

Michael T Yin

List of Publications by Year in descending order

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Version: 2024-02-01

122
papers

7,716
citations

136950

32
h-index

62596

80
g-index

124
all docs

124
docs citations

124
times ranked

12464
citing authors

#	ARTICLE	IF	CITATIONS
1	Antibody resistance of SARS-CoV-2 variants B.1.351 and B.1.1.7. <i>Nature</i> , 2021, 593, 130-135.	27.8	1,904
2	Potent neutralizing antibodies against multiple epitopes on SARS-CoV-2 spike. <i>Nature</i> , 2020, 584, 450-456.	27.8	1,337
3	Striking antibody evasion manifested by the Omicron variant of SARS-CoV-2. <i>Nature</i> , 2022, 602, 676-681.	27.8	1,038
4	Tenofovir alafenamide versus tenofovir disoproxil fumarate, coformulated with elvitegravir, cobicistat, and emtricitabine, for initial treatment of HIV-1 infection: two randomised, double-blind, phase 3, non-inferiority trials. <i>Lancet</i> , The, 2015, 385, 2606-2615.	13.7	521
5	Recommendations for Evaluation and Management of Bone Disease in HIV. <i>Clinical Infectious Diseases</i> , 2015, 60, 1242-1251.	5.8	150
6	Incident fractures in HIV-infected individuals. <i>Aids</i> , 2013, 27, 1949-1957.	2.2	131
7	Clinical Characteristics and Outcomes in People Living With Human Immunodeficiency Virus Hospitalized for Coronavirus Disease 2019. <i>Clinical Infectious Diseases</i> , 2020, 71, 2294-2297.	5.8	111
8	SARS-CoV-2 neutralizing antibody responses are more robust in patients with severe disease. <i>Emerging Microbes and Infections</i> , 2020, 9, 2091-2093.	6.5	109
9	Bone mass and mineral metabolism in HIV+ postmenopausal women. <i>Osteoporosis International</i> , 2005, 16, 1345-1352.	3.1	106
10	Vitamin D and Calcium Attenuate Bone Loss With Antiretroviral Therapy Initiation. <i>Annals of Internal Medicine</i> , 2015, 162, 815-824.	3.9	100
11	Using Clinical Notes and Natural Language Processing for Automated HIV Risk Assessment. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2018, 77, 160-166.	2.1	85
12	Higher Rates of Bone Loss in Postmenopausal HIV-Infected Women: A Longitudinal Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, 554-562.	3.6	83
13	Fracture incidence in HIV-infected women: results from the Women's Interagency HIV Study. <i>Aids</i> , 2010, 24, 2679-2686.	2.2	82
14	Short-Term Bone Loss in HIV-Infected Premenopausal Women. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2010, 53, 202-208.	2.1	81
15	Low Bone Mass and High Bone Turnover in Postmenopausal Human Immunodeficiency Virus-Infected Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, 620-629.	3.6	79
16	Patterns of drug use and HIV infection among adults in a nationally representative sample. <i>Addictive Behaviors</i> , 2017, 68, 39-44.	3.0	70
17	Population Pharmacokinetics of Polymyxin B in Acutely Ill Adult Patients. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	65
18	Fractures after antiretroviral initiation. <i>Aids</i> , 2012, 26, 2175-2184.	2.2	64

