

# 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  | 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         |
| 2  | 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         |
| 3  | 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        |
| 4  | 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        |
| 5  | Proteomic Analysis of Mesenchymal Stem Cells. <i>Methods in Molecular Biology</i> , 2016, 1416, 509-519.  | 0.4 | 4         |
| 6  | 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        |
| 7  | 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         |
| 8  | 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        |
| 9  | 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        |
| 10 | 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         |
| 11 | Disrupting membrane raft domains by alkylphospholipids. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2013, 1828, 1384-1389.  | 1.4 | 26        |
| 12 | 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- $\beta$ . <i>Immunobiology</i> , 2013, 218, 238-244.  | 0.8 | 0         |
| 13 | Abstract A138: Identification of PKM2 as a potential biomarker of high-grade ovarian serous tumor.. , 2013, , .   |     | 1         |
| 14 | Abstract C122: The knockdown of SET protein modulates miRNAs and proteins levels involved in maintenance and progression of oral cancer.. , 2013, , .   |     | 0         |
| 15 | 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        |
| 16 | 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        |
| 17 | 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         |
| 18 | Changes in hippocampal gene expression by 7-nitroindazole in rats submitted to forced swimming stress. <i>Genes, Brain and Behavior</i> , 2012, 11, 303-313.  | 1.1 | 22        |

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|----|---|-----|-----------|
| 19 | New insights into trypanosomatid U5 small nuclear ribonucleoproteins. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2011, 106, 130-138.   | 0.8 | 7         |
| 20 | 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         |
| 21 | 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        |
| 22 | 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         |
| 23 | 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        |
| 24 | 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        |
| 25 | Proteomic analysis of total cellular proteins of human neutrophils. <i>Proteome Science</i> , 2009, 7, 32.  | 0.7 | 33        |
| 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 | Acute-phase protein $\beta$ 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        |
| 28 | 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        |
| 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 | 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        |
| 31 | 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         |
| 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 | Low molecular weight squash trypsin inhibitors from <i>Sechium edule</i> seeds. <i>Phytochemistry</i> , 2006, 67, 362-370.  | 1.4 | 10        |
| 34 | 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        |
| 35 | 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        |
| 36 | Plasticity of dendritic cells during differentiation and maturation. <i>Revista Brasileira De Hematologia E Hemoterapia</i> , 2006, 28, .   | 0.7 | 0         |

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|----|---|-----|-----------|
| 37 | Intestinal permeability and systemic infections in critically ill patients: Effect of glutamine*. <i>Critical Care Medicine</i> , 2005, 33, 1125-1135.  | 0.4 | 305       |
| 38 | 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        |
| 39 | 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         |
| 40 | Determination and Reoxidation of the Disulfide Bridges of a Squash-Type Trypsin Inhibitor from <i>Sechium edule</i> Seeds. <i>Protein Journal</i> , 2004, 23, 309-315.  | 0.7 | 2         |
| 41 | Free amino acid pools as effectors of osmotic adjustment in different tissues of the freshwater shrimp <i>Macrobrachium molle</i> (Crustacea, Decapoda) during long-term salinity acclimation. <i>Marine and Freshwater Behaviour and Physiology</i> , 2004, 37, 193-208. | 0.4 | 61        |
| 42 | 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        |
| 43 | 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        |
| 44 | Amino acid sequence and tertiary structure of <i>Cratylia mollis</i> seed lectin. <i>Glycobiology</i> , 2003, 13, 961-972.  | 1.3 | 27        |
| 45 | 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        |
| 46 | 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        |
| 47 | Structural and functional characterization of an acidic platelet aggregation inhibitor and hypotensive phospholipase A2 from <i>Bothrops jararacussu</i> snake venom. <i>Biochemical Pharmacology</i> , 2002, 64, 723-732.  | 2.0 | 104       |
| 48 | 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        |
| 49 | Refolding and Purification of <i>Bothropstoxin-I</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        |
| 50 | <i>Toxoplasma gondii</i> micronemal protein MIC1 is a lactose-binding lectin. <i>Glycobiology</i> , 2001, 11, 541-547.  | 1.3 | 72        |
| 51 | 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        |
| 52 | The Rubino test for leprosy is a $\beta$ 2-glycoprotein 1-dependent antiphospholipid reaction. <i>Immunology</i> , 2000, 101, 147-153.  | 2.0 | 5         |
| 53 | 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         |
| 54 | 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        |

