

Frank S Walsh

List of Publications by Year in descending order

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158
papers

14,740
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160
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160
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9606
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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | A Single Domain Shark Antibody Targeting the Transferrin Receptor 1 Delivers a TrkB Agonist Antibody to the Brain and Provides Full Neuroprotection in a Mouse Model of Parkinson's Disease. <i>Pharmaceutics</i> , 2022, 14, 1335. | 2.0 | 14 |
| 2 | Blood-brain barrier transport using a high affinity, brain-selective VNAR antibody targeting transferrin receptor 1. <i>FASEB Journal</i> , 2021, 35, e21172. | 0.2 | 56 |
| 3 | Single domain shark VNAR antibodies neutralize SARS-CoV-2 infection in vitro. <i>FASEB Journal</i> , 2021, 35, e21970. | 0.2 | 22 |
| 4 | Brain delivery of biologics using a cross-species reactive transferrin receptor 1 VNAR shuttle. <i>FASEB Journal</i> , 2020, 34, 13272-13283. | 0.2 | 37 |
| 5 | Amyloid precursor protein (APP) contributes to pathology in the SOD1G93A mouse model of amyotrophic lateral sclerosis. <i>Human Molecular Genetics</i> , 2012, 21, 3871-3882. | 1.4 | 56 |
| 6 | Myostatin as a therapeutic target in Amyotrophic Lateral Sclerosis. <i>Neurochemistry International</i> , 2012, 61, 931-935. | 1.9 | 4 |
| 7 | Amphotericin B, identified from a natural product screen, antagonizes CNS inhibitors to promote axon growth via activation of an Akt pathway in neurons. <i>Journal of Neurochemistry</i> , 2010, 113, 1331-1342. | 2.1 | 13 |
| 8 | Loss of Retrograde Endocannabinoid Signaling and Reduced Adult Neurogenesis in Diacylglycerol Lipase Knock-out Mice. <i>Journal of Neuroscience</i> , 2010, 30, 2017-2024. | 1.7 | 404 |
| 9 | Overcoming Amino-Nogo-induced Inhibition of Cell Spreading and Neurite Outgrowth by 12-O-Tetradecanoylphorbol-13-acetate-type Tumor Promoters. <i>Journal of Biological Chemistry</i> , 2010, 285, 6425-6433. | 1.6 | 18 |
| 10 | Receptors for myelin inhibitors: Structures and therapeutic opportunities. <i>Molecular and Cellular Neurosciences</i> , 2010, 43, 1-14. | 1.0 | 64 |
| 11 | BDNF regulates neuronal sensitivity to endocannabinoids. <i>Neuroscience Letters</i> , 2009, 467, 90-94. | 1.0 | 62 |
| 12 | A diacylglycerol lipase-CB2 cannabinoid pathway regulates adult subventricular zone neurogenesis in an age-dependent manner. <i>Molecular and Cellular Neurosciences</i> , 2008, 38, 526-536. | 1.0 | 158 |
| 13 | The selective 5-HT6 receptor antagonists SB-271046 and SB-399885 potentiate NCAM PSA immunolabeling of dentate granule cells, but not neurogenesis, in the hippocampal formation of mature Wistar rats. <i>Neuropharmacology</i> , 2008, 54, 1166-1174. | 2.0 | 53 |
| 14 | Ganglioside Inhibition of Neurite Outgrowth Requires Nogo Receptor Function. <i>Journal of Biological Chemistry</i> , 2008, 283, 16641-16652. | 1.6 | 34 |
| 15 | Myostatin inhibition slows muscle atrophy in rodent models of amyotrophic lateral sclerosis. <i>Neurobiology of Disease</i> , 2006, 23, 697-707. | 2.1 | 82 |
| 16 | The Structure of the Lingo-1 Ectodomain, a Module Implicated in Central Nervous System Repair Inhibition. <i>Journal of Biological Chemistry</i> , 2006, 281, 36378-36390. | 1.6 | 73 |
| 17 | A complementary peptide approach applied to the design of novel semaphorin/neuropilin antagonists. <i>Journal of Neurochemistry</i> , 2005, 92, 1180-1190. | 2.1 | 29 |
