# G Gregory Neely

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3333175/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 75 papers | 6,245 citations | 126907 33 h-index | 76900 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. Environment International, 2022, 158, 106973. | 10.0 | 4 |
| 2 | TSPAN6 is a suppressor of Ras-driven cancer. Oncogene, 2022, 41, 2095-2105. | 5.9 | 4 |
| 3 | Genetic variation of macronutrient tolerance in Drosophila melanogaster. Nature Communications, 2022, 13, 1637. | 12.8 | 9 |
| 4 | Thermal processing reduces PFAS concentrations in blue food â€“ A systematic review and meta-analysis. Environmental Pollution, 2022, 304, 119081. | 7.5 | 5 |
| 5 | Long-term male-specific chronic pain via telomere- and p53â€‘mediated spinal cord cellular senescence. Journal of Clinical Investigation, 2022, 132, . | 8.2 | 25 |
| 6 | Multi-ethnic GWAS and meta-analysis of sleep quality identify MPP6 as a novel gene that functions in sleep center neurons. Sleep, 2021, 44, . | 1.1 | 5 |
| 7 | Evaluating Baseline and Sensitised Heat Nociception in Adult Drosophila. Bio-protocol, 2021, 11, e4079. | 0.4 | 1 |
| 8 | PRDM12 Is Transcriptionally Active and Required for Nociceptor Function Throughout Life. Frontiers in Molecular Neuroscience, 2021, 14, 720973. | 2.9 | 7 |
| 9 | Profiling research on PFAS in wildlife: Protocol of a systematic evidence map and bibliometric analysis. Ecological Solutions and Evidence, 2021, 2, e12106. | 2.0 | 6 |
| 10 | TM2D genes regulate Notch signaling and neuronal function in Drosophila. PLoS Genetics, 2021, 17, e1009962. | 3.5 | 5 |
| 11 | â€œSTRESSED OUTâ€• The role of FUS and TDP-43 in amyotrophic lateral sclerosis. International Journal of Biochemistry and Cell Biology, 2020, 126, 105821. | 2.8 | 13 |
| 12 | Activity-Dependent Global Downscaling of Evoked Neurotransmitter Release across Glutamatergic Inputs inDrosophila. Journal of Neuroscience, 2020, 40, 8025-8041. | 3.6 | 6 |
| 13 | Animal and translational models of SARS-CoV-2 infection and COVID-19. Mucosal Immunology, 2020, 13, 877-891. | 6.0 | 155 |
| 14 | Systematic functional identification of cancer multi-drug resistance genes. Genome Biology, 2020, 21, 27. | 8.8 | 26 |
| 15 | Human induced pluripotent stem cell-derived GABAergic interneuron transplants attenuate neuropathic pain. Pain, 2020, 161, 379-387. | 4.2 | 25 |
| 16 | PGC1Î± Controls Sucrose Taste Sensitization in Drosophila. Cell Reports, 2020, 31, 107480. | 6.4 | 24 |
| 17 | Identification of ALK in Thinness. Cell, 2020, 181, 1246-1262.e22. | 28.9 | 66 |
| 18 | Nerve injury drives a heightened state of vigilance and neuropathic sensitization in Drosophila. Science Advances, 2019, 5, eaaw4099. | 10.3 | 47 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Tubulin Polymerization Promoting Protein, Ringmaker, and MAP1B Homolog Futsch Coordinate Microtubule Organization and Synaptic Growth. Frontiers in Cellular Neuroscience, 2019, 13, 192. | 3.7 | 12 |
| 20 | Peripheralstraightjacket(Î±2Î´ Ca<sup>2+</sup>channel subunit) expression is required for neuropathic sensitization inDrosophila. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20190287. | 4.0 | 8 |
| 21 | Genome-wide gene-based analyses of weight loss interventions identify a potential role for NKX6.3 in metabolism. Nature Communications, 2019, 10, 540. | 12.8 | 25 |
| 22 | A functional substitution in the Lâ€aromatic amino acid decarboxylase enzyme worsens somatic symptoms via a serotonergic pathway. Annals of Neurology, 2019, 86, 168-180. | 5.3 | 9 |
| 23 | High Dietary Sugar Reshapes Sweet Taste to Promote Feeding Behavior in Drosophila melanogaster. Cell Reports, 2019, 27, 1675-1685.e7. | 6.4 | 94 |
