

# Lewis Joel Greene

## List of Publications by Year in descending order

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103  
papers

4,157  
citations

125106

35  
h-index

134545

62  
g-index

106  
all docs

106  
docs citations

106  
times ranked

4214  
citing authors

#	ARTICLE	IF	CITATIONS
1	Isolation of bradykinin-potentiating peptides from Bothrops jararaca venom. <i>Biochemistry</i> , 1970, 9, 2583-2593.	1.2	524
2	Intestinal permeability and systemic infections in critically ill patients: Effect of glutamine*. <i>Critical Care Medicine</i> , 2005, 33, 1125-1135.	0.4	305
3	Activity of Various Fractions of Bradykinin Potentiating Factor against Angiotensin I Converting Enzyme. <i>Nature</i> , 1970, 225, 379-380.	13.7	186
4	An improved fluorometric assay of rat serum and plasma converting enzyme.. <i>Hypertension</i> , 1985, 7, 244-252.	1.3	137
5	Preparation, assay, and partial characterization of a neutral endopeptidase from rabbit brain. <i>Biochemistry</i> , 1973, 12, 1838-1844.	1.2	119
6	Structural and functional characterization of an acidic platelet aggregation inhibitor and hypotensive phospholipase A2 from Bothrops jararacussu snake venom. <i>Biochemical Pharmacology</i> , 2002, 64, 723-732.	2.0	104
7	The primary structure of the human pancreatic secretory trypsin inhibitor. <i>Archives of Biochemistry and Biophysics</i> , 1977, 179, 189-199.	1.4	103
8	Bradykinin potentiating peptide PCA-Lys-Trp-Ala-Pro. <i>Biochemical Pharmacology</i> , 1971, 20, 1557-1567.	2.0	97
9	Evidence that prolyl endopeptidase participates in the processing of brain angiotensin. <i>Journal of Hypertension</i> , 1991, 9, 631-638.	0.3	95
10	A convenient manual trinitrobenzenesulfonic acid method for monitoring amino acids and peptides in chromatographic column effluents. <i>Analytical Biochemistry</i> , 1979, 96, 317-321.	1.1	91
11	Studies on the Guinea Pig Pancreas. <i>Journal of Biological Chemistry</i> , 1974, 249, 7420-7431.	1.6	85
12	The analgesic activity of crotamine, a neurotoxin from <i>Crotalus durissus terrificus</i> (South American) Tj ETQq0 0 0 rBT /Overlock 10 Tf 5	0.8	78
13	The Ontogeny of Isosmotic Intracellular Regulation in the Diadromous, Freshwater Palaemonid Shrimps, <i>Macrobrachium Amazonicum</i> and <i>M. Olfersi</i> (Decapoda). <i>Journal of Crustacean Biology</i> , 2007, 27, 626-634.	0.3	77
14	Acute-phase protein Î±-1-acid glycoprotein mediates neutrophil migration failure in sepsis by a nitric oxide-dependent mechanism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 19595-19600.	3.3	76
15	Changes in the proteomic profile during differentiation and maturation of human monocyte-derived dendritic cells stimulated with granulocyte macrophage colony stimulating factor/interleukin-4 and lipopolysaccharide. <i>Proteomics</i> , 2005, 5, 1186-1198.	1.3	74
16	Trypsin Inhibitor from Human Pancreas and Pancreatic Juice. <i>Journal of Biological Chemistry</i> , 1974, 249, 2235-2242.	1.6	74
17	<i>Toxoplasma gondii</i> micronemal protein MIC1 is a lactose-binding lectin. <i>Glycobiology</i> , 2001, 11, 541-547.	1.3	72
18	Brain endo-oligopeptidase B: a post-proline cleaving enzyme that inactivates angiotensin I and II.. <i>Hypertension</i> , 1982, 4, 178-184.	1.3	71