| 18 | Identification of Neuroprotective Properties of Anti-MAG Antibody: A Novel Approach for the Treatment of Stroke?. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2005, 25, 98-107. | 2.4 | 49 |

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|----|--|------|-----------|
| 19 | Overcoming the Inhibitors of Myelin with a Novel Neurotrophin Strategy. <i>Journal of Biological Chemistry</i> , 2005, 280, 5862-5869. | 1.6 | 30 |
| 20 | The 5-HT ₆ Receptor Antagonist SB-271046 Reverses Scopolamine-Disrupted Consolidation of a Passive Avoidance Task and Ameliorates Spatial Task Deficits in Aged Rats. <i>Neuropsychopharmacology</i> , 2004, 29, 93-100. | 2.8 | 125 |
| 21 | A dimeric version of the short N-cadherin binding motif HAVDI promotes neuronal cell survival by activating an N-cadherin/fibroblast growth factor receptor signalling cascade. <i>Molecular and Cellular Neurosciences</i> , 2004, 26, 17-23. | 1.0 | 40 |
| 22 | Lipid rafts mediate the interaction between myelin-associated glycoprotein (MAG) on myelin and MAG-receptors on neurons. <i>Molecular and Cellular Neurosciences</i> , 2003, 22, 344-352. | 1.0 | 82 |
| 23 | The FGF receptor uses the endocannabinoid signaling system to couple to an axonal growth response. <i>Journal of Cell Biology</i> , 2003, 160, 481-486. | 2.3 | 213 |
| 24 | An inactive pool of GSK-3 at the leading edge of growth cones is implicated in Semaphorin 3A signaling. <i>Journal of Cell Biology</i> , 2002, 157, 211-217. | 2.3 | 226 |
| 25 | Nogo Provides a Molecular Marker for Diagnosis of Amyotrophic Lateral Sclerosis. <i>Neurobiology of Disease</i> , 2002, 10, 358-365. | 2.1 | 152 |
| 26 | The FGFR1 Inhibitor PD 173074 Selectively and Potently Antagonizes FGF-2 Neurotrophic and Neurotropic Effects. <i>Journal of Neurochemistry</i> , 2002, 75, 1520-1527. | 2.1 | 85 |
| 27 | Cyclic AMP-dependent protein kinase phosphorylation facilitates GABAB receptor-effector coupling. <i>Nature Neuroscience</i> , 2002, 5, 415-424. | 7.1 | 115 |
| 28 | Association of GABAB Receptors and Members of the 14-3-3 Family of Signaling Proteins. <i>Molecular and Cellular Neurosciences</i> , 2001, 17, 317-328. | 1.0 | 115 |
| 29 | Cell signalling cascades regulating neuronal growth-promoting and inhibitory cues. <i>Progress in Neurobiology</i> , 2001, 65, 593-608. | 2.8 | 80 |
| 30 | Identification of an N-cadherin Motif That Can Interact with the Fibroblast Growth Factor Receptor and Is Required for Axonal Growth. <i>Journal of Biological Chemistry</i> , 2001, 276, 43879-43886. | 1.6 | 129 |
| 31 | Myelin-associated Glycoprotein Interacts with Ganglioside GT1b. <i>Journal of Biological Chemistry</i> , 2001, 276, 20280-20285. | 1.6 | 167 |
| 32 | Cellular uptake and spread of the cell-permeable peptide penetratin in adult rat brain. <i>European Journal of Neuroscience</i> , 2000, 12, 2847-2855. | 1.2 | 46 |
| 33 | Inhibitor of neurite outgrowth in humans. <i>Nature</i> , 2000, 403, 383-384. | 13.7 | 541 |
| 34 | Heteromeric Assembly of GABABR1 and GABABR2 Receptor Subunits Inhibits Ca ²⁺ Current in Sympathetic Neurons. <i>Journal of Neuroscience</i> , 2000, 20, 2867-2874. | 1.7 | 100 |
| 35 | Ectopic Expression of NCAM in Skeletal Muscle of Transgenic Mice Results in Terminal Sprouting at the Neuromuscular Junction and Altered Structure But Not Function. <i>Molecular and Cellular Neurosciences</i> , 2000, 15, 244-261. | 1.0 | 36 |
| 36 | Neuropilin-2 Is Required In Vivo for Selective Axon Guidance Responses to Secreted Semaphorins. <i>Neuron</i> , 2000, 25, 29-41. | 3.8 | 398 |

