Michael N Liebman

List of Publications by Year
in descending order

103 papers	5,809 citations	172457 29 h-index	74163 75 g-index
105 all docs	105 docs citations	105 times ranked	7981 citing authors

#	Article	IF	Citations
1	Intratumoral T Cells, Recurrence, and Survival in Epithelial Ovarian Cancer. New England Journal of Medicine, 2003, 348, 203-213.	27.0	2,930
2	Assessing semantic similarity measures for the characterization of human regulatory pathways. Bioinformatics, 2006, 22, 967-973.	4.1	212
3	Ascorbate Increases Human Oxaluria and Kidney Stone Risk. Journal of Nutrition, 2005, 135, 1673-1677.	2.9	161
4	Qualitative analysis of biochemical reaction systems. Computers in Biology and Medicine, 1996, 26, 9-24.	7.0	134
5	Mycophenolate mofetil versus azathioprine therapy is associated with a significant protection against long-term renal allograft function deterioration1. Transplantation, 2003, 75, 1341-1346.	1.0	130
6	Comparison of various molecular forms of bovine trypsin: correlation of infrared spectra with x-ray crystal structures. Biochemistry, 1991, 30, 133-143.	2.5	115
7	EFFECTS OF CALCIUM AND MAGNESIUM ON URINARY OXALATE EXCRETION AFTER OXALATE LOADS. Journal of Urology, 2000, 163, 1565-1569.	0.4	115
8	Hypertension is an independent predictor of survival disparity between Africanâ€American and white breast cancer patients. International Journal of Cancer, 2009, 124, 1213-1219.	5.1	114
9	Longâ€Term Use of Mycophenolate Mofetil is Associated With a Reduction in the Incidence and Risk of Late Rejection. American Journal of Transplantation, 2003, 3, 68-73.	4.7	112
10	Effect of Different Cooking Methods on Vegetable Oxalate Content. Journal of Agricultural and Food Chemistry, 2005, 53, 3027-3030.	5.2	94
11	Effect of cinnamon and turmeric on urinary oxalate excretion, plasma lipids, and plasma glucose in healthy subjects. American Journal of Clinical Nutrition, 2008, 87, 1262-1267.	4.7	91
12	Conformational variability of corrins. Some methods of analysis. Journal of the American Chemical Society, 1987, 109, 3207-3215.	13.7	81
13	Substrate and inhibitor studies of thermolysin-like neutral metalloendopeptidase from kidney membrane fractions. Comparison with bacterial thermolysin. Biochemistry, 1986, 25, 1292-1299.	2.5	70
14	Oxalate content of legumes, nuts, and grain-based flours. Journal of Food Composition and Analysis, 2005, 18, 723-729.	3.9	69
15	Probiotics and Other Key Determinants of Dietary Oxalate Absorption. Advances in Nutrition, 2011, 2, 254-260.	6.4	66
16	Structural analysis of carboxypeptidase A and its complexes with inhibitors as a basis for modeling enzyme recognition and specificity. Biopolymers, 1985, 24, 1721-1758.	2.4	62
17	Genomic instability in histologically normal breast tissues: implications for carcinogenesis. Lancet Oncology, The, 2004, 5, 753-758.	10.7	61
18	Oxalate absorption and endogenous oxalate synthesis from ascorbate in calcium oxalate stone formers and non-stone formers. American Journal of Kidney Diseases, 2004, 44, 1060-1069.	1.9	58