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19	KM+, a mannose-binding lectin from <i>artocarpus integrifolia</i> : Amino acid sequence, predicted tertiary structure, carbohydrate recognition, and analysis of the $\beta$ -prism fold. <i>Protein Science</i> , 1999, 8, 13-24.	3.1	68
20	Epidemiological data and mortality rate of patients hospitalized with burns in Brazil. <i>Burns</i> , 1998, 24, 433-438.	1.1	67
21	[72] Human pancreatic secretory trypsin inhibitor. <i>Methods in Enzymology</i> , 1976, 45, 813-825.	0.4	65
22	BRAIN PEPTIDASES: CONVERSION AND INACTIVATION OF KININ HORMONES. <i>Journal of Neurochemistry</i> , 1972, 19, 37-49.	2.1	63
23	Free amino acid pools as effectors of osmotic adjustment in different tissues of the freshwater shrimp <i>macrobrachium molfersii</i> (crustacea, decapoda) during long-term salinity acclimation. <i>Marine and Freshwater Behaviour and Physiology</i> , 2004, 37, 193-208.	0.4	61
24	Stable SET knockdown in head and neck squamous cell carcinoma promotes cell invasion and the mesenchymal-like phenotype in vitro, as well as necrosis, cisplatin sensitivity and lymph node metastasis in xenograft tumor models. <i>Molecular Cancer</i> , 2014, 13, 32.	7.9	57
25	Pharmacological Nutrition After Burn Injury. <i>Journal of Nutrition</i> , 1998, 128, 797-803.	1.3	53
26	Evolutionary transition to freshwater by ancestral marine palaemonids: evidence from osmoregulation in a tide pool shrimp. <i>Aquatic Biology</i> , 2009, 7, 113-122.	0.5	52
27	A gas chromatography-mass spectrometry method for the quantitative analysis of melatonin in plasma and cerebrospinal fluid. <i>Analytical Biochemistry</i> , 1977, 81, 283-291.	1.1	49
28	Isolation, purification, and physicochemical characterization of a d-galactose-binding lectin from seeds of <i>Erythrina speciosa</i> . <i>Archives of Biochemistry and Biophysics</i> , 2003, 410, 222-229.	1.4	49
29	Adaptive shifts in osmoregulatory strategy and the invasion of freshwater by brachyuran crabs: evidence from <i>Dilocarcinus pagei</i> (Trichodactylidae). <i>Journal of Experimental Zoology</i> , 2007, 307A, 688-698.	1.2	45
30	The Primary Structure of the Porcine Pancreatic Secretory Trypsin Inhibitor I. <i>Journal of Biological Chemistry</i> , 1971, 246, 2218-2229.	1.6	43
31	Inhibition of Neutrophil Migration by Hemopexin Leads to Increased Mortality Due to Sepsis in Mice. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 183, 922-931.	2.5	40
32	Proteomic and SAGE profiling of murine melanoma progression indicates the reduction of proteins responsible for ROS degradation. <i>Proteomics</i> , 2006, 6, 1460-1470.	1.3	39
33	Proton transfer mass spectrometry of underivatized peptides. <i>Biochemistry</i> , 1974, 13, 5060-5068.	1.2	36
34	Volatility enhancement of thyrotropin releasing hormone for mass spectrometric studies. <i>Biochemical and Biophysical Research Communications</i> , 1972, 46, 1082-1088.	1.0	35
35	Characterization of protein hydrolyzates prepared for enteral nutrition. <i>Journal of Agricultural and Food Chemistry</i> , 1993, 41, 1432-1438.	2.4	35
36	Refolding and Purification of Bothropstoxin-I, a Lys49-Phospholipase A2 Homologue, Expressed as Inclusion Bodies in <i>Escherichia coli</i> . <i>Protein Expression and Purification</i> , 2001, 21, 134-140.	0.6	35