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|----|---|-----|-----------|
| 37 | Novel drug development for amyotrophic lateral sclerosis. <i>Journal of the Neurological Sciences</i> , 2000, 180, 21-28. | 0.3 | 26 |
| 38 | Sema3A-induced growth-cone collapse is mediated by Rac1 amino acids 17-32. <i>Current Biology</i> , 1999, 9, 991-998. | 1.8 | 123 |
| 39 | A Soluble Version of the Receptor-like Protein Tyrosine Phosphatase \hat{p} Stimulates Neurite Outgrowth via a Grb2/MEK1-Dependent Signaling Cascade. <i>Molecular and Cellular Neurosciences</i> , 1999, 13, 441-449. | 1.0 | 42 |
| 40 | Neurotrophic Molecules: Strategies for Designing Effective Therapeutic Molecules in Neurodegeneration. <i>Molecular and Cellular Neurosciences</i> , 1998, 12, 179-193. | 1.0 | 98 |
| 41 | Structural Mosaicism on the Submicron Scale in the Plasma Membrane. <i>Biophysical Journal</i> , 1998, 74, 297-308. | 0.2 | 157 |
| 42 | Neurite Outgrowth Stimulated by Neural Cell Adhesion Molecules Requires Growth-Associated Protein-43 (GAP-43) Function and Is Associated with GAP-43 Phosphorylation in Growth Cones. <i>Journal of Neuroscience</i> , 1998, 18, 10429-10437. | 1.7 | 226 |
| 43 | Selective Inhibition of Growth Factor-stimulated Mitogenesis by a Cell-permeable Grb2-binding Peptide. <i>Journal of Biological Chemistry</i> , 1997, 272, 22349-22354. | 1.6 | 70 |
| 44 | Soluble Myelin-Associated Glycoprotein (MAG) Found in Vivo Inhibits Axonal Regeneration. <i>Molecular and Cellular Neurosciences</i> , 1997, 9, 333-346. | 1.0 | 106 |
| 45 | Structural Features of Collapsin Required for Biological Activity and Distribution of Binding Sites in the Developing Chick. <i>Molecular and Cellular Neurosciences</i> , 1997, 9, 358-371. | 1.0 | 28 |
| 46 | NEURAL CELL ADHESION MOLECULES OF THE IMMUNOGLOBULIN SUPERFAMILY: Role in Axon Growth and Guidance. <i>Annual Review of Cell and Developmental Biology</i> , 1997, 13, 425-456. | 4.0 | 435 |
| 47 | Expression of a Dominant Negative FGF Receptor Inhibits Axonal Growth and FGF Receptor Phosphorylation Stimulated by CAMs. <i>Neuron</i> , 1997, 18, 231-242. | 3.8 | 318 |
| 48 | Cellular determinants of the lateral mobility of neural cell adhesion molecules. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1997, 1330, 138-144. | 1.4 | 43 |
| 49 | Effect of NCAM transfection on growth and invasion of a human cancer cell line. <i>Apmis</i> , 1997, 105, 919-930. | 0.9 | 14 |
| 50 | CAM-FGF Receptor Interactions: A Model for Axonal Growth. <i>Molecular and Cellular Neurosciences</i> , 1996, 8, 99-111. | 1.0 | 347 |
| 51 | Fibroblast Growth Factor Receptor Function Is Required for the Orderly Projection of Ganglion Cell Axons in the Developing Mammalian Retina. <i>Molecular and Cellular Neurosciences</i> , 1996, 8, 120-128. | 1.0 | 77 |
| 52 | Cell adhesion molecules and neuronal regeneration. <i>Current Opinion in Cell Biology</i> , 1996, 8, 707-713. | 2.6 | 69 |
| 53 | Retroviral-mediated gene transfer into murine and human skeletal muscle for the correction of dystrophin deficiency. <i>Biochemical Society Transactions</i> , 1996, 24, 275S-275S. | 1.6 | 5 |
| 54 | The role of cell adhesion molecules during the development and regeneration of the neuromuscular system. <i>Seminars in Neuroscience</i> , 1996, 8, 367-377. | 2.3 | 0 |

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|----|--|-----|-----------|
| 55 | Idiopathic constipation is not associated with increased NCAM expression on intestinal muscle. <i>Digestive Diseases and Sciences</i> , 1996, 41, 1298-1302. | 1.1 | 3 |
