

G Gregory Neely

List of Publications by Year in descending order

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Version: 2024-02-01

75
papers

6,245
citations

126708

33
h-index

76769

74
g-index

81
all docs

81
docs citations

81
times ranked

12210
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | PFAS exposure of humans, animals and the environment: Protocol of an evidence review map and bibliometric analysis. <i>Environment International</i> , 2022, 158, 106973. | 4.8 | 4 |
| 2 | TSPAN6 is a suppressor of Ras-driven cancer. <i>Oncogene</i> , 2022, 41, 2095-2105. | 2.6 | 4 |
| 3 | Genetic variation of macronutrient tolerance in <i>Drosophila melanogaster</i> . <i>Nature Communications</i> , 2022, 13, 1637. | 5.8 | 9 |
| 4 | Thermal processing reduces PFAS concentrations in blue food – A systematic review and meta-analysis. <i>Environmental Pollution</i> , 2022, 304, 119081. | 3.7 | 5 |
| 5 | Long-term male-specific chronic pain via telomere- and p53-mediated spinal cord cellular senescence. <i>Journal of Clinical Investigation</i> , 2022, 132, . | 3.9 | 25 |
| 6 | Multi-ethnic GWAS and meta-analysis of sleep quality identify MPP6 as a novel gene that functions in sleep center neurons. <i>Sleep</i> , 2021, 44, . | 0.6 | 5 |
| 7 | Evaluating Baseline and Sensitised Heat Nociception in Adult <i>Drosophila</i> . <i>Bio-protocol</i> , 2021, 11, e4079. | 0.2 | 1 |
| 8 | PRDM12 Is Transcriptionally Active and Required for Nociceptor Function Throughout Life. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 720973. | 1.4 | 7 |
| 9 | Profiling research on PFAS in wildlife: Protocol of a systematic evidence map and bibliometric analysis. <i>Ecological Solutions and Evidence</i> , 2021, 2, e12106. | 0.8 | 6 |
| 10 | TM2D genes regulate Notch signaling and neuronal function in <i>Drosophila</i> . <i>PLoS Genetics</i> , 2021, 17, e1009962. | 1.5 | 5 |
| 11 | “STRESSED OUT” The role of FUS and TDP-43 in amyotrophic lateral sclerosis. <i>International Journal of Biochemistry and Cell Biology</i> , 2020, 126, 105821. | 1.2 | 13 |
| 12 | Activity-Dependent Global Downscaling of Evoked Neurotransmitter Release across Glutamatergic Inputs in <i>Drosophila</i> . <i>Journal of Neuroscience</i> , 2020, 40, 8025-8041. | 1.7 | 6 |
| 13 | Animal and translational models of SARS-CoV-2 infection and COVID-19. <i>Mucosal Immunology</i> , 2020, 13, 877-891. | 2.7 | 155 |
| 14 | Systematic functional identification of cancer multi-drug resistance genes. <i>Genome Biology</i> , 2020, 21, 27. | 3.8 | 26 |
| 15 | Human induced pluripotent stem cell-derived GABAergic interneuron transplants attenuate neuropathic pain. <i>Pain</i> , 2020, 161, 379-387. | 2.0 | 25 |
| 16 | PGC1 β Controls Sucrose Taste Sensitization in <i>Drosophila</i> . <i>Cell Reports</i> , 2020, 31, 107480. | 2.9 | 24 |
| 17 | Identification of ALK in Thinness. <i>Cell</i> , 2020, 181, 1246-1262.e22. | 13.5 | 66 |
| 18 | Nerve injury drives a heightened state of vigilance and neuropathic sensitization in <i>Drosophila</i> . <i>Science Advances</i> , 2019, 5, eaaw4099. | 4.7 | 47 |