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19	Probiotic-induced reduction of gastrointestinal oxalate absorption in healthy subjects. Urological Research, 2010, 38, 169-178.	1.5	56
20	ASSESSMENT OF OXALATE ABSORPTION FROM ALMONDS AND BLACK BEANS WITH AND WITHOUT THE USE OF AN EXTRINSIC LABEL. Journal of Urology, 2004, 172, 953-957.	0.4	52
21	DW4TR: A Data Warehouse for Translational Research. Journal of Biomedical Informatics, 2011, 44, 1004-1019.	4.3	48
22	Asymmetrical changes in the tertiary structure of Î±-chymotrypsin with change in pH. Biochemistry, 1974, 13, 3661-3666.	2.5	47
23	Biomarkers of bone health appropriate for evaluating functional foods designed to reduce risk of osteoporosis. British Journal of Nutrition, 2002, 88, S225-S232.	2.3	46
24	Microbial oxalate degradation: Effects on oxalate and calcium balance in humans. Nutrition Research, 1989, 9, 957-964.	2.9	40
25	Effects of Bound Water on FTIR Spectra of Glycinin. Journal of Agricultural and Food Chemistry, 1996, 44, 2220-2224.	5.2	36
26	Characterization of adjacent breast tumors using oligonucleotide microarrays. Breast Cancer Research, 2001, 3, 336-41.	5.0	36
27	MicroArray Data Simulator For Improved Selection of Differentially Expressed Genes. Cancer Biology and Therapy, 2003, 2, 383-391.	3.4	36
28	Synovial fluid proteins differentiate between the subtypes of juvenile idiopathic arthritis. Arthritis and Rheumatism, 2010, 62, 1813-1823.	6.7	34
29	Generation of a substructure library for the description and classification of protein secondary structure. II. Application to spectra-structure correlations in fourier transform infrared spectroscopy. Proteins: Structure, Function and Bioinformatics, 1992, 14, 440-450.	2.6	33
30	Acute probiotic ingestion reduces gastrointestinal oxalate absorption in healthy subjects. Urological Research, 2012, 40, 191-196.	1.5	33
31	Generation of a substructure library for the description and classification of protein secondary structure. I. Overview of the methods and results. Proteins: Structure, Function and Bioinformatics, 1992, 14, 430-439.	2.6	29
32	Neural network analysis of protein tertiary structure. Tetrahedron Computer Methodology, 1990, 3, 191-211.	0.2	27
33	Biomedical informatics: development of a comprehensive data warehouse for clinical and genomic breast cancer research. Pharmacogenomics, 2004, 5, 933-941.	1.3	26
34	Clinical prediction of antidepressant response in mood disorders: Linear multivariate vs. neural network models. Psychiatry Research, 2007, 152, 223-231.	3.3	24
35	A Bayesian derived network of breast pathology co-occurrence. Journal of Biomedical Informatics, 2008, 41, 242-250.	4.3	22
36	Poly-Pharmacy Among the Elderly: Analyzing the Co-Morbidity of Hypertension and Diabetes. Current Pharmaceutical Design, 2014, 21, 791-805.	1.9	22

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37	Low oxalate bioavailability from black tea. Nutrition Research, 2007, 27, 273-278.	2.9	21
38	Drug resistance in ALK-positiveNon-small cell lungcancer patients. Seminars in Cell and Developmental Biology, 2017, 64, 150-157.	5.0	21
39	When and why carbohydrate restriction can be a viable option. Nutrition, 2014, 30, 748-754.	2.4	20
40	Modeling and Simulation of Pathways in Menopause. Journal of the American Medical Informatics Association: JAMIA, 2002, 9, 461-471.	4.4	18
41	Oxalate content of selected breads and crackers. Journal of Food Composition and Analysis, 2010, 23, 118-121.	3.9	17
42	Promoting Healthy Weight: Lessons Learned from WIN the Rockies and Other Key Studies. Journal of Nutrition Education and Behavior, 2005, 37, S95-S100.	0.7	16
43	Modeling Biological Pathways. ACS Symposium Series, 1994, , 221-234.	0.5	15
44	A Comparison of Two Extraction Methods for Food Oxalate Assessment. Journal of Food Research, 2012, 1, .	0.3	15
45	Co-Occurrence Analysis for Discovery of Novel Breast Cancer Pathology Patterns. IEEE Transactions on Information Technology in Biomedicine, 2006, 10, 497-503.	3.2	14
46	A Novel Cross-Disciplinary Multi-Institute Approach to Translational Cancer Research: Lessons Learned from Pennsylvania Cancer Alliance Bioinformatics Consortium (PCABC). Cancer Informatics, 2007, 3, 117693510700300.	1.9	14
47	Effect of supplemental ascorbate and orange juice on urinary oxalate. Nutrition Research, 1997, 17, 415-425.	2.9	13
48	Qualitative modeling of normal blood coagulation and its pathological states using stochastic activity networks. International Journal of Biological Macromolecules, 1997, 20, 265-281.	7.5	13
49	Olestra and fat inhibit oxalate absorption. Nutrition Research, 1999, 19, 1277-1285.	2.9	12
50	Dietary intake-, eating behavior-, and physical activity-related determinants of high body mass index in the 2003 Wellness IN the Rockies cross-sectional study. Nutrition Research, 2006, 26, 111-117.	2.9	12
51	Effect of different brewing times on soluble oxalate content of loose-packed black teas and tea bags. Urolithiasis, 2013, 41, 15-19.	2.0	12
52	Shifting the Paradigm: The Dress-COV Telegram Bot as a Tool for Participatory Medicine. International Journal of Environmental Research and Public Health, 2020, 17, 8786.	2.6	12
53	Calcium and zinc balances during consumption of high and low oxalate-containing vegetables. Nutrition Research, 1989, 9, 947-955.	2.9	11
54	Personalized medicine: a perspective on the patient, disease and causal diagnostics. Personalized Medicine, 2007, 4, 171-174.	1.5	11