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19	Lower peak bone mass and abnormal trabecular and cortical microarchitecture in young men infected with HIV early in life. <i>Aids</i> , 2014, 28, 345-353.	2.2	57
20	Osteoporosis and fractures in HIV/hepatitis C virus coinfection. <i>Aids</i> , 2014, 28, 2119-2131.	2.2	53
21	Fall frequency and associated factors among men and women with or at risk for HIV infection. <i>HIV Medicine</i> , 2016, 17, 740-748.	2.2	50
22	Long-term Bone Mineral Density Changes in Antiretroviral-Treated HIV-Infected Individuals. <i>Journal of Infectious Diseases</i> , 2016, 214, 607-611.	4.0	47
23	Alterations in the oral microbiome in HIV-infected participants after antiretroviral therapy administration are influenced by immune status. <i>Aids</i> , 2018, 32, 1279-1287.	2.2	45
24	Detecting Social and Behavioral Determinants of Health with Structured and Free-Text Clinical Data. <i>Applied Clinical Informatics</i> , 2020, 11, 172-181.	1.7	45
25	Population Pharmacokinetics of Intravenous Polymyxin B from Clinical Samples. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	43
26	Plasma IL-6/IL-10 Ratio and IL-8, LDH, and HBDH Level Predict the Severity and the Risk of Death in AIDS Patients with <i>Pneumocystis</i> Pneumonia. <i>Journal of Immunology Research</i> , 2016, 2016, 1-10.	2.2	42
27	Fracture Prediction With Modified-FRAX in Older HIV-Infected and Uninfected Men. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2016, 72, 513-520.	2.1	42
28	Oral and Gut Microbial Diversity and Immune Regulation in Patients with HIV on Antiretroviral Therapy. <i>MSphere</i> , 2020, 5, .	2.9	41
29	Placental response to maternal SARS-CoV-2 infection. <i>Scientific Reports</i> , 2021, 11, 14390.	3.3	41
30	Low Risk of Proximal Tubular Dysfunction Associated With Emtricitabine-Tenofovir Disoproxil Fumarate Preexposure Prophylaxis in Men and Women. <i>Journal of Infectious Diseases</i> , 2016, 214, 1050-1057.	4.0	40
31	Vitamin D Status and COVID-19 Clinical Outcomes in Hospitalized Patients. <i>Endocrine Research</i> , 2021, 46, 66-73.	1.2	39
32	Polymyxin B Pharmacokinetics in Adult Cystic Fibrosis Patients. <i>Pharmacotherapy</i> , 2018, 38, 730-738.	2.6	36
33	Epidemiology, pathogenesis, and management of human immunodeficiency virus infection in patients with periodontal disease. <i>Periodontology 2000</i> , 2007, 44, 55-81.	13.4	33
34	Polypharmacy, Hazardous Alcohol and Illicit Substance Use, and Serious Falls Among PLWH and Uninfected Comparators. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2019, 82, 305-313.	2.1	32
35	Anxiety, depression, insomnia, and trauma-related symptoms following COVID-19 infection at long-term follow-up. <i>Brain, Behavior, & Immunity - Health</i> , 2021, 16, 100315.	2.5	32
36	Dental Students and Bloodborne Pathogens: Occupational Exposures, Knowledge, and Attitudes. <i>Journal of Dental Education</i> , 2012, 76, 479-486.	1.2	31

