

Ronenn Roubenoff, Mhs

List of Publications by Year in descending order

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Version: 2024-02-01

122
papers

14,931
citations

17440

63
h-index

18130

120
g-index

123
all docs

123
docs citations

123
times ranked

17065
citing authors

#	ARTICLE	IF	CITATIONS
1	Multicomponent intervention to prevent mobility disability in frail older adults: randomised controlled trial (SPRINTT project). <i>BMJ</i> , The, 2022, 377, e068788.	6.0	90
2	Effect of Bimagrumab vs Placebo on Body Fat Mass Among Adults With Type 2 Diabetes and Obesity. <i>JAMA Network Open</i> , 2021, 4, e2033457.	5.9	98
3	A Roadmap to Inform Development, Validation and Approval of Digital Mobility Outcomes: The Mobilise-D Approach. <i>Digital Biomarkers</i> , 2021, 4, 13-27.	4.4	73
4	Effects of Interleukin-1 β Inhibition on Incident Hip and Knee Replacement. <i>Annals of Internal Medicine</i> , 2020, 173, 509-515.	3.9	84
5	Safety and pharmacokinetics of bimagrumab in healthy older and obese adults with body composition changes in the older cohort. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2020, 11, 1525-1534.	7.3	15
6	Bimagrumab vs Optimized Standard of Care for Treatment of Sarcopenia in Community-Dwelling Older Adults. <i>JAMA Network Open</i> , 2020, 3, e2020836.	5.9	71
7	How soon will digital endpoints become a cornerstone for future drug development?. <i>Drug Discovery Today</i> , 2019, 24, 16-19.	6.4	31
8	Emerging Interventions for Elderly Patientsâ€”The Promise of Regenerative Medicine. <i>Clinical Pharmacology and Therapeutics</i> , 2019, 105, 53-60.	4.7	9
9	Continuous Digital Monitoring of Walking Speed in Frail Elderly Patients: Noninterventional Validation Study and Longitudinal Clinical Trial. <i>JMIR MHealth and UHealth</i> , 2019, 7, e15191.	3.7	39
10	Bimagrumab improves body composition and insulin sensitivity in insulinâ€resistant individuals. <i>Diabetes, Obesity and Metabolism</i> , 2018, 20, 94-102.	4.4	59
11	Reply to: New Hope for Sarcopenia. <i>Journal of the American Geriatrics Society</i> , 2018, 66, 208-209.	2.6	0
12	The â€Sarcopenia and Physical Frailty IN older people: multi-component Treatment strategiesâ€(SPRINTT) randomized controlled trial: Case finding, screening and characteristics of eligible participants. <i>Experimental Gerontology</i> , 2018, 113, 48-57.	2.8	61
13	The â€Sarcopenia and Physical Frailty IN older people: multi-component Treatment strategiesâ€(SPRINTT) randomized controlled trial: design and methods. <i>Aging Clinical and Experimental Research</i> , 2017, 29, 89-100.	2.9	131
14	Rationale for a preliminary operational definition of physical frailty and sarcopenia in the SPRINTT trial. <i>Aging Clinical and Experimental Research</i> , 2017, 29, 81-88.	2.9	85
15	Physical frailty and sarcopenia (PF&S): a point of view from the industry. <i>Aging Clinical and Experimental Research</i> , 2017, 29, 69-74.	2.9	13
16	The â€Sarcopenia and Physical Frailty IN older people: multi-component Treatment strategiesâ€(SPRINTT) project: advancing the care of physically frail and sarcopenic older people. <i>Aging Clinical and Experimental Research</i> , 2017, 29, 1-2.	2.9	11
17	The need of operational paradigms for frailty in older persons: the SPRINTT project. <i>Aging Clinical and Experimental Research</i> , 2017, 29, 3-10.	2.9	32
18	Serum Insulin-Like Growth Factor 1 and the Risk of Ischemic Stroke. <i>Stroke</i> , 2017, 48, 1760-1765.	2.0	54