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55	Expanding the perspective of translational medicine: the value of observational data. Journal of Translational Medicine, 2012, 10, 61.	4.4	11
56	Iron and folate status of an adolescent female population. Nutrition Research, 1985, 5, 621-625.	2.9	10
57	Calcium Additives and Sprouted Wheat Effects on Phytate Hydrolysis in Whole Wheat Bread. Journal of Food Science, 1992, 57, 118-120.	3.1	10
58	Oxalate contents of commonly used Chinese medicinal herbs. Journal of Traditional Chinese Medicine = Chung I Tsa Chih Ying Wen Pan / Sponsored By All-China Association of Traditional Chinese Medicine, Academy of Traditional Chinese Medicine, 2015, 35, 594-599.	0.4	10
59	Quantitative analysis of structural domains in protein. Biophysical Journal, 1980, 32, 213-215.	0.5	9
60	Calcium and zinc balances of premenopausal women consuming spinach- compared to cheese-containing diets. Nutrition Research, 1987, 7, 907-914.	2.9	9
61	Biomedical informatics: the future for drug development. Drug Discovery Today, 2002, 7, s197-s203.	6.4	9
62	The Prediction of Drug-Disease Correlation Based on Gene Expression Data. BioMed Research International, 2018, 2018, 1-6.	1.9	9
63	Advancing nonclinical innovation and safety in pharmaceutical testing. Drug Discovery Today, 2019, 24, 624-628.	6.4	9
64	Macro-structural organization of phosphoglycerate mutase. Biochemical and Biophysical Research Communications, 1984, 121, 826-833.	2.1	8
65	Plasma lipid alterations in vegetarian males resulting from the substitution of tofu for cheese. Nutrition Research, 1986, 6, 1343-1352.	2.9	8
66	Molecular modeling of protein structure and function: A bioinformatic approach. Journal of Computer-Aided Molecular Design, 1988, 1, 323-341.	2.9	8
67	The international effort: building the bridge for Translational Medicine: Report of the 1st International Conference of Translational Medicine (ICTM). Clinical and Translational Medicine, 2012, 1, 15.	4.0	8
68	The application of observational data in translational medicine: analyzing tobacco-use behaviors of adolescents. Journal of Translational Medicine, 2012, 10, 89.	4.4	7
69	Calcium and zinc balances of premenopausal women consuming tofu-compared to cheese-containing diets. Nutrition Research, 1989, 9, 5-14.	2.9	6
70	Opening Pandora's Box: Clinical Data and the Study of Complex Diseases. Science Signaling, 2002, 2002, pe20-pe20.	3.6	6
71	Detecting Outlier Microarray Arrays by Correlation and Percentage of Outliers Spots. Cancer Informatics, 2006, 2, 117693510600200.	1.9	6
72	The economics of biobanking and pharmacogenetics databasing. Technology and Health Care, 2013, 21, 183-190.	1.2	6