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37	An antibody class with a common CDRH3 motif broadly neutralizes sarbecoviruses. <i>Science Translational Medicine</i> , 2022, 14, eabn6859.	12.4	31
38	Trabecular and Cortical Microarchitecture in Postmenopausal HIV-Infected Women. <i>Calcified Tissue International</i> , 2013, 92, 557-565.	3.1	28
39	Falls among Middle-Aged Women in the Women's Interagency HIV Study. <i>Antiviral Therapy</i> , 2016, 21, 697-706.	1.0	28
40	Effects of HIV infection and antiretroviral therapy with ritonavir on induction of osteoclast-like cells in postmenopausal women. <i>Osteoporosis International</i> , 2011, 22, 1459-1468.	3.1	26
41	Longitudinal Study of Falls among HIV-Infected and Uninfected Women: The Role of Cognition. <i>Antiviral Therapy</i> , 2018, 23, 179-190.	1.0	26
42	Improved fracture prediction using different fracture risk assessment tool adjustments in HIV-infected women. <i>Aids</i> , 2018, 32, 1699-1706.	2.2	26
43	Diabetic ketoacidosis and mortality in COVID-19 infection. <i>Diabetes and Metabolism</i> , 2021, 47, 101267.	2.9	25
44	Bone Health in HIV-Infected Children, Adolescents and Young Adults: A Systematic Review. <i>Journal of AIDS & Clinical Research</i> , 2014, 05, .	0.5	24
45	The role of patient-provider interactions: Using an accounts framework to explain hospital discharges against medical advice. <i>Social Science and Medicine</i> , 2016, 156, 106-113.	3.8	24
46	Efavirenz is associated with higher bone mass in South African children with HIV. <i>Aids</i> , 2016, 30, 2459-2467.	2.2	23
47	HIV and Bone Complications: Understudied Populations and New Management Strategies. <i>Current HIV/AIDS Reports</i> , 2016, 13, 349-358.	3.1	21
48	Decreased Vigorous Physical Activity in School-Aged Children with Human Immunodeficiency Virus in Johannesburg, South Africa. <i>Journal of Pediatrics</i> , 2016, 172, 103-109.	1.8	20
49	Abnormal Bone Acquisition With Early-Life HIV Infection: Role of Immune Activation and Senescent Osteogenic Precursors. <i>Journal of Bone and Mineral Research</i> , 2016, 31, 1988-1996.	2.8	19
50	Characterising the long-term clinical outcomes of 1190 hospitalised patients with COVID-19 in New York City: a retrospective case series. <i>BMJ Open</i> , 2021, 11, e049488.	1.9	19
51	Frailty as a Predictor of Falls in HIV-Infected and Uninfected Women. <i>Antiviral Therapy</i> , 2019, 24, 51-61.	1.0	18
52	How to predict the risk of fracture in HIV?. <i>Current Opinion in HIV and AIDS</i> , 2016, 11, 261-267.	3.8	17
53	Continued Interest and Controversy: Vitamin D in HIV. <i>Current HIV/AIDS Reports</i> , 2018, 15, 199-211.	3.1	17
54	High Kynurenine:Tryptophan Ratio Is Associated With Liver Fibrosis in HIV-Monoinfected and HIV/Hepatitis C Virus Coinfected Women. <i>Open Forum Infectious Diseases</i> , 2019, 6, ofz281.	0.9	17

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55	Frailty predicts fractures among women with and at-risk for HIV. <i>Aids</i> , 2019, 33, 455-463.	2.2	17
56	HIV-1 Infection Does Not Change Disease Course or Inflammatory Pattern of SARS-CoV-2-Infected Patients Presenting at a Large Urban Medical Center in New York City. <i>Open Forum Infectious Diseases</i> , 2021, 8, ofab029.	0.9	15
57	Assessing the predictive performance of population pharmacokinetic models for intravenous polymyxin B in critically ill patients. <i>CPT: Pharmacometrics and Systems Pharmacology</i> , 2021, 10, 1525-1537.	2.5	15
58	Epigenetic Aging Biomarkers Associated With Cognitive Impairment in Older African American Adults With Human Immunodeficiency Virus (HIV). <i>Clinical Infectious Diseases</i> , 2021, 73, 1982-1991.	5.8	14
59	Low bone-mineral density in patients with HIV: pathogenesis and clinical significance. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , 2006, 13, 497-502.	0.6	13
60	Decreased bone turnover in HIV-infected children on antiretroviral therapy. <i>Archives of Osteoporosis</i> , 2018, 13, 40.	2.4	13
61	Biomarkers of Aging in HIV-Infected Children on Suppressive Antiretroviral Therapy. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2018, 78, 549-556.	2.1	13
62	Increased bone resorption during tenofovir plus lopinavir/ritonavir therapy in Chinese individuals with HIV. <i>Osteoporosis International</i> , 2015, 26, 1035-1044.	3.1	12
63	Cardiovascular Risk in HIV-Infected and Uninfected Postmenopausal Minority Women: Use of the Framingham Risk Score. <i>Journal of Women's Health</i> , 2017, 26, 241-248.	3.3	12
64	HIV Infection Is Associated With Abnormal Bone Microarchitecture: Measurement of Trabecular Bone Score in the Women's Interagency HIV Study. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2018, 78, 441-449.	2.1	12
65	Application of Selected Muscle Strength and Body Mass Cut Points for the Diagnosis of Sarcopenia in Men and Women With or at Risk for HIV Infection. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 1338-1345.	3.6	12
66	What about tocilizumab? A retrospective study from a NYC Hospital during the COVID-19 outbreak. <i>PLoS ONE</i> , 2021, 16, e0249349.	2.5	12
67	Challenges and opportunities of telehealth digital equity to manage HIV and comorbidities for older persons living with HIV in New York State. <i>BMC Health Services Research</i> , 2022, 22, 609.	2.2	12
68	Bone Loss Among Women Living With HIV. <i>Current HIV/AIDS Reports</i> , 2016, 13, 367-373.	3.1	11
69	Abdominal Fat Depots and Subclinical Carotid Artery Atherosclerosis in Women With and Without HIV Infection. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2018, 77, 308-316.	2.1	11
70	A Randomized Placebo-Controlled Trial of Low- Versus Moderate-Dose Vitamin D3 Supplementation on Bone Mineral Density in Postmenopausal Women With HIV. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2019, 80, 342-349.	2.1	11
71	Recombinant human growth hormone therapy in HIV-associated wasting and visceral adiposity. <i>Expert Review of Anti-Infective Therapy</i> , 2005, 3, 727-738.	4.4	10
72	Development and Validation of an Electronic Medical Record-Based Algorithm to Identify Patient Milestones in the Hepatitis C Virus Care Cascade. <i>Open Forum Infectious Diseases</i> , 2018, 5, ofy153.	0.9	9