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|----|--|-----|-----------|
| 19 | Tubulin Polymerization Promoting Protein, Ringmaker, and MAP1B Homolog Futsch Coordinate Microtubule Organization and Synaptic Growth. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 192. | 1.8 | 12 |
| 20 | Peripheral α -calcitonin receptor-like receptor 1 (Ca ^v 2+ channel subunit) expression is required for neuropathic sensitization in <i>Drosophila</i> . <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20190287. | 1.8 | 8 |
| 21 | Genome-wide gene-based analyses of weight loss interventions identify a potential role for NKX6.3 in metabolism. <i>Nature Communications</i> , 2019, 10, 540. | 5.8 | 25 |
| 22 | A functional substitution in the aromatic amino acid decarboxylase enzyme worsens somatic symptoms via a serotonergic pathway. <i>Annals of Neurology</i> , 2019, 86, 168-180. | 2.8 | 9 |
| 23 | High Dietary Sugar Reshapes Sweet Taste to Promote Feeding Behavior in <i>Drosophila melanogaster</i> . <i>Cell Reports</i> , 2019, 27, 1675-1685.e7. | 2.9 | 94 |
| 24 | Molecular dissection of box jellyfish venom cytotoxicity highlights an effective venom antidote. <i>Nature Communications</i> , 2019, 10, 1655. | 5.8 | 35 |
| 25 | Dissecting Motor Neuron Disease With <i>Drosophila melanogaster</i> . <i>Frontiers in Neuroscience</i> , 2019, 13, 331. | 1.4 | 12 |
| 26 | Developing Modern Pain Therapies. <i>Frontiers in Neuroscience</i> , 2019, 13, 1370. | 1.4 | 20 |
| 27 | The Genetics of Neuropathic Pain from Model Organisms to Clinical Application. <i>Neuron</i> , 2019, 104, 637-653. | 3.8 | 71 |
| 28 | Global redox proteome and phosphoproteome analysis reveals redox switch in Akt. <i>Nature Communications</i> , 2019, 10, 5486. | 5.8 | 89 |
| 29 | RagC phosphorylation autoregulates mTOR complex 1. <i>EMBO Journal</i> , 2019, 38, . | 3.5 | 26 |
| 30 | Neuroanatomy of pain-deficiency and cross-modal activation in calcium channel subunit (CACN1) knockout mice. <i>Brain Structure and Function</i> , 2018, 223, 111-130. | 1.2 | 12 |
| 31 | A genome-wide <i>Drosophila</i> epithelial tumorigenesis screen identifies Tetraspanin 29Fb as an evolutionarily conserved suppressor of Ras-driven cancer. <i>PLoS Genetics</i> , 2018, 14, e1007688. | 1.5 | 10 |
| 32 | Non-nutritive sweeteners possess a bacteriostatic effect and alter gut microbiota in mice. <i>PLoS ONE</i> , 2018, 13, e0199080. | 1.1 | 84 |
| 33 | Neuronal Lamin regulates motor circuit integrity and controls motor function and lifespan. <i>Cell Stress</i> , 2018, 2, 225-232. | 1.4 | 14 |
| 34 | A fruit fly model for studying paclitaxel-induced pain. <i>F1000Research</i> , 2018, 7, 99. | 0.8 | 9 |
| 35 | A fruit fly model for studying paclitaxel-induced peripheral neuropathy and hyperalgesia. <i>F1000Research</i> , 2018, 7, 99. | 0.8 | 10 |
| 36 | Insulin controls food intake and energy balance via NPY neurons. <i>Molecular Metabolism</i> , 2017, 6, 574-584. | 3.0 | 111 |