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37	Proteomic analysis of total cellular proteins of human neutrophils. <i>Proteome Science</i> , 2009, 7, 32.	0.7	33
38	A proteomic signature of ovarian cancer tumor fluid identified by highthroughput and verified by targeted proteomics. <i>Journal of Proteomics</i> , 2016, 145, 226-236.	1.2	33
39	Effect of chronic angiotensin converting enzyme inhibition on angiotensin I and bradykinin metabolism in rats. <i>American Journal of Hypertension</i> , 1999, 12, 1021-1029.	1.0	31
40	Characterization of a tissue kallikrein inhibitor isolated from <i>Bauhinia bauhinioides</i> seeds: inhibition of the hydrolysis of kininogen related substrates. <i>Immunopharmacology</i> , 1999, 45, 163-169.	2.0	30
41	Fluorescence properties of tryptophan residues in the monomeric d-chain of <i>Glossoscolex paulistus</i> hemoglobin: an interpretation based on a comparative molecular model. <i>Biophysical Chemistry</i> , 2002, 97, 139-157.	1.5	28
42	A quantitative proteomic and transcriptomic comparison of human mesenchymal stem cells from bone marrow and umbilical cord vein. <i>Proteomics</i> , 2012, 12, 2607-2617.	1.3	28
43	The Structure of the Bovine Pancreatic Secretory Trypsin Inhibitor—Kazal's Inhibitor. <i>Journal of Biological Chemistry</i> , 1971, 246, 7740-7747.	1.6	28
44	Neuroendocrine Control of Osmotic Regulation in the Freshwater Shrimp <i>Macrobrachium olfersii</i> (Wiegmann) (Crustacea, Decapoda): Free Amino Acid Concentrations in the Hemolymph. <i>General and Comparative Endocrinology</i> , 1995, 100, 83-91.	0.8	27
45	Amino acid sequence and tertiary structure of <i>Cratylia mollis</i> seed lectin. <i>Glycobiology</i> , 2003, 13, 961-972.	1.3	27
46	Efficient constitutive expression of <i>Bacillus subtilis</i> xylanase A in <i>Escherichia coli</i> DH5 $\alpha$ under the control of the <i>Bacillus</i> BsXA promoter. <i>Biotechnology and Applied Biochemistry</i> , 2006, 43, 9.	1.4	27
47	Angiotensin-converting enzyme: Serum levels during normal pregnancy. <i>American Journal of Obstetrics and Gynecology</i> , 1979, 135, 586-589.	0.7	26
48	A Hypothesis Regarding the Function of Angiotensin Peptides in the Brain. <i>Clinical and Experimental Hypertension</i> , 1988, 10, 107-121.	0.3	26
49	Amino Acid Sequence of a New 2S Albumin from <i>Ricinus communis</i> Which Is Part of a 29-kDa Precursor Protein. <i>Archives of Biochemistry and Biophysics</i> , 1996, 336, 10-18.	1.4	26
50	Glucoamylase activity from the thermophilic fungus <i>Scytalidium thermophilum</i> . <i>Biochemical and regulatory properties</i> . <i>Journal of Basic Microbiology</i> , 2000, 40, 83-92.	1.8	26
51	Disrupting membrane raft domains by alkylphospholipids. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2013, 1828, 1384-1389.	1.4	26
52	Taurine supplementation preserves hypothalamic leptin action in normal and protein-restricted mice fed on a high-fat diet. <i>Amino Acids</i> , 2015, 47, 2419-2435.	1.2	26
53	Topology of the substrate-binding site of a Lys49-phospholipase A2 influences Ca <sup>2+</sup> -independent membrane-damaging activity. <i>Biochemical Journal</i> , 2004, 382, 191-198.	1.7	25
54	Linker for Activation of T-cell Family Member2 (LAT2) a Lipid Raft Adaptor Protein for AKT Signaling, Is an Early Mediator of Alkylphospholipid Anti-leukemic Activity. <i>Molecular and Cellular Proteomics</i> , 2012, 11, 1898-1912.	2.5	24

