# Stephen M Lanier

List of Publications by Year
in descending order



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|---|---|---|---|
| 95 papers | 4,348 citations | 76326<br>40 h-index | 114465<br>63 g-index |
| 95 all docs | 95 docs citations | 95 times ranked | 2663 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Intersection of two key signal integrators in the cell: activator of G protein Signaling 3 and Dishevelled-2. Journal of Cell Science, 2020, 133, . | 2.0 | 4 |
| 2 | Role of G-proteins and S/T phosphorylation sites in the transition of Activator of G-Protein signaling 3 to cell puncta. Journal of Cell Science, 2018, 131, . | 2.0 | 8 |
| 3 | Activators of G-Protein Signaling (AGS). , 2018, , 133-140. | | 0 |
| 4 | Direct Coupling of a Seven-Transmembrane-Span Receptor to a G<i>Î±</i>i G-Protein Regulatory Motif Complex. Molecular Pharmacology, 2015, 88, 231-237. | 2.3 | 9 |
| 5 | Activators of G Protein Signaling Exhibit Broad Functionality and Define a Distinct Core Signaling Triad. Molecular Pharmacology, 2014, 85, 388-396. | 2.3 | 54 |
| 6 | Defective Chemokine Signal Integration in Leukocytes Lacking Activator of G Protein Signaling 3 (AGS3). Journal of Biological Chemistry, 2014, 289, 10738-10747. | 3.4 | 23 |
| 7 | Group II Activators of G-protein Signaling. Methods in Enzymology, 2013, 522, 153-167. | 1.0 | 11 |
| 8 | Regulation of the G-protein Regulatory-GÎ±i Signaling Complex by Nonreceptor Guanine Nucleotide Exchange Factors. Journal of Biological Chemistry, 2013, 288, 3003-3015. | 3.4 | 33 |
| 9 | Translocation of Activator of G-protein Signaling 3 to the Golgi Apparatus in Response to Receptor Activation and Its Effect on the trans-Golgi Network. Journal of Biological Chemistry, 2013, 288, 24091-24103. | 3.4 | 16 |
| 10 | Regulation of the AGS4â€“GÎ±i Interaction by Chemokine Receptors and the Nonâ€Receptor Guanine Nucleotide Exchange Factor Ricâ€8A. FASEB Journal, 2013, 27, 1095.7. | 0.5 | 0 |
| 11 | Influence of the Accessory Protein SET on M3 Muscarinic Receptor Phosphorylation and G Protein Coupling. Molecular Pharmacology, 2012, 82, 17-26. | 2.3 | 7 |
| 12 | Mechanisms involved in the translocation of AGS3 from cell cortex to the Golgi apparatus following activation of a Gâ€protein coupled receptor. FASEB Journal, 2012, 26, 838.5. | 0.5 | 0 |
| 13 | Defective migration in Activator of G protein Signaling 3â€null leukocytes in response to CXCL12 and CCL19 stimulation. FASEB Journal, 2012, 26, 838.7. | 0.5 | 0 |
| 14 | Factors regulating the subcellular localization of Activators of Gâ€protein Signaling 3: The role of serine/threonine residues in the Gâ€protein regulatory domain. FASEB Journal, 2012, 26, 838.6. | 0.5 | 0 |
| 15 | Loss of activator of Gâ€protein signaling 3 impairs renal tubular regeneration following acute kidney injury in rodents. FASEB Journal, 2011, 25, 1844-1855. | 0.5 | 52 |
| 16 | Purification of Heterotrimeric G Protein Î± Subunits by GST-Ric-8 Association. Journal of Biological Chemistry, 2011, 286, 2625-2635. | 3.4 | 59 |
| 17 | Identification of Transcription Factor E3 (TFE3) as a Receptor-independent Activator of GÎ±16. Journal of Biological Chemistry, 2011, 286, 17766-17776. | 3.4 | 30 |
| 18 | Characterization of a Muscarinic M3 Receptorâ€Associated Protein Complex. FASEB Journal, 2011, 25, 1012.7. | 0.5 | 0 |