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|----|--|-----|-----------|
| 37 | Gut Microbiota Modifies Olfactory-Guided Microbial Preferences and Foraging Decisions in <i>Drosophila</i> . <i>Current Biology</i> , 2017, 27, 2397-2404.e4. | 1.8 | 156 |
| 38 | Chronic Sucralose or L-Glucose Ingestion Does Not Suppress Food Intake. <i>Cell Metabolism</i> , 2017, 26, 279-280. | 7.2 | 10 |
| 39 | A strategy for effective latent HIV reactivation using subtherapeutic drug doses. <i>Scientific Reports</i> , 2017, 7, 16644. | 1.6 | 0 |
| 40 | A simple high throughput assay to evaluate water consumption in the fruit fly. <i>Scientific Reports</i> , 2017, 7, 16786. | 1.6 | 7 |
| 41 | The Krebs Cycle Enzyme Isocitrate Dehydrogenase 3A Couples Mitochondrial Metabolism to Synaptic Transmission. <i>Cell Reports</i> , 2017, 21, 3794-3806. | 2.9 | 31 |
| 42 | Epiregulin and EGFR interactions are involved in pain processing. <i>Journal of Clinical Investigation</i> , 2017, 127, 3353-3366. | 3.9 | 85 |
| 43 | Sucralose Promotes Food Intake through NPY and a Neuronal Fasting Response. <i>Cell Metabolism</i> , 2016, 24, 75-90. | 7.2 | 84 |
| 44 | The evolutionarily conserved transcription factor PRDM12 controls sensory neuron development and pain perception. <i>Cell Cycle</i> , 2015, 14, 1799-1808. | 1.3 | 43 |
| 45 | The transcriptional landscape of age in human peripheral blood. <i>Nature Communications</i> , 2015, 6, 8570. | 5.8 | 533 |
| 46 | Enhanced Sleep Is an Evolutionarily Adaptive Response to Starvation Stress in <i>Drosophila</i> . <i>PLoS ONE</i> , 2015, 10, e0131275. | 1.1 | 39 |
| 47 | PI4KII \pm phosphorylation by GSK3 directs vesicular trafficking to lysosomes. <i>Biochemical Journal</i> , 2014, 464, 145-156. | 1.7 | 19 |
| 48 | Syncrip/hnRNP Q influences synaptic transmission and regulates BMP signaling at the <i>Drosophila</i> neuromuscular synapse. <i>Biology Open</i> , 2014, 3, 839-849. | 0.6 | 30 |
| 49 | The amyotrophic lateral sclerosis 8 protein, VAP, is required for ER protein quality control. <i>Human Molecular Genetics</i> , 2014, 23, 1975-1989. | 1.4 | 59 |
| 50 | Conserved systems and functional genomic assessment of nociception. <i>FEBS Journal</i> , 2013, 280, 5298-5306. | 2.2 | 9 |
| 51 | Fruit flies as a powerful model to drive or validate pain genomics efforts. <i>Pharmacogenomics</i> , 2013, 14, 1879-1887. | 0.6 | 9 |
| 52 | Construction of a Global Pain Systems Network Highlights Phospholipid Signaling as a Regulator of Heat Nociception. <i>PLoS Genetics</i> , 2012, 8, e1003071. | 1.5 | 23 |
| 53 | Crag Is a GEF for Rab11 Required for Rhodopsin Trafficking and Maintenance of Adult Photoreceptor Cells. <i>PLoS Biology</i> , 2012, 10, e1001438. | 2.6 | 93 |
| 54 | <i>Drosophila</i> as a tool for studying the conserved genetics of pain. <i>Clinical Genetics</i> , 2012, 82, 359-366. | 1.0 | 42 |