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|----|---|-----|-----------|
| 55 | 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        |
| 56 | 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        |
| 57 | New Approaches to the Treatment of Phenylketonuria. <i>Nutrition Reviews</i> , 1999, 57, 65-70.   | 2.6 | 8         |
| 58 | Epidemiological data and mortality rate of patients hospitalized with burns in Brazil. <i>Burns</i> , 1998, 24, 433-438.  | 1.1 | 67        |
| 59 | The analgesic activity of crostamine, a neurotoxin from <i>Crotalus durissus terrificus</i> (South American) Tj ETQq1 1 0.784314 rgBT /Overlo   | 0.8 | 78        |
| 60 | Pharmacological Nutrition After Burn Injury. <i>Journal of Nutrition</i> , 1998, 128, 797-803.  | 1.3 | 53        |
| 61 | 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        |
| 62 | 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         |
| 63 | 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        |
| 64 | The cDNA encoding canine dihydrolipoamide dehydrogenase contains multiple termination signals. <i>Gene</i> , 1995, 161, 253-257.  | 1.0 | 8         |
| 65 | Characterization of protein hydrolyzates prepared for enteral nutrition. <i>Journal of Agricultural and Food Chemistry</i> , 1993, 41, 1432-1438.   | 2.4 | 35        |
| 66 | Evidence that prolyl endopeptidase participates in the processing of brain angiotensin. <i>Journal of Hypertension</i> , 1991, 9, 631-638.  | 0.3 | 95        |
| 67 | 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         |
| 68 | A Hypothesis Regarding the Function of Angiotensin Peptides in the Brain. <i>Clinical and Experimental Hypertension</i> , 1988, 10, 107-121.  | 0.3 | 26        |
| 69 | An evaluation of four methods for the detection of heterozygous cystinuria. <i>Clinica Chimica Acta</i> , 1987, 164, 227-233.   | 0.5 | 18        |
| 70 | Frequency of cystinuria among stone-forming patients in region of Brazil. <i>Urology</i> , 1986, 27, 38-40.   | 0.5 | 4         |
| 71 | BALANCED GLOBIN SYNTHESIS BY Hb K WOOLWICH HETEROZYGOTES. <i>British Journal of Haematology</i> , 1986, 64, 207-210.  | 1.2 | 3         |
| 72 | Heterozygous cystinuria and urinary lithiasis. <i>American Journal of Medical Genetics Part A</i> , 1985, 22, 703-715.  | 2.4 | 17        |