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55	Purification, some properties of a D-galactose-binding leaf lectin from <i>Erythrina indica</i> and further characterization of seed lectin. <i>Biochimie</i> , 2002, 84, 1035-1043.	1.3	23
56	Preliminary Functional Characterization, Cloning and Primary Sequence of Fastuosain, a Cysteine Peptidase Isolated from Fruits of <i>Bromelia fastuosa</i> . <i>Protein and Peptide Letters</i> , 2006, 13, 83-89.	0.4	22
57	Changes in hippocampal gene expression by 7- $\beta$ -nitroindazole in rats submitted to forced swimming stress. <i>Genes, Brain and Behavior</i> , 2012, 11, 303-313.	1.1	22
58	Analysis of Detergent-Insoluble and Whole Cell Lysate Fractions of Resting Neutrophils Using High-Resolution Mass Spectrometry. <i>Journal of Proteome Research</i> , 2010, 9, 2030-2036.	1.8	20
59	Lymph node or perineural invasion is associated with low miR-15a, miR-34c and miR-199b levels in head and neck squamous cell carcinoma. <i>BBA Clinical</i> , 2016, 6, 159-164.	4.1	20
60	Accumulation of prohibitin is a common cellular response to different stressing stimuli and protects melanoma cells from ER stress and chemotherapy-induced cell death. <i>Oncotarget</i> , 2017, 8, 43114-43129.	0.8	19
61	An evaluation of four methods for the detection of heterozygous cystinuria. <i>Clinica Chimica Acta</i> , 1987, 164, 227-233.	0.5	18
62	Heterozygous cystinuria and urinary lithiasis. <i>American Journal of Medical Genetics Part A</i> , 1985, 22, 703-715.	2.4	17
63	Epidemiological data of patients hospitalized with burns and other traumas in some cities in the southeast of Brazil from 1991 to 1997. <i>Burns</i> , 2002, 28, 107-114.	1.1	17
64	Isolation of myocardial depressant factor from plasma of dogs in hemorrhagic shock. <i>Biochimica Et Biophysica Acta (BBA) - Protein Structure</i> , 1977, 491, 275-285.	1.7	16
65	Subproteomic analysis of soluble proteins of the microsomal fraction from two <i>Leishmania</i> species. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2006, 1, 300-308.	0.4	15
66	Radioimmunoassay of Canine Growth Hormone: Enzymatic Radioiodination <sup>1</sup> . <i>Endocrinology</i> , 1975, 96, 822-828.	1.4	14
67	SP-Sephadex equilibrium chromatography of bradykinin and related peptides: Application to trypsin-treated human plasma. <i>Analytical Biochemistry</i> , 1977, 81, 369-383.	1.1	13
68	Interaction of 10-(octyloxy) decyl-2-(trimethylammonium) ethyl phosphate with mimetic membranes and cytotoxic effect on leukemic cells. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2010, 1798, 1714-1723.	1.4	12
69	AG 11A8 ion-retardation resin. <i>Analytical Biochemistry</i> , 1977, 81, 346-357.	1.1	10
70	Low molecular weight squash trypsin inhibitors from <i>Sechium edule</i> seeds. <i>Phytochemistry</i> , 2006, 67, 362-370.	1.4	10
71	Expression in <i>E. coli</i> and purification of the nucleoside diphosphate kinase b from <i>Leishmania major</i> . <i>Protein Expression and Purification</i> , 2006, 49, 244-250.	0.6	9
72	Chromatographic determination of angiotensin-converting enzyme and angiotensinase activity. <i>Analytical Biochemistry</i> , 1978, 91, 410-420.	1.1	8

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73	The cDNA encoding canine dihydrolipoamide dehydrogenase contains multiple termination signals. <i>Gene</i> , 1995, 161, 253-257.	1.0	8
74	New Approaches to the Treatment of Phenylketonuria. <i>Nutrition Reviews</i> , 1999, 57, 65-70.	2.6	8
75	Expression of human protein S100A7 (psoriasin), preparation of antibody and application to human larynx squamous cell carcinoma. <i>BMC Research Notes</i> , 2011, 4, 494.	0.6	8
76	[19] Specific hydrolysis by trypsin at alkaline pH. <i>Methods in Enzymology</i> , 1977, 47, 170-174.	0.4	7
77	New insights into trypanosomatid U5 small nuclear ribonucleoproteins. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2011, 106, 130-138.	0.8	7
78	AMINO ACID COMPOSITIONS OF BOVINE PANCREATIC TRYPSIN INHIBITORS. <i>Annals of the New York Academy of Sciences</i> , 1968, 146, 386-387.	1.8	6
79	AG 11A8 ion-retardation resin. <i>Analytical Biochemistry</i> , 1977, 81, 358-368.	1.1	6
80	SET protein modulates H4 histone methylation status and regulates miR-137 level in oral squamous cell carcinoma. <i>Epigenomics</i> , 2020, 12, 475-485.	1.0	6
81	Comparison of the Kininogenase Activity of Human Pancreatic Trypsins and Porcine Kallikrein on Met-Lys-Bradykinin and Human Plasma Kininogen. <i>Hoppe-Seyler's Zeitschrift für Physiologische Chemie</i> , 1978, 359, 1225-1228.	1.7	5
82	Effect of acute volume expansion associated with salt load on the profile of plasma angiotensins in rats. <i>Immunopharmacology</i> , 1996, 33, 143-145.	2.0	5
83	The Rubino test for leprosy is a $\hat{I}^{22}$ -glycoprotein 1-dependent antiphospholipid reaction. <i>Immunology</i> , 2000, 101, 147-153.	2.0	5
84	An HbF enrichment procedure for the HPLC analysis of $\hat{I}^3$ chains. <i>Clinica Chimica Acta</i> , 1985, 148, 39-46.	0.5	4
85	Frequency of cystinuria among stone-forming patients in region of Brazil. <i>Urology</i> , 1986, 27, 38-40.	0.5	4
86	Purification and characterization of the fimbria F18ac (2134P) isolated from enterotoxigenic <i>Escherichia coli</i> (ETEC). <i>Veterinary Microbiology</i> , 2000, 76, 41-49.	0.8	4
87	Preparation and scaling up of a low phenylalanine enzymatic hydrolysate of bovine whey proteins. <i>BJPS: Brazilian Journal of Pharmaceutical Sciences</i> , 2005, 41, 459-466.	0.5	4
88	Production of human factor VIII-FL in 293T cells using the bicistronic MGMT(P140K)-retroviral vector. <i>Genetics and Molecular Research</i> , 2012, 11, 775-789.	0.3	4
89	Proteomic Analysis of Mesenchymal Stem Cells. <i>Methods in Molecular Biology</i> , 2016, 1416, 509-519.	0.4	4
90	Bradykinin Potentiating Factor. <i>Chest</i> , 1971, 59, 9S-10S.	0.4	3