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73	Treatment of Human Immunodeficiency Virus Infection With Tenofovir Disoproxil Fumarate Containing Antiretrovirals Maintains Low Bone Formation Rate, But Increases Osteoid Volume on Bone Histomorphometry. <i>Journal of Bone and Mineral Research</i> , 2019, 34, 1574-1584.	2.8	9
74	Impaired Cognition Predicts Falls Among Women With and Without HIV Infection. <i>Journal of Acquired Immune Deficiency Syndromes</i> (1999), 2020, 83, 301-309.	2.1	9
75	Bone Update: Is It Still an Issue Without Tenofovir Disoproxil Fumarate?. <i>Current HIV/AIDS Reports</i> , 2020, 17, 1-5.	3.1	9
76	Epigenetic Age in Young African American Adults With Perinatally Acquired HIV. <i>Journal of Acquired Immune Deficiency Syndromes</i> (1999), 2021, 87, 1102-1109.	2.1	9
77	Prolonged severe acute respiratory syndrome coronavirus 2 persistence, attenuated immunologic response, and viral evolution in a solid organ transplant patient. <i>American Journal of Transplantation</i> , 2022, 22, 649-653.	4.7	9
78	Human Immunodeficiency Virus (HIV) and Menopause Are Independently Associated With Lower Bone Mineral Density: Results From the Women's Interagency HIV Study. <i>Clinical Infectious Diseases</i> , 2022, 75, 65-72.	5.8	9
79	Vitamin D, bone, and HIV infection. <i>Topics in Antiviral Medicine</i> , 2012, 20, 168-72.	0.1	9
80	Serum extracellular vesicles expressing bone activity markers associate with bone loss after HIV antiretroviral therapy. <i>Aids</i> , 2020, 34, 351-361.	2.2	8
81	Circulating sclerostin is associated with bone mineral density independent of HIV-serostatus. <i>Bone Reports</i> , 2020, 12, 100279.	0.4	7
82	Deficits in Bone Architecture and Strength in Children Living With HIV on Antiretroviral Therapy. <i>Journal of Acquired Immune Deficiency Syndromes</i> (1999), 2020, 84, 101-106.	2.1	6
83	An investigation of the information technology needs associated with delivering chronic disease care to large clinical populations. <i>International Journal of Medical Informatics</i> , 2020, 137, 104099.	3.3	6
84	Brief Report: Are Serious Falls Associated With Subsequent Fragility Fractures Among Veterans Living With HIV?. <i>Journal of Acquired Immune Deficiency Syndromes</i> (1999), 2021, 88, 192-196.	2.1	6
85	Nuclear Factor of Activated T Cells and Cytokines Gene Expression of the T Cells in AIDS Patients with Immune Reconstitution Inflammatory Syndrome during Highly Active Antiretroviral Therapy. <i>Mediators of Inflammation</i> , 2017, 2017, 1-7.	3.0	5
86	Bone Quality Measured Using Calcaneal Quantitative Ultrasonography Is Reduced Among Children with HIV in Johannesburg, South Africa. <i>Journal of Pediatrics</i> , 2019, 215, 267-271.e2.	1.8	5
87	Increased Fragility Fracture Rates in Older Men With Osteomyelitis. <i>Clinical Infectious Diseases</i> , 2019, 69, 1239-1242.	5.8	5
88	Cardiovascular Risk Assessment Varies Widely by Calculator and Race/Ethnicity in a Majority Latinx Cohort Living with HIV. <i>Journal of Immigrant and Minority Health</i> , 2020, 22, 323-335.	1.6	5
89	Behavioral Functioning and Quality of Life in South African Children Living with HIV on Antiretroviral Therapy. <i>Journal of Pediatrics</i> , 2020, 227, 308-313.e2.	1.8	5
90	High Frequency of Recurrent Falls Among Pre frail and Frail Women With and Without HIV. <i>Journal of Acquired Immune Deficiency Syndromes</i> (1999), 2021, 87, 842-850.	2.1	5