| 56 | Inhibition of FGF-stimulated phosphatidylinositol hydrolysis and neurite outgrowth by a cell-membrane permeable phosphopeptide. <i>Current Biology</i> , 1996, 6, 580-587. | 1.8 | 114 |
| 57 | Elucidation of the molecular actions of NCAM and structurally related cell adhesion molecules. <i>Journal of Cellular Biochemistry</i> , 1996, 61, 502-513. | 1.2 | 43 |
| 58 | Promiscuity of fibroblast growth factor receptors. <i>BioEssays</i> , 1996, 18, 639-646. | 1.2 | 140 |
| 59 | Review: A Role for the FGF Receptor in the Axonal Growth Response Stimulated by Cell Adhesion Molecules?. <i>Cell Adhesion and Communication</i> , 1996, 3, 441-450. | 1.7 | 42 |
| 60 | Transplantation of Retroviral Producer Cells for <i>In Vivo</i> Gene Transfer into Mouse Skeletal Muscle. <i>Human Gene Therapy</i> , 1996, 7, 595-602. | 1.4 | 25 |
| 61 | Cadherins: A review of structure and function. <i>Biomembranes: A Multi-Volume Treatise</i> , 1996, , 127-157. | 0.1 | 1 |
| 62 | Neural Cell Adhesion Molecule (NCAM) Expression in Nerves and Muscle of Developing Human Large Bowel. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 1996, 22, 351-358. | 0.9 | 16 |
| 63 | The neural cell adhesion molecule and synaptic plasticity. <i>Journal of Neurobiology</i> , 1995, 26, 437-446. | 3.7 | 133 |
| 64 | Efficiency of <i>In Vivo</i> Gene Transfer Using Murine Retroviral Vectors Is Strain-Dependent in Mice. <i>Human Gene Therapy</i> , 1995, 6, 1177-1183. | 1.4 | 29 |
| 65 | Expression of human full-length and minidystrophin in transgenic mdx mice: implications for gene therapy of Duchenne muscular dystrophy. <i>Human Molecular Genetics</i> , 1995, 4, 1245-1250. | 1.4 | 152 |
| 66 | A soluble chimeric form of the L1 glycoprotein stimulates neurite outgrowth. <i>Neuron</i> , 1995, 14, 57-66. | 3.8 | 167 |
| 67 | A Ca ²⁺ /Calmodulin Kinase Inhibitor, KN-62, Inhibits Neurite Outgrowth Stimulated by CAMs and FGF. <i>Molecular and Cellular Neurosciences</i> , 1995, 6, 69-79. | 1.0 | 79 |
| 68 | NCAM Requires a Cytoplasmic Domain to Function as a Neurite Outgrowth-Promoting Neuronal Receptor. <i>Molecular and Cellular Neurosciences</i> , 1995, 6, 521-531. | 1.0 | 29 |
| 69 | Production of high titre helper-free recombinant retroviral vectors by lipofection. <i>Nucleic Acids Research</i> , 1994, 22, 1117-1118. | 6.5 | 10 |
| 70 | A novel role for myelin-associated glycoprotein as an inhibitor of axonal regeneration. <i>Neuron</i> , 1994, 13, 757-767. | 3.8 | 996 |
| 71 | Structure of the Human N-Cadherin Gene: YAC Analysis and Fine Chromosomal Mapping to 18q11.2. <i>Genomics</i> , 1994, 22, 172-179. | 1.3 | 32 |
| 72 | Activation of the FGF receptor underlies neurite outgrowth stimulated by L1, N-CAM, and N-cadherin. <i>Neuron</i> , 1994, 13, 583-594. | 3.8 | 572 |

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|----|--|------|-----------|
| 73 | Signal transduction events underlying neurite outgrowth stimulated by cell adhesion molecules. <i>Current Opinion in Neurobiology</i> , 1994, 4, 49-55. | 2.0 | 237 |
| 74 | Chapter 8 Cell adhesion molecule (NCAM and N-cadherin)-dependent neurite outgrowth is modulated by gangliosides. <i>Progress in Brain Research</i> , 1994, 101, 113-118. | 0.9 | 9 |
| 75 | Neurite Outgrowth Stimulated by L1 Requires Calcium Influx into Neurons but is Not Associated with Changes in Steady State Levels of Calcium in Growth Cones. <i>Cell Adhesion and Communication</i> , 1994, 2, 441-453. | 1.7 | 31 |
