepsis research*. <i>Critical Care Medicine</i> , 2008, 36, 1674-1675.	0.4	0
62	Echocardiographic Reflections on a Pericardium. <i>Anesthesia and Analgesia</i> , 2007, 104, 506.	1.1	5
63	Nitrous or nitric? Same difference. Molecular formulas in the 1840s. <i>Journal of Clinical Anesthesia</i> , 2007, 19, 159-161.	0.7	8
64	ST-Segment Changes. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2007, 21, 908-909.	0.6	0
65	Therapeutic Hypothermia for Cardiopulmonary Resuscitation: Why, When and How. <i>Current Cardiology Reviews</i> , 2007, 3, 199-206.	0.6	0
66	A Couple of Long Intervals in Intraoperative Cardiac Pacing. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2006, 20, 117-118.	0.6	0
67	Transesophageal Echocardiographic Bull's Eye. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2006, 20, 894-895.	0.6	7
68	A Duplicate Inferior Vena Cava?. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2006, 20, 284-285.	0.6	2
69	Tuning up the compression and applying the choke for better horsepower in resuscitation*. <i>Critical Care Medicine</i> , 2006, 34, 1563-1564.	0.4	0
70	Detection of an Ill-Poised Thread of Lint by Transesophageal Echocardiography After Aortic Valve Replacement. <i>Anesthesia and Analgesia</i> , 2006, 103, 40.	1.1	3
71	Ptomaine Poisons as Clues to Chemical Neurotransmission. <i>Bulletin of Anesthesia History</i> , 2006, 24, 33-37.	0.1	2
72	Pralidoxime Rescues Both Muscarinic and Nicotinic Systems. <i>Anesthesia and Analgesia</i> , 2005, 101, 926.	1.1	7

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73	Participation of the Atrial Components of a Dual-Chamber Cardiac Pacemaker During Ventricular Pacing. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2005, 19, 377-378.	0.6	0
74	Echocardiographic papillary rarity. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2005, 19, 126-127.	0.6	0
75	Intra-annular Leak of a Pericardial Prosthetic Valve. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2005, 19, 691-692.	0.6	0
76	Quick fix of bent prongs of the thermodilution cardiac output connector of a Swan-Ganz catheter. <i>Journal of Clinical Anesthesia</i> , 2005, 17, 407-408.	0.7	0
77	Don't have a cow! Fight global warming with CFC. <i>Nature</i> , 2004, 430, 965-965.	13.7	1
78	Bubble trouble. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2004, 18, 112-113.	0.6	2
79	Black and white and read all over: The human genome *. <i>Critical Care Medicine</i> , 2004, 32, 1073-1074.	0.4	1
80	Oxygen Flush Valve Booby Trap. <i>Anesthesiology</i> , 2004, 101, 558-558.	1.3	4
81	Temporary Pacemaker Who Wouldn't Quit. <i>Anesthesiology</i> , 2004, 101, 810-810.	1.3	3
82	Blood Gases and pH During Hypothermia: The "-Stats". <i>International Anesthesiology Clinics</i> , 2004, 42, 73-80.	0.3	13
83	Aprotinin. <i>International Anesthesiology Clinics</i> , 2004, 42, 81-91.	0.3	9
84	The Contributions of A. W. Hofmann. <i>Anesthesia and Analgesia</i> , 2003, 96, 622-625.	1.1	16
85	Nuclear fallout in sepsis *. <i>Critical Care Medicine</i> , 2003, 31, 2076-2077.	0.4	2
86	The Contributions of A. W. Hofmann. <i>Anesthesia and Analgesia</i> , 2003, 96, 622-625.	1.1	15
87	Perioral Stains after Ortho-Phthalaldehyde Disinfection of Echo Probes. <i>Anesthesiology</i> , 2003, 99, 1032-1032.	1.3	16
88	Egg Allergy and Blood Products: You Say Albumen, I Say Albumin. <i>Anesthesiology</i> , 2003, 98, 1304-1305.	1.3	6
89	Sepsis and hypovolemia: Two bad *. <i>Critical Care Medicine</i> , 2003, 31, 991-992.	0.4	4
90	Stomach gas laboratory in critical care. <i>Critical Care Medicine</i> , 2002, 30, 251-252.	0.4	48

