

Michael N Liebman

List of Publications by Year in descending order

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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	Translational Informatics Connects Real-World Information to Knowledge in an Increasingly Data-Driven World. <i>Clinical Pharmacology and Therapeutics</i> , 2020, 107, 738-741.	4.7	2
2	Shifting the Paradigm: The Dress-COV Telegram Bot as a Tool for Participatory Medicine. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8786.	2.6	12
3	Advancing nonclinical innovation and safety in pharmaceutical testing. <i>Drug Discovery Today</i> , 2019, 24, 624-628.	6.4	9
4	A clarion call to the community of current and potential journal reviewers. <i>Journal of Translational Medicine</i> , 2018, 16, 200.	4.4	0
5	The Prediction of Drug-Disease Correlation Based on Gene Expression Data. <i>BioMed Research International</i> , 2018, 2018, 1-6.	1.9	9
6	Drug resistance in ALK-positive Non-small cell lung cancer patients. <i>Seminars in Cell and Developmental Biology</i> , 2017, 64, 150-157.	5.0	21
7	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. <i>Clinical and Translational Medicine</i> , 2016, 5, 24.	4.0	6
8	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
9	Oxalate contents of commonly used Chinese medicinal herbs. <i>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</i> , 2015, 35, 594-599.	0.4	10
10	Effect of Blending and the Simultaneous Ingestion of a Probiotic Containing Oxalate-Degrading Bacteria on Oxalate Absorption. <i>Journal of Food Research</i> , 2015, 5, 75.	0.3	0
11	Bridging the gap between translational medicine and unmet clinical needs. <i>Technology and Health Care</i> , 2014, 23, 109-118.	1.2	1
12	When and why carbohydrate restriction can be a viable option. <i>Nutrition</i> , 2014, 30, 748-754.	2.4	20
13	Poly-Pharmacy Among the Elderly: Analyzing the Co-Morbidity of Hypertension and Diabetes. <i>Current Pharmaceutical Design</i> , 2014, 21, 791-805.	1.9	22
14	QAiT: A quality assurance issue tracking tool to facilitate the improvement of clinical data quality. <i>Computer Methods and Programs in Biomedicine</i> , 2013, 109, 86-91.	4.7	5
15	Effect of different brewing times on soluble oxalate content of loose-packed black teas and tea bags. <i>Urolithiasis</i> , 2013, 41, 15-19.	2.0	12
16	A global resource to translational medicine: the International Park of Translational Medicine and BioMedicine (IPTBM). <i>Journal of Translational Medicine</i> , 2013, 11, 8.	4.4	5
17	Company Profile: Strategic Medicine, Inc. and Strategic Medicine, BV. <i>Personalized Medicine</i> , 2013, 10, 633-637.	1.5	0
18	The economics of biobanking and pharmacogenetics databasing. <i>Technology and Health Care</i> , 2013, 21, 183-190.	1.2	6

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19	A Comparison of Two Extraction Methods for Food Oxalate Assessment. Journal of Food Research, 2012, 1, .	0.3	15
20	Computational modeling and epidemiologic approaches: a new section of the journal of translational medicine. Journal of Translational Medicine, 2012, 10, 210.	4.4	2
21	The application of observational data in translational medicine: analyzing tobacco-use behaviors of adolescents. Journal of Translational Medicine, 2012, 10, 89.	4.4	7
22	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
23	Development and promotion in translational medicine: perspectives from 2012 sino-american symposium on clinical and translational medicine. Clinical and Translational Medicine, 2012, 1, 25.	4.0	2
24	Acute probiotic ingestion reduces gastrointestinal oxalate absorption in healthy subjects. Urological Research, 2012, 40, 191-196.	1.5	33
25	Expanding the perspective of translational medicine: the value of observational data. Journal of Translational Medicine, 2012, 10, 61.	4.4	11
26	Hypothesis Generation and Evaluation in Clinical Trial Design. , 2011, , .		2
27	Applications of an adaptive knowledge platform in translational medicine for breast cancer. Technology and Health Care, 2011, 19, 349-354.	1.2	5
28	DW4TR: A Data Warehouse for Translational Research. Journal of Biomedical Informatics, 2011, 44, 1004-1019.	4.3	48
29	Probiotics and Other Key Determinants of Dietary Oxalate Absorption. Advances in Nutrition, 2011, 2, 254-260.	6.4	66
30	Probiotic-induced reduction of gastrointestinal oxalate absorption in healthy subjects. Urological Research, 2010, 38, 169-178.	1.5	56
31	Synovial fluid proteins differentiate between the subtypes of juvenile idiopathic arthritis. Arthritis and Rheumatism, 2010, 62, 1813-1823.	6.7	34
32	Oxalate content of selected breads and crackers. Journal of Food Composition and Analysis, 2010, 23, 118-121.	3.9	17
33	Hypertension is an independent predictor of survival disparity between African-american and white breast cancer patients. International Journal of Cancer, 2009, 124, 1213-1219.	5.1	114
34	Oxalate content of selected pasta products. Journal of Food Composition and Analysis, 2009, 22, 254-256.	3.9	5
35	Translational Research and Biomedical Informatics. Methods in Molecular Biology, 2009, 563, 369-378.	0.9	2
36	A Bayesian derived network of breast pathology co-occurrence. Journal of Biomedical Informatics, 2008, 41, 242-250.	4.3	22