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19	Treatment of Sarcopenia with Bimagrumab: Results from a Phase II, Randomized, Controlled, Proof-of-Concept Study. <i>Journal of the American Geriatrics Society</i> , 2017, 65, 1988-1995.	2.6	165
20	Efficacy of anti-sclerostin monoclonal antibody BPS804 in adult patients with hypophosphatasia. <i>Journal of Clinical Investigation</i> , 2017, 127, 2148-2158.	8.2	64
21	Loss of oxidative defense and potential blockade of satellite cell maturation in the skeletal muscle of patients with cancer but not in the healthy elderly. <i>Aging</i> , 2016, 8, 1690-1702.	3.1	38
22	Prospect for Pharmacological Therapies to Treat Skeletal Muscle Dysfunction. <i>Calcified Tissue International</i> , 2015, 96, 234-242.	3.1	15
23	Serum Leptin Levels and the Risk of Stroke. <i>Stroke</i> , 2015, 46, 2881-2885.	2.0	22
24	Clinical Classification of Cancer Cachexia: Phenotypic Correlates in Human Skeletal Muscle. <i>PLoS ONE</i> , 2014, 9, e83618.	2.5	74
25	Influence of Exercise on the Metabolic Profile Caused by 28 days of Bed Rest with Energy Deficit and Amino Acid Supplementation in Healthy Men. <i>International Journal of Medical Sciences</i> , 2014, 11, 1248-1257.	2.5	12
26	The "Cytokine for Gerontologists" Has Some Company. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2014, 69A, 163-164.	3.6	16
27	Treatment of sporadic inclusion body myositis with bimagrumab. <i>Neurology</i> , 2014, 83, 2239-2246.	1.1	165
28	Insulin-like growth factor-1 and risk of Alzheimer dementia and brain atrophy. <i>Neurology</i> , 2014, 82, 1613-1619.	1.1	164
29	Prospects for the development of effective pharmacotherapy targeted at the skeletal muscles in chronic obstructive pulmonary disease: a translational review. <i>Thorax</i> , 2012, 67, 1102-1109.	5.6	25
30	Plasma Pyridoxal-5-Phosphate Is Inversely Associated with Systemic Markers of Inflammation in a Population of U.S. Adults. <i>Journal of Nutrition</i> , 2012, 142, 1280-1285.	2.9	82
31	Biomarkers of sarcopenia in clinical trials—recommendations from the International Working Group on Sarcopenia. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2012, 3, 181-190.	7.3	237
32	Plasma phosphatidylcholine concentrations of polyunsaturated fatty acids are differentially associated with hip bone mineral density and hip fracture in older adults: The framingham osteoporosis study. <i>Journal of Bone and Mineral Research</i> , 2012, 27, 1222-1230.	2.8	34
33	Value of measuring muscle performance to assess changes in lean mass with testosterone and growth hormone supplementation. <i>European Journal of Applied Physiology</i> , 2012, 112, 1123-1131.	2.5	30
34	Testosterone Threshold Levels and Lean Tissue Mass Targets Needed to Enhance Skeletal Muscle Strength and Function: The HORMA Trial. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2011, 66A, 122-129.	3.6	48
35	Sarcopenia With Limited Mobility: An International Consensus. <i>Journal of the American Medical Directors Association</i> , 2011, 12, 403-409.	2.5	884
36	Durability of the effects of testosterone and growth hormone supplementation in older community-dwelling men: the HORMA Trial. <i>Clinical Endocrinology</i> , 2011, 75, 103-111.	2.4	12