| 76 | The Production of Arachidonic Acid Can Account for Calcium Channel Activation in the Second Messenger Pathway Underlying Neurite Outgrowth Stimulated by NCAM, N-cadherin, and L1. <i>Journal of Neurochemistry</i> , 1994, 62, 1231-1234. | 2.1 | 126 |
| 77 | Neurite Outgrowth Stimulated by the Tyrosine Kinase Inhibitor Herbimycin A Requires Activation of Tyrosine Kinases and Protein Kinase C. <i>Journal of Neurochemistry</i> , 1994, 62, 2124-2131. | 2.1 | 27 |
| 78 | Neurite outgrowth of spinal neurons on tissue sections of embryonic muscle is largely integrin dependent. <i>Neuroscience Letters</i> , 1993, 159, 202-206. | 1.0 | 11 |
| 79 | Migratory, invasive and metastatic capacity of NCAM transfected rat glioma cells. <i>International Journal of Developmental Neuroscience</i> , 1993, 11, 681-690. | 0.7 | 31 |
| 80 | Direct retroviral-mediated transfer of a dystrophin minigene into mdx mouse muscle in vivo. <i>Human Molecular Genetics</i> , 1993, 2, 717-723. | 1.4 | 132 |
| 81 | Glycosylphosphatidylinositol Anchored Recognition Molecules That Mediate Intercellular Adhesion and Promote Neurite Outgrowth. , 1993, , 1-11. | | 0 |
| 82 | Structure of the genes encoding the neural cell adhesion molecules N-CAM and N-cadherin. <i>Biochemical Society Transactions</i> , 1992, 20, 656-658. | 1.6 | 1 |
| 83 | Cell adhesion molecules, second messengers and axonal growth. <i>Current Opinion in Neurobiology</i> , 1992, 2, 595-601. | 2.0 | 116 |
| 84 | The VASE exon downregulates the neurite growth-promoting activity of NCAM 140. <i>Nature</i> , 1992, 356, 791-793. | 13.7 | 142 |
| 85 | Alternative Splicing of the Cytoplasmic Domain of Neural Cell Adhesion Molecule Alters Its Ability to Act as a Substrate for Neurite Outgrowth. <i>Journal of Neurochemistry</i> , 1992, 58, 2338-2341. | 2.1 | 53 |
| 86 | Use of the Neural Cell Adhesion Molecule VASE Exon by Neurons Is Associated with a Specific Down-Regulation of Neural Cell Adhesion Molecule-Dependent Neurite Outgrowth in the Developing Cerebellum and Hippocampus. <i>Journal of Neurochemistry</i> , 1992, 59, 1959-1962. | 2.1 | 40 |
| 87 | Alternative splicing of neural-cell-adhesion molecule mRNA in human small-cell lung-cancer cell line H69. <i>International Journal of Cancer</i> , 1992, 51, 238-243. | 2.3 | 29 |
| 88 | Expression of NCAM isoforms during skeletal myogenesis in the mouse embryo. <i>Developmental Dynamics</i> , 1992, 194, 94-104. | 0.8 | 31 |
| 89 | Neurite outgrowth in response to transfected N-CAM and N-cadherin reveals fundamental differences in neuronal responsiveness to CAMs. <i>Neuron</i> , 1991, 6, 247-258. | 3.8 | 182 |
| 90 | Morphoregulatory activities of NCAM and N-cadherin can be accounted for by G protein-dependent activation of L- and N-type neuronal Ca ²⁺ channels. <i>Cell</i> , 1991, 67, 21-33. | 13.5 | 411 |

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|-----|--|------|-----------|
| 91 | Choline acetyltransferase messenger RNA expression in developing and adult rat brain: regulation by nerve growth factor. <i>Molecular Brain Research</i> , 1991, 9, 319-325. | 2.5 | 112 |
| 92 | Structure and function of the gene for neural cell adhesion molecule. <i>Seminars in Neuroscience</i> , 1991, 3, 271-284. | 2.3 | 65 |
| 93 | Human dystrophin expression in mdx mice after intramuscular injection of DNA constructs. <i>Nature</i> , 1991, 352, 815-818. | 13.7 | 501 |
| 94 | The contrasting roles of N-CAM and N-cadherin as neurite outgrowthpromoting molecules. <i>Journal of Cell Science</i> , 1991, 1991, 13-21. | 1.2 | 41 |