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|----|---|-----|-----------|
| 73 | An improved fluorometric assay of rat serum and plasma converting enzyme.. Hypertension, 1985, 7, 244-252.  | 1.3 | 137       |
| 74 | An HbF enrichment procedure for the HPLC analysis of $\hat{I}^3$ chains. Clinica Chimica Acta, 1985, 148, 39-46.  | 0.5 | 4         |
| 75 | Brain endo-oligopeptidase B: a post-proline cleaving enzyme that inactivates angiotensin I and II.. Hypertension, 1982, 4, 178-184.   | 1.3 | 71        |
| 76 | The Fate of Circulating Biologically Active Peptides in the Lungs. Novartis Foundation Symposium, 1980, 78, 129-145.  | 1.2 | 2         |
| 77 | A convenient manual trinitrobenzenesulfonic acid method for monitoring amino acids and peptides in chromatographic column effluents. Analytical Biochemistry, 1979, 96, 317-321.  | 1.1 | 91        |
| 78 | Angiotensin-converting enzyme: Serum levels during normal pregnancy. American Journal of Obstetrics and Gynecology, 1979, 135, 586-589.   | 0.7 | 26        |
| 79 | Chromatographic determination of angiotensin-converting enzyme and angiotensinase activity. Analytical Biochemistry, 1978, 91, 410-420.   | 1.1 | 8         |
| 80 | Comparison of the Kininogenase Activity of Human Pancreatic Trypsins and Porcine Kallikrein on Met-Lys-Bradykinin and Human Plasma Kininogen. Hoppe-Seyler's Zeitschrift für Physiologische Chemie, 1978, 359, 1225-1228. | 1.7 | 5         |
| 81 | [19] Specific hydrolysis by trypsin at alkaline pH. Methods in Enzymology, 1977, 47, 170-174.   | 0.4 | 7         |
| 82 | The primary structure of the human pancreatic secretory trypsin inhibitor. Archives of Biochemistry and Biophysics, 1977, 179, 189-199.   | 1.4 | 103       |
| 83 | Isolation of myocardial depressant factor from plasma of dogs in hemorrhagic shock. Biochimica Et Biophysica Acta (BBA) - Protein Structure, 1977, 491, 275-285.  | 1.7 | 16        |
| 84 | A gas chromatography-mass spectrometry method for the quantitative analysis of melatonin in plasma and cerebrospinal fluid. Analytical Biochemistry, 1977, 81, 283-291.   | 1.1 | 49        |
| 85 | AG 11A8 ion-retardation resin. Analytical Biochemistry, 1977, 81, 346-357.  | 1.1 | 10        |
| 86 | AG 11A8 ion-retardation resin. Analytical Biochemistry, 1977, 81, 358-368.  | 1.1 | 6         |
| 87 | SP-Sephadex equilibrium chromatography of bradykinin and related peptides: Application to trypsin-treated human plasma. Analytical Biochemistry, 1977, 81, 369-383.   | 1.1 | 13        |
| 88 | [72] Human pancreatic secretory trypsin inhibitor. Methods in Enzymology, 1976, 45, 813-825.  | 0.4 | 65        |
| 89 | Pancreatic exocrine secretory proteins. Journal of Surgical Oncology, 1975, 7, 151-154.   | 0.8 | 3         |
| 90 | Radioimmunoassay of Canine Growth Hormone: Enzymatic Radioiodination <sup>1</sup> . Endocrinology, 1975, 96, 822-828.   | 1.4 | 14        |

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|-----|---|------|-----------|
| 91  | Proton transfer mass spectrometry of underivatized peptides. <i>Biochemistry</i> , 1974, 13, 5060-5068.   | 1.2  | 36        |
| 92  | Trypsin Inhibitor from Human Pancreas and Pancreatic Juice. <i>Journal of Biological Chemistry</i> , 1974, 249, 2235-2242.  | 1.6  | 74        |
| 93  | Studies on the Guinea Pig Pancreas. <i>Journal of Biological Chemistry</i> , 1974, 249, 7420-7431.  | 1.6  | 85        |
| 94  | Preparation, assay, and partial characterization of a neutral endopeptidase from rabbit brain. <i>Biochemistry</i> , 1973, 12, 1838-1844.                                 | 1.2  | 119       |
| 95  | Volatility enhancement of thyrotropin releasing hormone for mass spectrometric studies. <i>Biochemical and Biophysical Research Communications</i> , 1972, 46, 1082-1088. | 1.0  | 35        |
| 96  | BRAIN PEPTIDASES: CONVERSION AND INACTIVATION OF KININ HORMONES. <i>Journal of Neurochemistry</i> , 1972, 19, 37-49.  | 2.1  | 63        |
| 97  | Bradykinin potentiating peptide PCA-Lys-Trp-Ala-Pro. <i>Biochemical Pharmacology</i> , 1971, 20, 1557-1567.   | 2.0  | 97        |
| 98  | Bradykinin Potentiating Factor. <i>Chest</i> , 1971, 59, 9S-10S.  | 0.4  | 3         |
| 99  | 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        |
| 100 | The Primary Structure of the Porcine Pancreatic Secretory Trypsin Inhibitor I. <i>Journal of Biological Chemistry</i> , 1971, 246, 2218-2229.                             | 1.6  | 43        |
| 101 | Activity of Various Fractions of Bradykinin Potentiating Factor against Angiotensin I Converting Enzyme. <i>Nature</i> , 1970, 225, 379-380.                              | 13.7 | 186       |
| 102 | Isolation of bradykinin-potentiating peptides from <i>Bothrops jararaca</i> venom. <i>Biochemistry</i> , 1970, 9, 2583-2593.  | 1.2  | 524       |
| 103 | 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         |