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37	Erroneous augmentation of multiplex assay measurements in patients with rheumatoid arthritis due to heterophilic binding by serum rheumatoid factor. <i>Arthritis and Rheumatism</i> , 2011, 63, 894-903.	6.7	78
38	Moderate Doses of hGH (0.64 mg/d) Improve Lipids But Not Cardiovascular Function in GH-Deficient Adults with Normal Baseline Cardiac Function. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, 122-132.	3.6	21
39	Protective effects of fish intake and interactive effects of long-chain polyunsaturated fatty acid intakes on hip bone mineral density in older adults: the Framingham Osteoporosis Study. <i>American Journal of Clinical Nutrition</i> , 2011, 93, 1142-1151.	4.7	123
40	Whole-body and muscle protein metabolism are not affected by acute deviations from habitual protein intake in older men: the Hormonal Regulators of Muscle and Metabolism in Aging (HORMA) Study. <i>American Journal of Clinical Nutrition</i> , 2011, 94, 172-181.	4.7	4
41	Causal Modeling Using Network Ensemble Simulations of Genetic and Gene Expression Data Predicts Genes Involved in Rheumatoid Arthritis. <i>PLoS Computational Biology</i> , 2011, 7, e1001105.	3.2	37
42	Dietary Intakes of Arachidonic Acid and $\hat{\iota}$ -Linolenic Acid Are Associated with Reduced Risk of Hip Fracture in Older Adults. <i>Journal of Nutrition</i> , 2011, 141, 1146-1153.	2.9	76
43	Effects of resistance exercise combined with essential amino acid supplementation and energy deficit on markers of skeletal muscle atrophy and regeneration during bed rest and active recovery. <i>Muscle and Nerve</i> , 2010, 42, 927-935.	2.2	44
44	Recent advances in the biology and therapy of muscle wasting. <i>Annals of the New York Academy of Sciences</i> , 2010, 1211, 25-36.	3.8	110
45	Genome-Wide Association Study of Determinants of Anti-Cyclic Citrullinated Peptide Antibody Titer in Adults with Rheumatoid Arthritis. <i>Molecular Medicine</i> , 2009, 15, 136-143.	4.4	33
46	Malnutrition Syndromes: A Conundrum vs Continuum. <i>Journal of Parenteral and Enteral Nutrition</i> , 2009, 33, 710-716.	2.6	154
47	Testosterone and Growth Hormone Improve Body Composition and Muscle Performance in Older Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 1991-2001.	3.6	168
48	Association of Plasma Leptin Levels With Incident Alzheimer Disease and MRI Measures of Brain Aging. <i>JAMA - Journal of the American Medical Association</i> , 2009, 302, 2565.	7.4	363
49	Plasma Leptin Levels and Incidence of Heart Failure, Cardiovascular Disease, and Total Mortality in Elderly Individuals. <i>Diabetes Care</i> , 2009, 32, 612-616.	8.6	94
50	Community-Based Strength Training Improves Physical Function in Older Women With Arthritis. <i>American Journal of Lifestyle Medicine</i> , 2009, 3, 466-473.	1.9	4
51	Humoral Mediation of Changing Body Composition During Aging and Chronic Inflammation. <i>Nutrition Reviews</i> , 2009, 51, 1-11.	5.8	80
52	Exercise and Lean Weight. <i>Nutrition Reviews</i> , 2009, 51, 25-25.	5.8	1
53	Relation of Serum Leptin With Cardiac Mass and Left Atrial Dimension in Individuals $\hat{\iota}$ 70 Years of Age. <i>American Journal of Cardiology</i> , 2009, 104, 602-605.	1.6	31
54	Tai Chi is effective in treating knee osteoarthritis: A randomized controlled trial. <i>Arthritis and Rheumatism</i> , 2009, 61, 1545-1553.	6.7	256