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| 19 | Regulation of the AGS3Â·GÎ±i Signaling Complex by a Seven-transmembrane Span Receptor*. Journal of Biological Chemistry, 2010, 285, 33949-33958. | 3.4 | 44 |
| 20 | Activator of G Protein Signaling 3 Promotes Epithelial Cell Proliferation in PKD. Journal of the American Society of Nephrology: JASN, 2010, 21, 1275-1280. | 6.1 | 52 |
| 21 | Distribution of Activator of G-Protein Signaling 3 within the Aggresomal Pathway: Role of Specific Residues in the Tetratricopeptide Repeat Domain and Differential Regulation by the AGS3 Binding Partners GiÎ± and Mammalian Inscuteable. Molecular and Cellular Biology, 2010, 30, 1528-1540. | 2.3 | 23 |
| 22 | COUPLING OF A Gâ€PROTEIN COUPLED RECEPTOR TO THE AGS3â€Galphai SIGNALING COMPLEX. FASEB Journal, 2010, 24, 587.7. | 0.5 | 0 |
| 23 | Movement of Activator of Gâ€Protein Signaling 3 within the Aggresome Pathway. FASEB Journal, 2010, 24, 587.6. | 0.5 | 0 |
| 24 | Activator of G Protein Signaling 8 (AGS8) Is Required for Hypoxia-induced Apoptosis of Cardiomyocytes. Journal of Biological Chemistry, 2009, 284, 31431-31440. | 3.4 | 74 |
| 25 | ACTIVATOR OF Gâ€PROTEIN SIGNALING 3: THE ROLE OF THE TETRATRICOPEPTIDE REPEAT DOMAIN IN REGULATING THE INTERACTION OF AGS3 WITH Gâ€PROTEIN.. FASEB Journal, 2009, 23, 584.6. | 0.5 | 0 |
| 26 | ACTIVATOR OF Gâ€PROTEIN SIGNALING 3: THE ROLE OF THE TETRATRICOPEPTIDE REPEAT DOMAIN IN SUBCELLULAR POSITIONING OF THE PROTEIN. FASEB Journal, 2009, 23, 584.5. | 0.5 | 0 |
| 27 | The PDZ and Band 4.1 Containing Protein Frmpd1 Regulates the Subcellular Location of Activator of G-protein Signaling 3 and Its Interaction with G-proteins. Journal of Biological Chemistry, 2008, 283, 24718-24728. | 3.4 | 30 |
| 28 | Activator of G Protein Signaling 3 Null Mice: I. Unexpected Alterations in Metabolic and Cardiovascular Function. Endocrinology, 2008, 149, 3842-3849. | 2.8 | 58 |
| 29 | The role of the tetratricopeptide repeat (TPR) domain of AGS3 in subcellular localization of the protein. FASEB Journal, 2008, 22, 908.3. | 0.5 | 0 |
| 30 | Selective regulation of Gâ€protein signaling pathways by AGS3. FASEB Journal, 2008, 22, 908.2. | 0.5 | 0 |
| 31 | Activator of Gâ€protein Signaling 3 null mice: unexpected alterations in metabolic and cardiovascular function. FASEB Journal, 2008, 22, 908.1. | 0.5 | 0 |
| 32 | The PDZ and Band 4.1 containing protein Frmpd1 influences the subcellular location of Activator of Gâ€• protein signaling 3 and its interaction with Gâ€proteins. FASEB Journal, 2008, 22, 908.4. | 0.5 | 0 |
| 33 | Signaling by a Non-dissociated Complex of G Protein Î²Î³ and Î± Subunits Stimulated by a Receptor-independent Activator of G Protein Signaling, AGS8. Journal of Biological Chemistry, 2007, 282, 19938-19947. | 3.4 | 38 |
| 34 | Mechanistic pathways and biological roles for receptor-independent activators of G-protein signaling. , 2007, 113, 488-506. | | 119 |
| 35 | ACCESSORY PROTEINS FOR G PROTEINS: Partners in Signaling. Annual Review of Pharmacology and Toxicology, 2006, 46, 151-187. | 9.4 | 171 |
| 36 | Identification and characterization of a G-protein regulatory motif in WAVE1. FEBS Letters, 2006, 580, 1993-1998. | 2.8 | 9 |

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| 37 | The G-protein regulatory (GPR) motif-containing Leuâ€"Glyâ€"Asn-enriched protein (LGN) and GiÎ±3 influence cortical positioning of the mitotic spindle poles at metaphase in symmetrically dividing mammalian cells. European Journal of Cell Biology, 2006, 85, 1233-1240. | 3.6 | 42 |
| 38 | The Proto-oncogene SET Interacts with Muscarinic Receptors and Attenuates Receptor Signaling. Journal of Biological Chemistry, 2006, 281, 40310-40320. | 3.4 | 20 |
| 39 | Identification of a receptor-independent activator of G protein signaling (AGS8) in ischemic heart and its interaction with GbetaÂ. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 797-802. | 7.1 | 66 |
| 40 | AGS3 TPR domain interacting protein 2 (ATIPâ€2) influences AGS3 interaction with Gâ€protein.. FASEB Journal, 2006, 20, A256. | 0.5 | 0 |
| 41 | The influence of EGF, PM1 mutations and posttranslational processing on the subcellular location of AGS1/DexRas1. FASEB Journal, 2006, 20, A1120. | 0.5 | 0 |
| 42 | Influence of the Membrane Lipid Structure on Signal Processing via G Protein-Coupled Receptors. Molecular Pharmacology, 2005, 68, 210-217. | 2.3 | 80 |
| 43 | AGS proteins: receptor-independent activators of G-protein signaling. Trends in Pharmacological Sciences, 2005, 26, 470-6. | 8.7 | 81 |
| 44 | AGS3 and Signal Integration by GÎ±s- and GÎ±i-coupled Receptors. Journal of Biological Chemistry, 2004, 279, 13375-13382. | 3.4 | 44 |
| 45 | Identification and Characterization of AGS4. Journal of Biological Chemistry, 2004, 279, 27567-27574. | 3.4 | 46 |
| 46 | The Ras-related protein AGS1/RASD1 suppresses cell growth. Oncogene, 2004, 23, 5858-5863. | 5.9 | 113 |
| 47 | AGS proteins, GPR motifs and the signals processed by heterotrimeric G proteins. Biology of the Cell, 2004, 96, 369-372. | 2.0 | 26 |
| 48 | Activator of G Protein Signaling 3. Neuron, 2004, 42, 269-281. | 8.1 | 221 |
| 49 | AGS3: A G-Protein Regulator of Addiction-Associated Behaviors. Annals of the New York Academy of Sciences, 2003, 1003, 356-357. | 3.8 | 9 |
| 50 | Asymmetrically Distributed C. elegans Homologs of AGS3/PINS Control Spindle Position in the Early Embryo. Current Biology, 2003, 13, 1029-1037. | 3.9 | 229 |
| 51 | Influence of Cytosolic AGS3 on Receptorâˆ'G Protein Coupling. Biochemistry, 2003, 42, 8085-8093. | 2.5 | 18 |
| 52 | Interaction of Activator of G-protein Signaling 3 (AGS3) with LKB1, a Serine/Threonine Kinase Involved in Cell Polarity and Cell Cycle Progression. Journal of Biological Chemistry, 2003, 278, 23217-23220. | 3.4 | 57 |
| 53 | Receptor- and Nucleotide Exchange-independent Mechanisms for Promoting G Protein Subunit Dissociation. Journal of Biological Chemistry, 2003, 278, 34747-34750. | 3.4 | 59 |
| 54 | Accessory Proteins for G Protein-Signaling Systems: Activators of G Protein Signaling and Other Nonreceptor Proteins Influencing the Activation State of G Proteins. Receptors and Channels, 2003, 9, 195-204. | 1.1 | 2 |