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|----|---|------|-----------|
| 55 | TrpA1 Regulates Thermal Nociception in <i>Drosophila</i> . PLoS ONE, 2011, 6, e24343. | 1.1 | 140 |
| 56 | The stress kinase MKK7 couples oncogenic stress to p53 stability and tumor suppression. Nature Genetics, 2011, 43, 212-219. | 9.4 | 96 |
| 57 | <i>Drosophila</i> Genome-wide Obesity Screen Reveals Hedgehog as a Determinant of Brown versus White Adipose Cell Fate. Cell, 2010, 140, 148-160. | 13.5 | 336 |
| 58 | A Global In Vivo <i>Drosophila</i> RNAi Screen Identifies NOT3 as a Conserved Regulator of Heart Function. Cell, 2010, 141, 142-153. | 13.5 | 199 |
| 59 | A Genome-wide <i>Drosophila</i> Screen for Heat Nociception Identifies $\hat{1}\pm 2\hat{1}^3$ as an Evolutionarily Conserved Pain Gene. Cell, 2010, 143, 628-638. | 13.5 | 283 |
| 60 | PI3K $\hat{1}^3$ Protects from Myocardial Ischemia and Reperfusion Injury through a Kinase-Independent Pathway. PLoS ONE, 2010, 5, e9350. | 1.1 | 33 |
| 61 | Vav1 Is Essential for Mechanotactic Crawling and Migration of Neutrophils out of the Inflamed Microvasculature. Journal of Immunology, 2009, 182, 6870-6878. | 0.4 | 114 |
| 62 | Genome-Wide RNAi Screen Identifies Genes Involved in Intestinal Pathogenic Bacterial Infection. Science, 2009, 325, 340-343. | 6.0 | 277 |
| 63 | The molecular archaeology of a mitochondrial death effector: AIF in <i>Drosophila</i> . Cell Death and Differentiation, 2008, 15, 1009-1018. | 5.0 | 44 |
| 64 | Identification of Oxidative Stress and Toll-like Receptor 4 Signaling as a Key Pathway of Acute Lung Injury. Cell, 2008, 133, 235-249. | 13.5 | 1,164 |
| 65 | Synthesis and Elastic Characterization of Zinc Oxide Nanowires. Journal of Nanomaterials, 2008, 2008, 1-7. | 1.5 | 37 |
| 66 | Microbial Products Activate Monocytic Cells through Detergent-Resistant Membrane Microdomains. American Journal of Respiratory Cell and Molecular Biology, 2008, 39, 657-665. | 1.4 | 11 |
| 67 | Impaired Heart Contractility in Apelin Gene-Deficient Mice Associated With Aging and Pressure Overload. Circulation Research, 2007, 101, e32-42. | 2.0 | 260 |
| 68 | Targeted Deletion of AIF Decreases Mitochondrial Oxidative Phosphorylation and Protects from Obesity and Diabetes. Cell, 2007, 131, 476-491. | 13.5 | 381 |
| 69 | Monocyte Surface-Bound IL-15 Can Function as an Activating Receptor and Participate in Reverse Signaling. Journal of Immunology, 2004, 172, 4225-4234. | 0.4 | 53 |
| 70 | NK Cells Use Perforin Rather than Granulysin for Anticryptococcal Activity. Journal of Immunology, 2004, 173, 3357-3365. | 0.4 | 100 |
| 71 | Different Domains of <i>Pseudomonas aeruginosa</i> Exoenzyme S Activate Distinct TLRs. Journal of Immunology, 2004, 173, 2031-2040. | 0.4 | 72 |
| 72 | Granulocyte-Macrophage Colony-Stimulating Factor (GM-CSF) and Inflammatory Stimuli Up-Regulate Secretion of the Soluble GM-CSF Receptor in Human Monocytes: Evidence for Ectodomain Shedding of the Cell Surface GM-CSF Receptor $\hat{1}\pm$ Subunit. Journal of Immunology, 2002, 169, 5679-5688. | 0.4 | 24 |

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|----|---|-----|-----------|
| 73 | CD8 T Cell-Mediated Killing of <i>Cryptococcus neoformans</i> Requires Granulysin and Is Dependent on CD4 T Cells and IL-15. <i>Journal of Immunology</i> , 2002, 169, 5787-5795. | 0.4 | 142 |
| 74 | Lipopolysaccharide-Stimulated or Granulocyte-Macrophage Colony-Stimulating Factor-Stimulated Monocytes Rapidly Express Biologically Active IL-15 on Their Cell Surface Independent of New Protein Synthesis. <i>Journal of Immunology</i> , 2001, 167, 5011-5017. | 0.4 | 69 |
| 75 | <i>Pseudomonas aeruginosa</i> Exoenzyme S Induces Transcriptional Expression of Proinflammatory Cytokines and Chemokines. <i>Infection and Immunity</i> , 2000, 68, 4811-4814. | 1.0 | 44 |