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55	Convergent random forest predictor: Methodology for predicting drug response from genome-scale data applied to anti-TNF response. <i>Genomics</i> , 2009, 94, 423-432.	2.9	45
56	Rheumatoid cachexia: a complication of rheumatoid arthritis moves into the 21st century. <i>Arthritis Research and Therapy</i> , 2009, 11, 108.	3.5	81
57	The Role of Genomics and Genetics in Drug Discovery and Development. , 2009, , 335-342.		7
58	Tai Chi for treating knee osteoarthritis: Designing a long-term follow up randomized controlled trial. <i>BMC Musculoskeletal Disorders</i> , 2008, 9, 108.	1.9	40
59	Molecular Basis of Inflammation: Relationships Between Catabolic Cytokines, Hormones, Energy Balance, and Muscle. <i>Journal of Parenteral and Enteral Nutrition</i> , 2008, 32, 630-632.	2.6	24
60	Excess baggage: sarcopenia, obesity, and cancer outcomes. <i>Lancet Oncology</i> , The, 2008, 9, 605-607.	10.7	23
61	Muscle fiber size and function in elderly humans: a longitudinal study. <i>Journal of Applied Physiology</i> , 2008, 105, 637-642.	2.5	238
62	Introduction: Nutrition and Inflammation: Research Makes the Connectionâ€”Intersociety Research Workshop, Chicago, February 8â€“9, 2008. <i>Journal of Parenteral and Enteral Nutrition</i> , 2008, 32, 625-625.	2.6	4
63	Cytometric profiling in multiple sclerosis uncovers patient population structure and a reduction of CD8 ^{low} cells. <i>Brain</i> , 2008, 131, 1701-1711.	7.6	73
64	Resistance training and timed essential amino acids protect against the loss of muscle mass and strength during 28 days of bed rest and energy deficit. <i>Journal of Applied Physiology</i> , 2008, 105, 241-248.	2.5	83
65	Genome-Wide Association Scan Identifies Candidate Polymorphisms Associated with Differential Response to Anti-TNF Treatment in Rheumatoid Arthritis. <i>Molecular Medicine</i> , 2008, 14, 575-581.	4.4	199
66	Long-Term Body Fat Outcomes in Antiretroviral-Naive Participants Randomized to Nelfinavir or Efavirenz or Both Plus Dual Nucleosides. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2007, 45, 508-514.	2.1	65
67	Effects of Potent Antiretroviral Therapy on Free Testosterone Levels and Fat-Free Mass in Men in a Prospective, Randomized Trial: A5005s, a Substudy of AIDS Clinical Trials Group Study 384. <i>Clinical Infectious Diseases</i> , 2007, 45, 120-126.	5.8	42
68	Hormonal regulators of muscle and metabolism in aging (HORMA): design and conduct of a complex, double masked multicenter trial. <i>Clinical Trials</i> , 2007, 4, 560-571.	1.6	9
69	Energy expenditure in critically ill children. <i>Pediatric Critical Care Medicine</i> , 2007, 8, 264-267.	0.5	105
70	Preliminary Evidence Shows That Folic Acid Fortification of the Food Supply Is Associated with Higher Methotrexate Dosing in Patients with Rheumatoid Arthritis. <i>Journal of the American College of Nutrition</i> , 2007, 26, 453-455.	1.8	30
71	Two independent alleles at 6q23 associated with risk of rheumatoid arthritis. <i>Nature Genetics</i> , 2007, 39, 1477-1482.	21.4	497
72	Physical Activity, Inflammation, and Muscle Loss. <i>Nutrition Reviews</i> , 2007, 65, S208-S212.	5.8	57