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91	Pulmonary catheter fear factor *. Critical Care Medicine, 2002, 30, 1383-1384.	0.4	0
92	Echo Bib. Anesthesiology, 2002, 97, 763-763.	1.3	5
93	Nitric oxide, fever, and brimstone: Babylon revisited *. Critical Care Medicine, 2002, 30, 2600-2601.	0.4	0
94	PaO2 exceeding the barometric pressure: An explosive situation?. Journal of Cardiothoracic and Vascular Anesthesia, 2001, 15, 655.	0.6	3
95	Chicken soup for the stomach. Critical Care Medicine, 2001, 29, 2033-2034.	0.4	2
96	Elevated hypoxanthine in endotoxic shock. Critical Care Medicine, 1999, 27, 690-691.	0.4	7
97	Procoagulant Action of Aprotinin. Anesthesia and Analgesia, 1996, 82, 1305.	1.1	1
98	Aprotinin does not neutralize heparin. Annals of Thoracic Surgery, 1994, 57, 516.	0.7	1
99	Inhibition of vitamin B12-dependent microbial growth by nitrous oxide. Life Sciences, 1991, 48, 1591-1595.	2.0	7
100	Inhibition of vitamin B12-dependent methionine biosynthesis by chloroform and carbon tetrachloride. Biochemical Pharmacology, 1991, 42, R25-R28.	2.0	18
101	Potential toxicity from prolonged anesthesia: A case report of a thirty-hour anesthetic. Journal of Clinical Anesthesia, 1990, 2, 183-187.	0.7	6
102	Substrate specificity of nicotinamide methyltransferase isolated from porcine liver. Archives of Biochemistry and Biophysics, 1988, 260, 601-608.	1.4	71
103	Enzymatic conversion of the antibiotic metronidazole to an analog of thiamine. Archives of Biochemistry and Biophysics, 1987, 257, 357-362.	1.4	43
104	Inactivation of GABA Aminotransferase by 3-Nitro-1-Propanamine. Journal of Enzyme Inhibition and Medicinal Chemistry, 1987, 1, 215-222.	0.5	1
105	Reaction of Lactobacillus histidine decarboxylase with L-histidine methyl ester. Biochemistry, 1987, 26, 4082-4085.	1.2	16
106	Amino Acid Neurotransmitters in the CNS: Properties of Diaminobutyric Acid Transport. Journal of Neurochemistry, 1986, 46, 1452-1457.	2.1	18
107	Neurotoxicity of Metronidazole. Annals of Internal Medicine, 1985, 103, 161.	2.0	13
108	The bioorganic chemistry of the nitroalkyl group. Bioorganic Chemistry, 1985, 13, 375-403.	2.0	22

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109	Enzyme inhibition by nitro and nitroso compounds. <i>Accounts of Chemical Research</i> , 1983, 16, 418-424.	7.6	46
110	Conversion of trifluoromethionine to a cross-linking agent by $\text{I}^3$ -cystathionase. <i>Biochemical Pharmacology</i> , 1983, 32, 947-950.	2.0	21
111	Enzymatic release of nitric oxide from L-alanosine, an antineoplastic antibiotic. <i>Biochemical and Biophysical Research Communications</i> , 1982, 105, 560-566.	1.0	11
112	Mechanism-based inactivation of GABA aminotransferase by 3,5-dioxocyclohexanecarboxylic acid. <i>Biochemical Pharmacology</i> , 1982, 31, 4081-4084.	2.0	7
113	Inactivation of $\text{I}^3$ -cystathionase by $\text{I}^3$ -fluorinated amino acids. <i>FEBS Letters</i> , 1981, 128, 293-297.	1.3	15
114	Inactivation of pyridoxal 5'-phosphate-dependent enzymes by 5-nitro-L-norvaline, an analog of L-glutamate. <i>FEBS Letters</i> , 1981, 126, 269-271.	1.3	10
115	Conversion of 3-nitro-1-propanol (miserotoxin aglycone) to cytotoxic acrolein by alcohol dehydrogenase. <i>Biochemical Pharmacology</i> , 1981, 30, 2719-2720.	2.0	21
116	Suicide substrates for mitochondrial enzymes. , 1981, 12, 1-41.		30
117	Oxidation of N-nitroethylenediamine, a GABA analog from <i>Agaricus silvaticus</i> , by GABA aminotransferase. <i>Biochemical and Biophysical Research Communications</i> , 1981, 103, 1077-1082.	1.0	7
118	Inhibition of succinate dehydrogenase by nitroacetate and by the toxic antibiotic nitraminoacetate. <i>Biochemical and Biophysical Research Communications</i> , 1980, 97, 294-300.	1.0	14
119	Inactivation of alanine aminotransferase by the neurotoxin $\text{I}^2$ -cyano-L-alanine. <i>Biochemical and Biophysical Research Communications</i> , 1980, 92, 299-304.	1.0	18
120	Inactivation of alcohol dehydrogenase by 3-butyn-1-ol. <i>Archives of Biochemistry and Biophysics</i> , 1979, 197, 516-523.	1.4	20