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91	Pancreatic exocrine secretory proteins. <i>Journal of Surgical Oncology</i> , 1975, 7, 151-154.	0.8	3
92	BALANCED GLOBIN SYNTHESIS BY Hb K WOOLWICH HETEROZYGOTES. <i>British Journal of Haematology</i> , 1986, 64, 207-210.	1.2	3
93	Determination and Reoxidation of the Disulfide Bridges of a Squash-Type Trypsin Inhibitor from <i>Secium edule</i> Seeds. <i>Protein Journal</i> , 2004, 23, 309-315.	0.7	2
94	Crosstalk between hnRNP K and SET in ATRA-induced differentiation in acute promyelocytic leukemia. <i>FEBS Open Bio</i> , 2021, 11, 2019-2032.	1.0	2
95	The Fate of Circulating Biologically Active Peptides in the Lungs. <i>Novartis Foundation Symposium</i> , 1980, 78, 129-145.	1.2	2
96	Changes in Plasma Ace Activity During the Development and Reversal of One-Kidney, One Clip Hypertension in Rats. <i>Clinical and Experimental Hypertension</i> , 1989, 11, 189-203.	0.3	1
97	Nutritional issues in obese patients submitted to bariatric surgery. Re. "Bariatric surgery may not achieve intended outcomes in all patients". <i>Nutrition</i> , 2015, 31, 1184-1185.	1.1	1
98	Abstract A138: Identification of PKM2 as a potential biomarker of high-grade ovarian serous tumor.. , 2013, , .		1
99	Maturation of human iDCs by IL-18 plus PGE2, but not by each stimulus alone, induced migration toward CCL21 and the secretion of IL-12 and IFN- $\gamma$ . <i>Immunobiology</i> , 2013, 218, 238-244.	0.8	0
100	Plasticity of dendritic cells during differentiation and maturation. <i>Revista Brasileira De Hematologia E Hemoterapia</i> , 2006, 28, .	0.7	0
101	Linker of Activation of T Cells $\alpha$ 2 (LAT2), a Lipid Raft-Associated Adaptor Protein, Is a Novel Target for Therapy in Acute Leukemia. <i>Blood</i> , 2011, 118, 737-737.	0.6	0
102	Abstract C122: The knockdown of SET protein modulates miRNAs and proteins levels involved in maintenance and progression of oral cancer.. , 2013, , .		0
103	LAT2, a Lipid Raft Protein That Participates in AKT Phosphorylation in Mantle Cell Lymphoma, Is a Target for Perifosine Chemotherapy. <i>Blood</i> , 2014, 124, 923-923.	0.6	0