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73	GH peak response to GHRH-arginine: relationship to insulin resistance and other cardiovascular risk factors in a population of adults aged 50-90. <i>Clinical Endocrinology</i> , 2006, 65, 169-177.	2.4	30
74	Mixed Patterns of Changes in Central and Peripheral Fat Following Initiation of Antiretroviral Therapy in a Randomized Trial. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2006, 41, 590-597.	2.1	63
75	Age-related loss of associations between acute exercise-induced IL-6 and oxidative stress. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2006, 291, E340-E349.	3.5	37
76	Senescence of human skeletal muscle impairs the local inflammatory cytokine response to acute eccentric exercise. <i>FASEB Journal</i> , 2005, 19, 1-19.	0.5	115
77	Monocyte cytokine production, systemic inflammation and cardiovascular disease in very elderly men and women: The Framingham Heart Study. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2004, 11, 214-215.	2.8	3
78	The Healthcare Costs of Sarcopenia in the United States. <i>Journal of the American Geriatrics Society</i> , 2004, 52, 80-85.	2.6	1,170
79	Resistance training to reduce the malnutrition-inflammation complex syndrome of chronic kidney disease. <i>American Journal of Kidney Diseases</i> , 2004, 43, 607-616.	1.9	196
80	Use of mass spectrometry to identify protein biomarkers of disease severity in the synovial fluid and serum of patients with rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2004, 50, 3792-3803.	6.7	259
81	Skeletal Muscle Cutpoints Associated with Elevated Physical Disability Risk in Older Men and Women. <i>American Journal of Epidemiology</i> , 2004, 159, 413-421.	3.4	947
82	Effect of vitamin E and eccentric exercise on selected biomarkers of oxidative stress in young and elderly men. <i>Free Radical Biology and Medicine</i> , 2003, 34, 1575-1588.	2.9	194
83	Strength training in older women: Early and late changes in whole muscle and single cells. <i>Muscle and Nerve</i> , 2003, 28, 601-608.	2.2	91
84	Pharmacokinetic properties of zolpidem in elderly and young adults: possible modulation by testosterone in men. <i>British Journal of Clinical Pharmacology</i> , 2003, 56, 297-304.	2.4	89
85	Insulin-Like Growth Factor-1 and Interleukin 6 Predict Sarcopenia in Very Old Community-Dwelling Men and Women: The Framingham Heart Study. <i>Journal of the American Geriatrics Society</i> , 2003, 51, 1237-1243.	2.6	211
86	Cytokines, insulin-like growth factor 1, sarcopenia, and mortality in very old community-dwelling men and women: the Framingham Heart Study. <i>American Journal of Medicine</i> , 2003, 115, 429-435.	1.5	348
87	Abnormal vitamin B6 status is associated with severity of symptoms in patients with rheumatoid arthritis. <i>American Journal of Medicine</i> , 2003, 114, 283-287.	1.5	106
88	Inflammatory Markers and Risk of Heart Failure in Elderly Subjects Without Prior Myocardial Infarction. <i>Circulation</i> , 2003, 107, 1486-1491.	1.6	652
89	Title is missing!. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2003, 6, 295-299.	2.5	39
90	Reduction of Abdominal Obesity in Lipodystrophy Associated with Human Immunodeficiency Virus Infection by Means of Diet and Exercise: Case Report and Proof of Principle. <i>Clinical Infectious Diseases</i> , 2002, 34, 390-393.	5.8	69

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91	CYTOKINE RESPONSES DIFFER BY COMPARTMENT AND WASTING STATUS IN PATIENTS WITH HIV INFECTION AND HEALTHY CONTROLS. <i>Cytokine</i> , 2002, 18, 286-293.	3.2	22
92	Cachexia in rheumatoid arthritis. <i>International Journal of Cardiology</i> , 2002, 85, 89-99.	1.7	234
93	Cachexia in rheumatoid arthritis is not explained by decreased growth hormone secretion. <i>Arthritis and Rheumatism</i> , 2002, 46, 2574-2577.	6.7	40
94	The Role of Cytokines in Regulating Protein Metabolism and Muscle Function. <i>Nutrition Reviews</i> , 2002, 60, 39-51.	5.8	168
95	Effect of acquired immune deficiency syndrome wasting on the protein metabolic response to acute exercise. <i>Metabolism: Clinical and Experimental</i> , 2001, 50, 288-292.	3.4	5
96	Do patients with nonmetastatic non-small cell lung cancer demonstrate altered resting energy expenditure?. <i>Annals of Thoracic Surgery</i> , 2001, 72, 348-351.	1.3	48
97	Age- and Gender-Related Differences in Maximum Shortening Velocity of Skeletal Muscle Fibers. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2001, 80, 447-455.	1.4	124
98	Urinary 8-hydroxy-2â€²-deoxyguanosine (8-OHdG) as a marker of oxidative stress in rheumatoid arthritis and aging: effect of progressive resistance training. <i>Journal of Nutritional Biochemistry</i> , 2000, 11, 581-584.	4.2	72
99	The Effects of a Multivitamin/Mineral Supplement on Micronutrient Status, Antioxidant Capacity and Cytokine Production in Healthy Older Adults Consuming a Fortified Diet. <i>Journal of the American College of Nutrition</i> , 2000, 19, 613-621.	1.8	68
100	A pilot study of exercise training to reduce trunk fat in adults with HIV-associated fat redistribution. <i>Aids</i> , 1999, 13, 1373-1375.	2.2	143
101	NUTRITION IN THE EXERCISING ELDERLY. <i>Clinics in Sports Medicine</i> , 1999, 18, 565-584.	1.8	13
102	The prognostic effect of increased resting energy expenditure prior to treatment for lung cancer. <i>Lung Cancer</i> , 1999, 23, 153-158.	2.0	24
103	Short-term progressive resistance training increases strength and lean body mass in adults infected with human immunodeficiency virus. <i>Aids</i> , 1999, 13, 231-239.	2.2	100
104	Use of fast neutrons for measuring muscle. <i>Applied Radiation and Isotopes</i> , 1998, 49, 737-738.	1.5	7
105	Adjuvant arthritis as a model of inflammatory cachexia. <i>Arthritis and Rheumatism</i> , 1997, 40, 534-539.	6.7	146
106	Abnormal homocysteine metabolism in rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 1997, 40, 718-722.	6.7	187
107	Plasma homocysteine as a risk factor for atherothrombotic events in systemic lupus erythematosus. <i>Lancet</i> , The, 1996, 348, 1120-1124.	13.7	379
108	The effect of progressive resistance training in rheumatoid arthritis. Increased strength without changes in energy balance or body composition. <i>Arthritis and Rheumatism</i> , 1996, 39, 415-426.	6.7	132