| 95 | Characterization of a regulatory region within the human neural cell adhesion molecule gene. <i>Biochemical Society Transactions</i> , 1990, 18, 410-412. | 1.6 | 1 |
| 96 | N-Cadherin Gene Maps to Human Chromosome 18 and Is Not Linked to the E-Cadherin Gene. <i>Journal of Neurochemistry</i> , 1990, 55, 805-812. | 2.1 | 78 |
| 97 | A threshold effect of the major isoforms of NCAM on neurite outgrowth. <i>Nature</i> , 1990, 343, 464-466. | 13.7 | 264 |
| 98 | Enhanced myogenesis in NCAM-transfected mouse myoblasts. <i>Nature</i> , 1990, 344, 348-351. | 13.7 | 140 |
| 99 | Role of myelin Po protein as a homophilic adhesion molecule. <i>Nature</i> , 1990, 344, 871-872. | 13.7 | 356 |
| 100 | Neurite outgrowth in response to transfected N-CAM changes during development and is modulated by polysialic acid. <i>Neuron</i> , 1990, 5, 209-219. | 3.8 | 299 |
| 101 | N-CAM is a Target Cell Surface Antigen for the Purification of Muscle Cells for Myoblast Transfer Therapy. <i>Advances in Experimental Medicine and Biology</i> , 1990, 280, 41-46. | 0.8 | 8 |
| 102 | Generation of multiple N-CAM polypeptides from a single gene. <i>BioEssays</i> , 1989, 11, 83-88. | 1.2 | 52 |
| 103 | Increased Intracellular Cyclic AMP Differentially Modulates Nerve Growth Factor Induction of Three Neuronal Recognition Molecules Involved in Neurite Outgrowth. <i>Journal of Neurochemistry</i> , 1989, 53, 1581-1588. | 2.1 | 32 |
| 104 | An autosomal transcript in skeletal muscle with homology to dystrophin. <i>Nature</i> , 1989, 339, 55-58. | 13.7 | 501 |
| 105 | Unmasking N-CAM. <i>Nature</i> , 1989, 339, 516-516. | 13.7 | 28 |
| 106 | Neural cell adhesion molecule (N-CAM) expression during cardiac development in the rat. <i>Brain Research</i> , 1989, 483, 170-176. | 1.1 | 33 |
| 107 | Tissue-specific isoforms of dystrophin. <i>Trends in Neurosciences</i> , 1989, 12, 235-238. | 4.2 | 9 |
| 108 | K-252a specifically inhibits the survival and morphological differentiation of NGF-dependent neurons in primary cultures of human dorsal root ganglia. <i>Neuroscience Letters</i> , 1989, 96, 1-6. | 1.0 | 29 |

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|-----|---|------|-----------|
| 109 | Generation of multiple neural cell adhesion molecule proteins from a single gene. <i>Biochemical Society Transactions</i> , 1989, 17, 975-976. | 1.6 | 1 |
| 110 | Isolation of human myoblasts with the fluorescence-activated cell sorter. <i>Experimental Cell Research</i> , 1988, 174, 252-265. | 1.2 | 144 |
| 111 | Analysis of PC12 cell adhesion to muscle and non-muscle cells and components of the extracellular matrix. <i>Experimental Cell Research</i> , 1988, 179, 233-242. | 1.2 | 4 |
| 112 | Factors controlling the expression of the NGF receptor in PC12 cells. <i>Neuroscience Letters</i> , 1988, 92, 222-227. | 1.0 | 65 |
| 113 | Alternative splicing generates a secreted form of N-CAM in muscle and brain. <i>Cell</i> , 1988, 55, 955-964. | 13.5 | 236 |
| 114 | Cloning and expression of human nebulin cDNAs and assignment of the gene to chromosome 2q31-q32. <i>Genomics</i> , 1988, 2, 249-256. | 1.3 | 36 |
| 115 | The N-cam gene is a complex transcriptional unit. <i>Neurochemistry International</i> , 1988, 12, 263-267. | 1.9 | 41 |
| 116 | Structure and expression of neural cell adhesion molecule complementary DNA clones in skeletal muscle. <i>Biochemical Society Transactions</i> , 1988, 16, 457-460. | 1.6 | 1 |
| 117 | Gene expression in skeletal muscle. , 1988, , 82-93. | | 1 |