| 24 | Molecular dissection of box jellyfish venom cytotoxicity highlights an effective venom antidote. Nature Communications, 2019, 10, 1655. | 12.8 | 35 |
| 25 | Dissecting Motor Neuron Disease With Drosophila melanogaster. Frontiers in Neuroscience, 2019, 13, 331. | 2.8 | 12 |
| 26 | Developing Modern Pain Therapies. Frontiers in Neuroscience, 2019, 13, 1370. | 2.8 | 20 |
| 27 | The Genetics of Neuropathic Pain from Model Organisms to Clinical Application. Neuron, 2019, 104, 637-653. | 8.1 | 71 |
| 28 | Global redox proteome and phosphoproteome analysis reveals redox switch in Akt. Nature Communications, 2019, 10, 5486. | 12.8 | 89 |
| 29 | RagC phosphorylation autoregulates <scp>mTOR</scp> complex 1. EMBO Journal, 2019, 38, . | 7.8 | 26 |
| 30 | Neuroanatomy of pain-deficiency and cross-modal activation in calcium channel subunit (CACN) Î±2Î´3 knockout mice. Brain Structure and Function, 2018, 223, 111-130. | 2.3 | 12 |
| 31 | A genome-wide Drosophila epithelial tumorigenesis screen identifies Tetraspanin 29Fb as an evolutionarily conserved suppressor of Ras-driven cancer. PLoS Genetics, 2018, 14, e1007688. | 3.5 | 10 |
| 32 | Non-nutritive sweeteners possess a bacteriostatic effect and alter gut microbiota in mice. PLoS ONE, 2018, 13, e0199080. | 2.5 | 84 |
| 33 | Neuronal Lamin regulates motor circuit integrity and controls motor function and lifespan. Cell Stress, 2018, 2, 225-232. | 3.2 | 14 |
| 34 | A fruit fly model for studying paclitaxel-induced pain. F1000Research, 2018, 7, 99. | 1.6 | 9 |
| 35 | A fruit fly model for studying paclitaxel-induced peripheral neuropathy and hyperalgesia. F1000Research, 2018, 7, 99. | 1.6 | 10 |
| 36 | Insulin controls food intake and energy balance via NPY neurons. Molecular Metabolism, 2017, 6, 574-584. | 6.5 | 111 |

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|---|---|---|---|
| 37 | Gut Microbiota Modifies Olfactory-Guided Microbial Preferences and Foraging Decisions in Drosophila. Current Biology, 2017, 27, 2397-2404.e4. | 3.9 | 156 |
| 38 | Chronic Sucralose or L-Glucose Ingestion Does Not Suppress Food Intake. Cell Metabolism, 2017, 26, 279-280. | 16.2 | 10 |
| 39 | A strategy for effective latent HIV reactivation using subtherapeutic drug doses. Scientific Reports, 2017, 7, 16644. | 3.3 | 0 |
| 40 | A simple high throughput assay to evaluate water consumption in the fruit fly. Scientific Reports, 2017, 7, 16786. | 3.3 | 7 |
| 41 | The Krebs Cycle Enzyme Isocitrate Dehydrogenase 3A Couples Mitochondrial Metabolism to Synaptic Transmission. Cell Reports, 2017, 21, 3794-3806. | 6.4 | 31 |
| 42 | Epiregulin and EGFR interactions are involved in pain processing. Journal of Clinical Investigation, 2017, 127, 3353-3366. | 8.2 | 85 |
| 43 | Sucralose Promotes Food Intake through NPY and a Neuronal Fasting Response. Cell Metabolism, 2016, 24, 75-90. | 16.2 | 84 |
| 44 | The evolutionarily conserved transcription factor PRDM12 controls sensory neuron development and pain perception. Cell Cycle, 2015, 14, 1799-1808. | 2.6 | 43 |
| 45 | The transcriptional landscape of age in human peripheral blood. Nature Communications, 2015, 6, 8570. | 12.8 | 533 |
| 46 | Enhanced Sleep Is an Evolutionarily Adaptive Response to Starvation Stress in Drosophila. PLoS ONE, 2015, 10, e0131275. | 2.5 | 39 |
| 47 | PI4KIIÎ± phosphorylation by GSK3 directs vesicular trafficking to lysosomes. Biochemical Journal, 2014, 464, 145-156. | 3.7 | 19 |
| 48 | Syncrip/hnRNP Q influences synaptic transmission and regulates BMP signaling at the Drosophila neuromuscular synapse. Biology Open, 2014, 3, 839-849. | 1.2 | 30 |
| 49 | The amyotrophic lateral sclerosis 8 protein, VAP, is required for ER protein quality control. Human Molecular Genetics, 2014, 23, 1975-1989. | 2.9 | 59 |
| 50 | Conserved systems and functional genomic assessment of nociception. FEBS Journal, 2013, 280, 5298-5306. | 4.7 | 9 |