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109	Protein metabolism in rheumatoid arthritis and aging. Effects of muscle strength training and tumor necrosis factor α . <i>Arthritis and Rheumatism</i> , 1996, 39, 1115-1124.	6.7	99
110	Abnormal vitamin b ₆ status in rheumatoid cachexia association with spontaneous tumor necrosis factor α production and markers of inflammation. <i>Arthritis and Rheumatism</i> , 1995, 38, 105-109.	6.7	85
111	Diagnosis of growth hormone deficiency in adults. <i>Lancet, The</i> , 1994, 343, 1645-1646.	13.7	52
112	The Nutrition Implications of Cardiac Cachexia. <i>Nutrition Reviews</i> , 1994, 52, 340-347.	5.8	134
113	Letters. <i>Nutrition in Clinical Practice</i> , 1993, 8, 139-139.	2.4	1
114	Interactions Between Nutrition and Infection with Human Immunodeficiency Virus. <i>Nutrition Reviews</i> , 1993, 51, 226-234.	5.8	39
115	Risk of Pulmonary Aspiration Among Patients Receiving Enteral Nutrition Support. <i>Journal of Parenteral and Enteral Nutrition</i> , 1992, 16, 160-164.	2.6	98
116	Incidence and Risk Factors for Gout in White Men. <i>JAMA - Journal of the American Medical Association</i> , 1991, 266, 3004.	7.4	192
117	The Meaning and Measurement of Lean Body Mass. <i>Nutrition Reviews</i> , 1991, 49, 163-175.	5.8	169
118	Eosinophilia-myalgia syndrome due to l-tryptophan ingestion: report of four cases and review of the Maryland experience. <i>Arthritis and Rheumatism</i> , 1990, 33, 930-938.	6.7	21
119	Pneumothorax due to Nasogastric Feeding Tubes. <i>Archives of Internal Medicine</i> , 1989, 149, 184.	3.8	101
120	Effects of antiinflammatory and immunosuppressive drugs on pregnancy and fertility. <i>Seminars in Arthritis and Rheumatism</i> , 1988, 18, 88-110.	3.4	92
121	Malnutrition Among Hospitalized Patients. <i>Archives of Internal Medicine</i> , 1987, 147, 1462.	3.8	79
122	Remission of rheumatoid arthritis with the successful treatment of acute myelogenous leukemia with cytosine arabinoside, daunorubicin, and m-AMSA. <i>Arthritis and Rheumatism</i> , 1987, 30, 1187-1190.	6.7	29