| 118 | Thyroid hormones regulate expression of the neural cell adhesion molecule in adult skeletal muscle. <i>FEBS Letters</i> , 1987, 219, 135-138. | 1.3 | 24 |
| 119 | Human muscle neural cell adhesion molecule (N-CAM): Identification of a muscle-specific sequence in the extracellular domain. <i>Cell</i> , 1987, 50, 1119-1130. | 13.5 | 222 |
| 120 | Cholera Toxin and Dibutyryl Cyclic AMP Inhibit the Expression of Neurofilament Protein Induced by Nerve Growth Factor in Cultures of Naive and Primed PC12 Cells. <i>Journal of Neurochemistry</i> , 1987, 49, 1676-1687. | 2.1 | 39 |
| 121 | Control of Thy-1 Glycoprotein Expression in Cultures of PC12 Cells. <i>Journal of Neurochemistry</i> , 1987, 49, 610-616. | 2.1 | 21 |
| 122 | Ganglioside GM1Antibodies and B-Cholera Toxin Bind Specifically to Embryonic Chick Dorsal Root Ganglion Neurons but Do Not Modulate Neurite Regeneration. <i>Journal of Neurochemistry</i> , 1987, 48, 1237-1244. | 2.1 | 39 |
| 123 | Analysis of specific protein synthesis by cultures of motor neuron-enriched cells from embryonic chicken using dual-label two-dimensional gel electrophoresis. <i>Developmental Brain Research</i> , 1986, 24, 315-317. | 2.1 | 2 |
| 124 | Novel antigens at the neuromuscular junction. <i>Journal of Neuroimmunology</i> , 1986, 10, 185-200. | 1.1 | 1 |
| 125 | Nerve growth factor activates Thy-1 and neurofilament gene transcription in rat PC12 cells. <i>EMBO Journal</i> , 1986, 5, 3449-3453. | 3.5 | 74 |
| 126 | A set of minor gene products specifically expressed in motor neuron-enriched cultures from chick embryo spinal cord. <i>Biochemical Society Transactions</i> , 1986, 14, 606-607. | 1.6 | 0 |

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|-----|---|-----|-----------|
| 127 | Human Skeletal Muscle Cells Synthesise a Neuronotrophic Factor Reactive with Spinal Neurons. <i>Journal of Neurochemistry</i> , 1986, 46, 133-139. | 2.1 | 10 |
| 128 | Identification and Characterization of Neuron-Specific and Developmentally Regulated Gene Transcripts in the Chick Embryo Spinal Cord. <i>Journal of Neurochemistry</i> , 1986, 46, 787-793. | 2.1 | 18 |
| 129 | Molecular Specificity of Ganglioside Action on Neurite Regeneration in Cell Cultures of Sensory Neurons. , 1986, , 335-346. | | 2 |
| 130 | Human X-linked surface antigens. <i>Biochemical Society Transactions</i> , 1985, 13, 120-120. | 1.6 | 0 |
| 131 | Cell Survival Characteristics and Choline Acetyltransferase Activity in Motor Neurone-Enriched Cultures from Chick Embryo Spinal Cord. <i>Journal of Neurochemistry</i> , 1985, 45, 1323-1326. | 2.1 | 27 |
| 132 | Ganglioside GM1 Does Not Initiate, but Enhances Neurite Regeneration of Nerve Growth Factor-Dependent Sensory Neurones. <i>Journal of Neurochemistry</i> , 1985, 44, 1259-1265. | 2.1 | 122 |
| 133 | Expression of cell adhesion molecule, N-CAM, in diseases of adult human skeletal muscle. <i>Neuroscience Letters</i> , 1985, 59, 73-78. | 1.0 | 36 |
| 134 | Molecular specificity of ganglioside effects on neurite regeneration of sensory neurons in vitro. <i>Neuroscience Letters</i> , 1985, 62, 193-198. | 1.0 | 23 |
| 135 | Differential Expression of Cell-Surface Antigens on Muscle Satellite Cells and Myoblasts. , 1985, , 177-188. | | 3 |
| 136 | Human muscle cell surface antigen 16.3A5 is encoded by a gene on chromosome 11. <i>Somatic Cell and Molecular Genetics</i> , 1984, 10, 535-540. | 0.7 | 11 |
| 137 | Quantitative Evaluation of Neurite Outgrowth in Cultures of Human Foetal Brain and Dorsal Root Ganglion Cells Using an Enzyme-Linked Immunoabsorbent Assay for Human Neurofilament Protein. <i>Journal of Neurochemistry</i> , 1984, 42, 1116-1122. | 2.1 | 62 |