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37	Effect of cinnamon and turmeric on urinary oxalate excretion, plasma lipids, and plasma glucose in healthy subjects. <i>American Journal of Clinical Nutrition</i> , 2008, 87, 1262-1267.	4.7	91
38	Personalized medicine: a perspective on the patient, disease and causal diagnostics. <i>Personalized Medicine</i> , 2007, 4, 171-174.	1.5	11
39	Clinical prediction of antidepressant response in mood disorders: Linear multivariate vs. neural network models. <i>Psychiatry Research</i> , 2007, 152, 223-231.	3.3	24
40	Low oxalate bioavailability from black tea. <i>Nutrition Research</i> , 2007, 27, 273-278.	2.9	21
41	A Novel Cross-Disciplinary Multi-Institute Approach to Translational Cancer Research: Lessons Learned from Pennsylvania Cancer Alliance Bioinformatics Consortium (PCABC). <i>Cancer Informatics</i> , 2007, 3, 117693510700300.	1.9	14
42	Dietary intake-, eating behavior-, and physical activity-related determinants of high body mass index in the 2003 Wellness IN the Rockies cross-sectional study. <i>Nutrition Research</i> , 2006, 26, 111-117.	2.9	12
43	Detecting Outlier Microarray Arrays by Correlation and Percentage of Outliers Spots. <i>Cancer Informatics</i> , 2006, 2, 117693510600200.	1.9	6
44	Co-Occurrence Analysis for Discovery of Novel Breast Cancer Pathology Patterns. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2006, 10, 497-503.	3.2	14
45	Assessing semantic similarity measures for the characterization of human regulatory pathways. <i>Bioinformatics</i> , 2006, 22, 967-973.	4.1	212
46	Ascorbate Increases Human Oxaluria and Kidney Stone Risk. <i>Journal of Nutrition</i> , 2005, 135, 1673-1677.	2.9	161
47	Oxalate content of legumes, nuts, and grain-based flours. <i>Journal of Food Composition and Analysis</i> , 2005, 18, 723-729.	3.9	69
48	Promoting Healthy Weight: Lessons Learned from WIN the Rockies and Other Key Studies. <i>Journal of Nutrition Education and Behavior</i> , 2005, 37, S95-S100.	0.7	16
49	Effect of Different Cooking Methods on Vegetable Oxalate Content. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 3027-3030.	5.2	94
50	An Engineering Approach to Translation Medicine. <i>American Scientist</i> , 2005, 93, 296.	0.1	1
51	An Engineering Approach to Translational Medicine. <i>American Scientist</i> , 2005, 93, 296.	0.1	3
52	Biomedical informatics: development of a comprehensive data warehouse for clinical and genomic breast cancer research. <i>Pharmacogenomics</i> , 2004, 5, 933-941.	1.3	26
53	Oxalate absorption and endogenous oxalate synthesis from ascorbate in calcium oxalate stone formers and non-stone formers. <i>American Journal of Kidney Diseases</i> , 2004, 44, 1060-1069.	1.9	58
54	ASSESSMENT OF OXALATE ABSORPTION FROM ALMONDS AND BLACK BEANS WITH AND WITHOUT THE USE OF AN EXTRINSIC LABEL. <i>Journal of Urology</i> , 2004, 172, 953-957.	0.4	52