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91	Unusually High Calcaneal Speed of Sound Measurements in Children with Small Foot Size. <i>Ultrasound in Medicine and Biology</i> , 2017, 43, 357-361.	1.5	4
92	Butyrylcholinesterase Levels on Admission Predict Severity and 12-Month Mortality in Hospitalized AIDS Patients. <i>Mediators of Inflammation</i> , 2018, 2018, 1-10.	3.0	4
93	Acceptability of electronic healthcare predictive analytics for HIV prevention: a qualitative study with men who have sex with men in New York City. <i>MHealth</i> , 2020, 6, 11-11.	1.6	4
94	Bone quality assessed using quantitative ultrasound at the distal radius does not differ in antiretroviral therapy-naïve HIV-positive and HIV-negative Rwandan women. <i>HIV Medicine</i> , 2016, 17, 724-727.	2.2	3
95	Abdominal fat depots, insulin resistance, and incident diabetes mellitus in women with and without HIV infection. <i>Aids</i> , 2018, 32, 1643-1650.	2.2	3
96	Impact of Tenofovir-Based Pre-exposure Prophylaxis on Biomarkers of Bone Formation, Bone Resorption, and Bone Mineral Metabolism in HIV-Negative Adults. <i>Open Forum Infectious Diseases</i> , 2019, 6, ofz338.	0.9	3
97	Bone turnover markers in children living with HIV remaining on ritonavir-boosted lopinavir or switching to efavirenz. <i>Bone</i> , 2020, 138, 115500.	2.9	3
98	Effect of HIV Envelope Vaccination on the Subsequent Antibody Response to HIV Infection. <i>MSphere</i> , 2020, 5, .	2.9	3
99	Change in Circulating Undercarboxylated Osteocalcin (ucOCN) Is Associated With Fat Accumulation in HIV-Seropositive Women. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2021, 86, e139-e145.	2.1	3
100	Development and performance of a point-of-care rapid antigen test for detection of SARS-COV-2 variants. <i>Journal of Clinical Virology Plus</i> , 2022, 2, 100080.	1.0	3
101	Fractures Are Not Associated with CD8 ⁺ T Cell Activation: An Analysis of the ACTG ALLRT Study. <i>AIDS Research and Human Retroviruses</i> , 2015, 31, 769-771.	1.1	2
102	Bone density and microarchitecture in hepatitis C and HIV-coinfected postmenopausal minority women. <i>Osteoporosis International</i> , 2018, 29, 871-879.	3.1	2
103	Vitamin D does not modulate immune-mediated bone loss during ART initiation. <i>Antiviral Therapy</i> , 2019, 24, 355-362.	1.0	2
104	The Clinical and Radiological Manifestations in Coronavirus Disease 2019 With Negative Nucleic Acid Results. <i>Open Forum Infectious Diseases</i> , 2020, 7, ofaa252.	0.9	2
105	Bone outcomes in virally suppressed youth with HIV switching to tenofovir disoproxil fumarate. <i>Southern African Journal of HIV Medicine</i> , 2021, 22, 1243.	0.9	2
106	Supervised Machine Learning Approach to Identify Early Predictors of Poor Outcome in Patients with COVID-19 Presenting to a Large Quaternary Care Hospital in New York City. <i>Journal of Clinical Medicine</i> , 2021, 10, 3523.	2.4	2
107	The combined effects of age and HIV on the anatomic distribution of cortical and cancellous bone in the femoral neck among men and women. <i>Aids</i> , 2021, Publish Ahead of Print, 2513-2522.	2.2	2
108	Longitudinal analysis of social and behavioral determinants of health in the EHR: exploring the impact of patient trajectories and documentation practices. <i>AMIA ... Annual Symposium proceedings</i> , 2019, 2019, 399-407.	0.2	2