| 138 | The effect of nerve growth factor and its antibodies on neurofilament protein expression in primary cultures of sensory and spinal neurons. <i>Neuroscience Letters</i> , 1984, 51, 55-60. | 1.0 | 18 |
| 139 | Immunocytochemical analysis of fibre type differentiation in developing skeletal muscle. <i>Journal of Neuroimmunology</i> , 1984, 7, 137-149. | 1.1 | 24 |
| 140 | An enzyme-linked immuno-adsorbent assay for the quantification of neurofilament protein levels in cell cultures initiated from human foetal nervous tissue. <i>Biochemical Society Transactions</i> , 1984, 12, 1120-1121. | 1.6 | 0 |
| 141 | Development of choline acetyltransferase activity in motor neuron-enriched primary cultures of chick embryo spinal cord. <i>Biochemical Society Transactions</i> , 1984, 12, 1122-1122. | 1.6 | 0 |
| 142 | New approaches to the study of human dystrophic muscle cells in culture. <i>Journal of the Neurological Sciences</i> , 1983, 58, 315-334. | 0.3 | 23 |
| 143 | Identification of cell-surface antigens present exclusively on a sub-population of astrocytes in human foetal brain cultures. <i>Journal of Neuroimmunology</i> , 1983, 5, 111-123. | 1.1 | 15 |
| 144 | Extracellular matrix antigen of human muscle defined by a monoclonal antibody. <i>Journal of Neuroimmunology</i> , 1983, 5, 11-31. | 1.1 | 9 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 145 | Monoclonal antibodies reacting specifically with the cell surface of human astrocytes in culture. Biochemical Society Transactions, 1983, 11, 208-208. | 1.6 | 2 |
| 146 | Preparation of human dorsal-root-ganglion x mouse neuroblastoma cell hybrids for the study of human neuronal antigens. Biochemical Society Transactions, 1982, 10, 376-378. | 1.6 | 0 |
| 147 | Monoclonal antibody to human fibronectin: Production and characterization using human muscle cultures. Developmental Biology, 1981, 84, 121-132. | 0.9 | 35 |
| 148 | Specific changes in cellular glycoproteins and surface proteins during myogenesis in clonal muscle cells. Developmental Biology, 1981, 81, 229-237. | 0.9 | 61 |
| 149 | Surface antigen differentiation during human myogenesis in culture. Nature, 1981, 289, 60-64. | 13.7 | 129 |
| 150 | Endogenous lectins of human muscle. FEBS Letters, 1980, 118, 200-204. | 1.3 | 16 |
| 151 | IDENTIFICATION AND CHARACTERISATION OF PLASMA MEMBRANE ANTIGENS OF NEURONS AND MUSCLE CELLS USING MONOCLONAL ANTIBODIES. , 1980, , 285-320. | | 5 |
| 152 | Preparation of Monoclonal Antibodies to Chick Neural Retina-Cell-Surface Antigens. Biochemical Society Transactions, 1979, 7, 1016-1018. | 1.6 | 2 |
| 153 | Lactose sensitive lectin of chick retina and spinal cord. Biochemical and Biophysical Research Communications, 1978, 83, 1246-1252. | 1.0 | 32 |
| 154 | Structure of the Inner Surface of Lymphocyte Plasma Membrane. Biochemical Society Transactions, 1977, 5, 1134-1137. | 1.6 | 3 |
| 155 | Orientation of Glycoproteins in Pig Lymphocyte Plasma Membrane. Biochemical Society Transactions, 1977, 5, 1137-1139. | 1.6 | 2 |
| 156 | Orientation of cell-surface antigens in the lipid bilayer of lymphocyte plasma membrane. Nature, 1977, 269, 307-311. | 13.7 | 184 |
| 157 | Preparation of inside-out vesicles of pig lymphocyte plasma membrane. Biochemistry, 1976, 15, 3557-3563. | 1.2 | 72 |
| 158 | â€œInside-Outâ€™ Vesicles of Pig Lymphocyte Plasma Membrane. Biochemical Society Transactions, 1976, 4, 251-252. | 1.6 | 1 |