| 51 | Fruit flies as a powerful model to drive or validate pain genomics efforts. Pharmacogenomics, 2013, 14, 1879-1887. | 1.3 | 9 |
| 52 | Construction of a Global Pain Systems Network Highlights Phospholipid Signaling as a Regulator of Heat Nociception. PLoS Genetics, 2012, 8, e1003071. | 3.5 | 23 |
| 53 | Crag Is a GEF for Rab11 Required for Rhodopsin Trafficking and Maintenance of Adult Photoreceptor Cells. PLoS Biology, 2012, 10, e1001438. | 5.6 | 93 |
| 54 | Drosophila as a tool for studying the conserved genetics of pain. Clinical Genetics, 2012, 82, 359-366. | 2.0 | 42 |

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|---|---|---|---|
| 55 | TrpA1 Regulates Thermal Nociception in Drosophila. PLoS ONE, 2011, 6, e24343. | 2.5 | 140 |
| 56 | The stress kinase MKK7 couples oncogenic stress to p53 stability and tumor suppression. Nature Genetics, 2011, 43, 212-219. | 21.4 | 96 |
| 57 | Drosophila Genome-wide Obesity Screen Reveals Hedgehog as a Determinant of Brown versus White Adipose Cell Fate. Cell, 2010, 140, 148-160. | 28.9 | 336 |
| 58 | A Global In Vivo Drosophila RNAi Screen Identifies NOT3 as a Conserved Regulator of Heart Function. Cell, 2010, 141, 142-153. | 28.9 | 199 |
| 59 | A Genome-wide Drosophila Screen for Heat Nociception Identifies Î±2Î´3 as an Evolutionarily Conserved Pain Gene. Cell, 2010, 143, 628-638. | 28.9 | 283 |
| 60 | PI3KÎ³ Protects from Myocardial Ischemia and Reperfusion Injury through a Kinase-Independent Pathway. PLoS ONE, 2010, 5, e9350. | 2.5 | 33 |
| 61 | Vav1 Is Essential for Mechanotactic Crawling and Migration of Neutrophils out of the Inflamed Microvasculature. Journal of Immunology, 2009, 182, 6870-6878. | 0.8 | 114 |
| 62 | Genome-Wide RNAi Screen Identifies Genes Involved in Intestinal Pathogenic Bacterial Infection. Science, 2009, 325, 340-343. | 12.6 | 277 |
| 63 | The molecular archaeology of a mitochondrial death effector: AIF in Drosophila. Cell Death and Differentiation, 2008, 15, 1009-1018. | 11.2 | 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. | 28.9 | 1,164 |
| 65 | Synthesis and Elastic Characterization of Zinc Oxide Nanowires. Journal of Nanomaterials, 2008, 2008, 1-7. | 2.7 | 37 |
| 66 | Microbial Products Activate Monocytic Cells through Detergent-Resistant Membrane Microdomains. American Journal of Respiratory Cell and Molecular Biology, 2008, 39, 657-665. | 2.9 | 11 |
| 67 | Impaired Heart Contractility in Apelin Geneâ€"Deficient Mice Associated With Aging and Pressure Overload. Circulation Research, 2007, 101, e32-42. | 4.5 | 260 |
| 68 | Targeted Deletion of AIF Decreases Mitochondrial Oxidative Phosphorylation and Protects from Obesity and Diabetes. Cell, 2007, 131, 476-491. | 28.9 | 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. | 0.8 | 53 |
| 70 | NK Cells Use Perforin Rather than Granulysin for Anticryptococcal Activity. Journal of Immunology, 2004, 173, 3357-3365. | 0.8 | 100 |
| 71 | Different Domains of Pseudomonas aeruginosa Exoenzyme S Activate Distinct TLRs. Journal of Immunology, 2004, 173, 2031-2040. | 0.8 | 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 Î± Subunit. Journal of Immunology, 2002, 169, 5679-5688. | 0.8 | 24 |

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|---|---|---|---|
| 73 | CD8 T Cell-Mediated Killing ofCryptococcus neoformansRequires Granulysin and Is Dependent on CD4 T Cells and IL-15. Journal of Immunology, 2002, 169, 5787-5795. | 0.8 | 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. Journal of Immunology, 2001, 167, 5011-5017. | 0.8 | 69 |
| 75 | Pseudomonas aeruginosa Exoenzyme S Induces Transcriptional Expression of Proinflammatory Cytokines and Chemokines. Infection and Immunity, 2000, 68, 4811-4814. | 2.2 | 44 |