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109	Disclosure to South African children about their own HIV status over time. <i>AIDS Care - Psychological and Socio-Medical Aspects of AIDS/HIV</i> , 2021, , 1-7.	1.2	2
110	Bone Quality in Relation to HIV and Antiretroviral Drugs. <i>Current HIV/AIDS Reports</i> , 2022, 19, 312-327.	3.1	2
111	HIV Risk Assessment using Longitudinal Electronic Health Records. <i>Open Forum Infectious Diseases</i> , 2017, 4, S419-S419.	0.9	1
112	Effect of Vitamin D3 and calcium carbonate supplementation on muscle strength in postmenopausal women living with HIV. <i>Antiviral Therapy</i> , 2021, 25, 411-418.	1.0	1
113	Switch to Efavirenz Attenuates Lipoatrophy in Girls With Perinatal HIV. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2021, 72, e15-e20.	1.8	1
114	Regional Differences in Risk of Recurrent Falls Among Older U.S. Women and Men with HIV in the HIV Infection, Aging, and Immune Function Long-Term Observational Study. <i>AIDS Research and Human Retroviruses</i> , 2022, , .	1.1	1
115	Evaluation of submaximal endurance in young children living with HIV. <i>South African Journal of Physiotherapy</i> , 2022, 78, 1613.	0.7	1
116	A4.14â€¦Increased bone turnover after switch to tenofovir + lopinavir/ritonavir in chinese HIV + patients. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, A62.1-A62.	0.9	0
117	Influence of Polymyxin B Dose on Development and Recovery of Acute Kidney Injury. <i>Open Forum Infectious Diseases</i> , 2017, 4, S299-S299.	0.9	0
118	4306 Periodontal disease and the oral microbiome in antiretroviral-treated patients with HIV. <i>Journal of Clinical and Translational Science</i> , 2020, 4, 99-100.	0.6	0
119	Bone and fat hormonal crosstalk with antiretroviral initiation. <i>Bone</i> , 2022, 154, 116208.	2.9	0
120	Human immunodeficiency virus and osteoporosis. , 2021, , 1217-1238.		0
121	Differences in Muscle Quantity and Quality by HIV Serostatus and Sex. <i>Journal of Frailty & Aging</i> , the, 0, , 1.	1.3	0
122	Abstract 19787: Cardiovascular Risk Assessment in the South Texas HIV+ Cohort: Is Risk Estimation or Risk Categorization More Appropriate for Patient Counseling?. <i>Circulation</i> , 2015, 132, .	1.6	0