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55	Genomic instability in histologically normal breast tissues: implications for carcinogenesis. <i>Lancet Oncology</i> , 2004, 5, 753-758.	10.7	61
56	Long-Term Use of Mycophenolate Mofetil is Associated With a Reduction in the Incidence and Risk of Late Rejection. <i>American Journal of Transplantation</i> , 2003, 3, 68-73.	4.7	112
57	Intratumoral T Cells, Recurrence, and Survival in Epithelial Ovarian Cancer. <i>New England Journal of Medicine</i> , 2003, 348, 203-213.	27.0	2,930
58	Data Management Systems: Science versus Technology?. <i>OMICS A Journal of Integrative Biology</i> , 2003, 7, 67-69.	2.0	3
59	MicroArray Data Simulator For Improved Selection of Differentially Expressed Genes. <i>Cancer Biology and Therapy</i> , 2003, 2, 383-391.	3.4	36
60	Mycophenolate mofetil versus azathioprine therapy is associated with a significant protection against long-term renal allograft function deterioration ¹ . <i>Transplantation</i> , 2003, 75, 1341-1346.	1.0	130
61	Biomarkers of bone health appropriate for evaluating functional foods designed to reduce risk of osteoporosis. <i>British Journal of Nutrition</i> , 2002, 88, S225-S232.	2.3	46
62	Modeling and Simulation of Pathways in Menopause. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2002, 9, 461-471.	4.4	18
63	Opening Pandora's Box: Clinical Data and the Study of Complex Diseases. <i>Science Signaling</i> , 2002, 2002, pe20-pe20.	3.6	6
64	Biomedical informatics: the future for drug development. <i>Drug Discovery Today</i> , 2002, 7, s197-s203.	6.4	9
65	Characterization of adjacent breast tumors using oligonucleotide microarrays. <i>Breast Cancer Research</i> , 2001, 3, 336-41.	5.0	36
66	EFFECTS OF CALCIUM AND MAGNESIUM ON URINARY OXALATE EXCRETION AFTER OXALATE LOADS. <i>Journal of Urology</i> , 2000, 163, 1565-1569.	0.4	115
67	Olestra and fat inhibit oxalate absorption. <i>Nutrition Research</i> , 1999, 19, 1277-1285.	2.9	12
68	FTIR spectroscopy and sequence prediction: Structure of human Î± ₂ -macroglobulin. , 1998, , .		1
69	Effect of supplemental ascorbate and orange juice on urinary oxalate. <i>Nutrition Research</i> , 1997, 17, 415-425.	2.9	13
70	Qualitative modeling of normal blood coagulation and its pathological states using stochastic activity networks. <i>International Journal of Biological Macromolecules</i> , 1997, 20, 265-281.	7.5	13
71	Effects of Bound Water on FTIR Spectra of Glycinin. <i>Journal of Agricultural and Food Chemistry</i> , 1996, 44, 2220-2224.	5.2	36
72	Qualitative analysis of biochemical reaction systems. <i>Computers in Biology and Medicine</i> , 1996, 26, 9-24.	7.0	134