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| 55 | Accessory Proteins for G Protein-Signaling Systems: Activators of G Protein Signaling and Other Nonreceptor Proteins Influencing the Activation State of G Proteins. Receptors and Channels, 2003, 9, 195-204. | 1.1 | 26 |
| 56 | Accessory proteins for G protein-signaling systems: activators of G protein signaling and other nonreceptor proteins influencing the activation state of G proteins. Receptors and Channels, 2003, 9, 195-204. | 1.1 | 10 |
| 57 | Activator of G-protein Signaling 1 Blocks GIRK Channel Activation by a G-protein-coupled Receptor. Journal of Biological Chemistry, 2002, 277, 13827-13830. | 3.4 | 63 |
| 58 | Identification of Structural Features in the G-protein Regulatory Motif Required for Regulation of Heterotrimeric G-proteins. Journal of Biological Chemistry, 2002, 277, 6767-6770. | 3.4 | 51 |
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| 67 | Dopamine induces ERK activation in renal epithelial cells through H2O2 produced by monoamine oxidase. Kidney International, 2001, 59, 76-86. | 5.2 | 56 |
| 68 | Selective Interaction of AGS3 with G-proteins and the Influence of AGS3 on the Activation State of G-proteins. Journal of Biological Chemistry, 2001, 276, 1585-1593. | 3.4 | 131 |
| 69 | Identification of a Truncated Form of the G-protein Regulator AGS3 in Heart That Lacks the Tetratricopeptide Repeat Domains. Journal of Biological Chemistry, 2001, 276, 16601-16610. | 3.4 | 57 |
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| 71 | Stabilization of the GDP-bound Conformation of GiÎ± by a Peptide Derived from the G-protein Regulatory Motif of AGS3. Journal of Biological Chemistry, 2000, 275, 33193-33196. | 3.4 | 126 |
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| 73 | AGS3 Inhibits GDP Dissociation from GÎ± Subunits of the Gi Family and Rhodopsin-dependent Activation of Transducin. Journal of Biological Chemistry, 2000, 275, 40981-40985. | 3.4 | 102 |
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| 76 | Receptor-independent Activators of Heterotrimeric G-protein Signaling Pathways. Journal of Biological Chemistry, 1999, 274, 33202-33205. | 3.4 | 251 |
| 77 | Genetic screens in yeast to identify mammalian nonreceptor modulators of G-protein signaling. Nature Biotechnology, 1999, 17, 878-883. | 17.5 | 196 |
| 78 | Receptor Docking Sites for G-protein Î²Î³ Subunits. Journal of Biological Chemistry, 1998, 273, 7197-7200. | 3.4 | 97 |
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| 82 | Relationship between Î±2-Adrenergic Receptors and Imidazoline/Guanidinium Receptive Sites. Advances in Pharmacology, 1997, 42, 474-477. | 2.0 | 2 |
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| 93 | Prostaglandin E2 metabolism by isolated kidneys of New Zealand genetically hypertensive and normotensive rats. Biochemical Medicine, 1981, 25, 98-105. | 0.5 | 2 |
| 94 | Ags1. The AFCS-nature Molecule Pages, 0, , . | 0.2 | 2 |
| 95 | Ags3. The AFCS-nature Molecule Pages, 0, , . | 0.2 | 0 |