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73	Integrated information for integrated care in the general practice setting in Italy: using social network analysis to go beyond the diagnosis of frailty in the elderly. Clinical and Translational Medicine, 2016, 5, 24.	4.0	6
74	Effect of soybean fiber and phytate on serum zinc response. Nutrition Research, 1989, 9, 127-132.	2.9	5
75	USE OF THE BACKPROPAGATION NEURAL NETWORK ALGORITHM FOR PREDICTION OF PROTEIN FOLDING PATTERNS. , 1993, , .		5
76	Oxalate content of selected pasta products. Journal of Food Composition and Analysis, 2009, 22, 254-256.	3.9	5
77	Applications of an adaptive knowledge platform in translational medicine for breast cancer. Technology and Health Care, 2011, 19, 349-354.	1.2	5
78	QAIT: A quality assurance issue tracking tool to facilitate the improvement of clinical data quality. Computer Methods and Programs in Biomedicine, 2013, 109, 86-91.	4.7	5
79	A global resource to translational medicine: the International Park of Translational Medicine and BioMedicine (IPTBM). Journal of Translational Medicine, 2013, 11, 8.	4.4	5
80	Effects of coarse wheat bran fiber and exercise on glucose and insulin levels in moderately overweight men. Nutrition Research, 1984, 4, 165-179.	2.9	3
81	Analysis of the biomacromolecular architecture of eukaryotic and prokaryotic serine proteases. Journal of Industrial Microbiology, 1988, 3, 127-137.	0.9	3
82	APPLICATION OF NEURAL NETWORKS TO THE ANALYSIS OF STRUCTURE AND FUNCTION IN BIOLOGICALLY ACTIVE MACROMOLECULES. , 1993, , .		3
83	Data Management Systems: Science versus Technology?. OMICS A Journal of Integrative Biology, 2003, 7, 67-69.	2.0	3
84	An Engineering Approach to Translational Medicine. American Scientist, 2005, 93, 296.	0.1	3
85	Dietary and anthropometric determinants of plasma lipids and blood pressure in vegetarian males. Nutrition Research, 1984, 4, 561-565.	2.9	2
86	Molecular Modeling of Microtubule Inhibitors and the Colchicine Binding Site on Tubulin. Annals of the New York Academy of Sciences, 1986, 466, 788-790.	3.8	2
87	Hypothesis Generation and Evaluation in Clinical Trial Design. , 2011, , .		2
88	Computational modeling and epidemiologic approaches: a new section of the journal of translational medicine. Journal of Translational Medicine, 2012, 10, 210.	4.4	2
89	Development and promotion in translational medicine: perspectives from 2012 sinoâ€american symposium on clinical and translational medicine. Clinical and Translational Medicine, 2012, 1, 25.	4.0	2
90	Translational Informatics Connects Realâ€World Information to Knowledge in an Increasingly Dataâ€Driven World. Clinical Pharmacology and Therapeutics, 2020, 107, 738-741.	4.7	2

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91	Translational Research and Biomedical Informatics. Methods in Molecular Biology, 2009, 563, 369-378.	0.9	2
92	Structureâ€"Function Analysis of Amino Acid Substitutions in Proteins. ACS Symposium Series, 1994, , 185-208.	0.5	1
93	Application of neural networks to the analysis of structure and function in biologically active macromolecules. Mathematics and Computers in Simulation, 1995, 40, 5-22.	4.4	1
94	FTIR spectroscopy and sequence prediction: Structure of human Î±[sub 2]-macroglobulin. , 1998, , .		1
95	Bridging the gap between translational medicine and unmet clinical needs. Technology and Health Care, 2014, 23, 109-118.	1.2	1
96	An Engineering Approach to Translation Medicine. American Scientist, 2005, 93, 296.	0.1	1
97	Structural Elements Involved in Allosteric Switch in Mammalian Pyruvate Kinase. ACS Symposium Series, 1994, , 466-485.	0.5	0
98	Company Profile: Strategic Medicine, Inc. and Strategic Medicine, BV. Personalized Medicine, 2013, 10, 633-637.	1.5	0
99	Effect of Blending and the Simultaneous Ingestion of a Probiotic Containing Oxalate-Degrading Bacteria on Oxalate Absorption. Journal of Food Research, 2015, 5, 75.	0.3	0
100	A clarion call to the community of current and potential journal reviewers. Journal of Translational Medicine, 2018, 16, 200.	4.4	0
101	Structure-Function Modeling in Blood Coagulation: Interfaces, Biology and Chemistry. , 1994, , 139-148.		0
102	Abstract 3936: Identification and validation of the potential biomarker insulin-like growth factor binding protein acid-labile subunit for breast cancer in African American women. , 2016, , .		0
103	Molecular modelling approaches to the correlation of structure and solution properties of the serine proteases. Acta Crystallographica Section A: Foundations and Advances, 1984, 40, C33-C33.	0.3	0