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73	Application of neural networks to the analysis of structure and function in biologically active macromolecules. <i>Mathematics and Computers in Simulation</i> , 1995, 40, 5-22.	4.4	1
74	Structural Elements Involved in Allosteric Switch in Mammalian Pyruvate Kinase. <i>ACS Symposium Series</i> , 1994, , 466-485.	0.5	0
75	Modeling Biological Pathways. <i>ACS Symposium Series</i> , 1994, , 221-234.	0.5	15
76	Structure-Function Analysis of Amino Acid Substitutions in Proteins. <i>ACS Symposium Series</i> , 1994, , 185-208.	0.5	1
77	Structure-Function Modeling in Blood Coagulation: Interfaces, Biology and Chemistry. , 1994, , 139-148.		0
78	APPLICATION OF NEURAL NETWORKS TO THE ANALYSIS OF STRUCTURE AND FUNCTION IN BIOLOGICALLY ACTIVE MACROMOLECULES. , 1993, , .		3
79	USE OF THE BACKPROPAGATION NEURAL NETWORK ALGORITHM FOR PREDICTION OF PROTEIN FOLDING PATTERNS. , 1993, , .		5
80	Generation of a substructure library for the description and classification of protein secondary structure. I. Overview of the methods and results. <i>Proteins: Structure, Function and Bioinformatics</i> , 1992, 14, 430-439.	2.6	29
81	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. <i>Proteins: Structure, Function and Bioinformatics</i> , 1992, 14, 440-450.	2.6	33
82	Calcium Additives and Sprouted Wheat Effects on Phytate Hydrolysis in Whole Wheat Bread. <i>Journal of Food Science</i> , 1992, 57, 118-120.	3.1	10
83	Comparison of various molecular forms of bovine trypsin: correlation of infrared spectra with x-ray crystal structures. <i>Biochemistry</i> , 1991, 30, 133-143.	2.5	115
84	Neural network analysis of protein tertiary structure. <i>Tetrahedron Computer Methodology</i> , 1990, 3, 191-211.	0.2	27
85	Effect of soybean fiber and phytate on serum zinc response. <i>Nutrition Research</i> , 1989, 9, 127-132.	2.9	5
86	Calcium and zinc balances during consumption of high and low oxalate-containing vegetables. <i>Nutrition Research</i> , 1989, 9, 947-955.	2.9	11
87	Calcium and zinc balances of premenopausal women consuming tofu-compared to cheese-containing diets. <i>Nutrition Research</i> , 1989, 9, 5-14.	2.9	6
88	Microbial oxalate degradation: Effects on oxalate and calcium balance in humans. <i>Nutrition Research</i> , 1989, 9, 957-964.	2.9	40
89	Molecular modeling of protein structure and function: A bioinformatic approach. <i>Journal of Computer-Aided Molecular Design</i> , 1988, 1, 323-341.	2.9	8
90	Analysis of the biomacromolecular architecture of eukaryotic and prokaryotic serine proteases. <i>Journal of Industrial Microbiology</i> , 1988, 3, 127-137.	0.9	3

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91	Calcium and zinc balances of premenopausal women consuming spinach- compared to cheese-containing diets. <i>Nutrition Research</i> , 1987, 7, 907-914.	2.9	9
92	Conformational variability of corrins. Some methods of analysis. <i>Journal of the American Chemical Society</i> , 1987, 109, 3207-3215.	13.7	81
93	Plasma lipid alterations in vegetarian males resulting from the substitution of tofu for cheese. <i>Nutrition Research</i> , 1986, 6, 1343-1352.	2.9	8
94	Substrate and inhibitor studies of thermolysin-like neutral metalloendopeptidase from kidney membrane fractions. Comparison with bacterial thermolysin. <i>Biochemistry</i> , 1986, 25, 1292-1299.	2.5	70
95	Molecular Modeling of Microtubule Inhibitors and the Colchicine Binding Site on Tubulin. <i>Annals of the New York Academy of Sciences</i> , 1986, 466, 788-790.	3.8	2
96	Structural analysis of carboxypeptidase A and its complexes with inhibitors as a basis for modeling enzyme recognition and specificity. <i>Biopolymers</i> , 1985, 24, 1721-1758.	2.4	62
97	Iron and folate status of an adolescent female population. <i>Nutrition Research</i> , 1985, 5, 621-625.	2.9	10
98	Effects of coarse wheat bran fiber and exercise on glucose and insulin levels in moderately overweight men. <i>Nutrition Research</i> , 1984, 4, 165-179.	2.9	3
99	Dietary and anthropometric determinants of plasma lipids and blood pressure in vegetarian males. <i>Nutrition Research</i> , 1984, 4, 561-565.	2.9	2
100	Macro-structural organization of phosphoglycerate mutase. <i>Biochemical and Biophysical Research Communications</i> , 1984, 121, 826-833.	2.1	8
101	Molecular modelling approaches to the correlation of structure and solution properties of the serine proteases. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 1984, 40, C33-C33.	0.3	0
102	Quantitative analysis of structural domains in protein. <i>Biophysical Journal</i> , 1980, 32, 213-215.	0.5	9
103	Asymmetrical changes in the tertiary structure of $\hat{1}\pm$ -chymotrypsin with change in pH. <i>Biochemistry</i> , 1974, 13, 3661-3666.	2.5	47