

Adriano Marchese

List of Publications by Year in descending order

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5,065
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5255
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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Agonist-promoted Ubiquitination of the G Protein-coupled Receptor CXCR4 Mediates Lysosomal Sorting. <i>Journal of Biological Chemistry</i> , 2001, 276, 45509-45512. | 1.6 | 419 |
| 2 | G Protein-coupled Receptor Sorting to Endosomes and Lysosomes. <i>Annual Review of Pharmacology and Toxicology</i> , 2008, 48, 601-629. | 4.2 | 389 |
| 3 | The E3 Ubiquitin Ligase AIP4 Mediates Ubiquitination and Sorting of the G Protein-Coupled Receptor CXCR4. <i>Developmental Cell</i> , 2003, 5, 709-722. | 3.1 | 366 |
| 4 | Cross-talk between Notch and the Estrogen Receptor in Breast Cancer Suggests Novel Therapeutic Approaches. <i>Cancer Research</i> , 2008, 68, 5226-5235. | 0.4 | 311 |
| 5 | Discovery of Three Novel G-Protein-Coupled Receptor Genes. <i>Genomics</i> , 1998, 47, 310-313. | 1.3 | 271 |
| 6 | The Grb10/Nedd4 Complex Regulates Ligand-Induced Ubiquitination and Stability of the Insulin-Like Growth Factor I Receptor. <i>Molecular and Cellular Biology</i> , 2003, 23, 3363-3372. | 1.1 | 245 |
| 7 | The ins and outs of G protein-coupled receptor trafficking. <i>Trends in Biochemical Sciences</i> , 2003, 28, 369-376. | 3.7 | 195 |
| 8 | Cloning and Chromosomal Mapping of Three Novel Genes, GPR9, GPR10, and GPR14, Encoding Receptors Related to Interleukin 8, Neuropeptide Y, and Somatostatin Receptors. <i>Genomics</i> , 1995, 29, 335-344. | 1.3 | 185 |
| 9 | Arrestin-2 Interacts with the Ubiquitin-Protein Isopeptide Ligase Atrophin-interacting Protein 4 and Mediates Endosomal Sorting of the Chemokine Receptor CXCR4. <i>Journal of Biological Chemistry</i> , 2007, 282, 36971-36979. | 1.6 | 174 |
| 10 | Cloning, Expression, and Chromosomal Localization of the Human Uridine Nucleotide Receptor Gene. <i>Journal of Biological Chemistry</i> , 1995, 270, 30845-30848. | 1.6 | 172 |
| 11 | CXC Chemokine Receptor 4 Is a Cell Surface Receptor for Extracellular Ubiquitin. <i>Journal of Biological Chemistry</i> , 2010, 285, 15566-15576. | 1.6 | 146 |
| 12 | Cloning of Human Genes Encoding Novel G Protein-Coupled Receptors. <i>Genomics</i> , 1994, 23, 609-618. | 1.3 | 138 |
| 13 | Novel GPCRs and their endogenous ligands: expanding the boundaries of physiology and pharmacology. <i>Trends in Pharmacological Sciences</i> , 1999, 20, 370-375. | 4.0 | 124 |
| 14 | The Cloning and Chromosomal Mapping of Two Novel Human Opioid-Somatostatin-like Receptor Genes, GPR7 and GPR8, Expressed in Discrete Areas of the Brain. <i>Genomics</i> , 1995, 28, 84-91. | 1.3 | 122 |
| 15 | Mitochondria-targeted drugs stimulate mitophagy and abrogate colon cancer cell proliferation. <i>Journal of Biological Chemistry</i> , 2018, 293, 14891-14904. | 1.6 | 95 |
| 16 | Ubiquitination differentially regulates clathrin-dependent internalization of protease-activated receptor-1. <i>Journal of Cell Biology</i> , 2007, 177, 905-916. | 2.3 | 92 |
| 17 | Arrestin-2 Interacts with the Endosomal Sorting Complex Required for Transport Machinery to Modulate Endosomal Sorting of CXCR4. <i>Molecular Biology of the Cell</i> , 2010, 21, 2529-2541. | 0.9 | 91 |
| 18 | Isolation of Three Novel Human Genes Encoding G Protein-Coupled Receptors. <i>DNA and Cell Biology</i> , 1995, 14, 25-35. | 0.9 | 86 |

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|----|---|-----|-----------|
| 19 | The E3 Ubiquitin Ligase Atrophin Interacting Protein 4 Binds Directly To The Chemokine Receptor CXCR4 Via a Novel WW Domain-mediated Interaction. <i>Molecular Biology of the Cell</i> , 2009, 20, 1324-1339. | 0.9 | 86 |
| 20 | Endocytic trafficking of chemokine receptors. <i>Current Opinion in Cell Biology</i> , 2014, 27, 72-77. | 2.6 | 85 |
| 21 | The CXC Chemokine Receptor 4 Ligands Ubiquitin and Stromal Cell-derived Factor-1 α Function through Distinct Receptor Interactions. <i>Journal of Biological Chemistry</i> , 2011, 286, 33466-33477. | 1.6 | 83 |
| 22 | Ubiquitination Regulates Proteolytic Processing of G Protein-coupled Receptors after Their Sorting to Lysosomes. <i>Journal of Biological Chemistry</i> , 2009, 284, 19361-19370. | 1.6 | 71 |
| 23 | Ubiquitin-dependent regulation of G protein-coupled receptor trafficking and signaling. <i>Cellular Signalling</i> , 2013, 25, 707-716. | 1.7 | 71 |
| 24 | Discovery of Three Novel Orphan G-Protein-Coupled Receptors. <i>Genomics</i> , 1999, 56, 12-21. | 1.3 | 69 |
| 25 | The Human Dopamine D5 Receptor Gene: Cloning and Characterization of the 5'-Flanking and Promoter Region. <i>Biochemistry</i> , 1995, 34, 5960-5970. | 1.2 | 65 |
| 26 | CISK attenuates degradation of the chemokine receptor CXCR4 via the ubiquitin ligase AIP4. <i>EMBO Journal</i> , 2006, 25, 3738-3749. | 3.5 | 65 |
| 27 | A Novel Human Gene Encoding a G-Protein-Coupled Receptor (GPR15) Is Located on Chromosome 3. <i>Genomics</i> , 1996, 32, 462-465. | 1.3 | 61 |
| 28 | AP-3 regulates PAR1 ubiquitin-independent MVB/lysosomal sorting via an ALIX-mediated pathway. <i>Molecular Biology of the Cell</i> , 2012, 23, 3612-3623. | 0.9 | 51 |
| 29 | A novel gene codes for a putative G protein-coupled receptor with an abundant expression in brain. <i>FEBS Letters</i> , 1996, 394, 325-329. | 1.3 | 47 |
| 30 | Cloning and chromosomal mapping of four putative novel human G-protein-coupled receptor genes. <i>Gene</i> , 1997, 187, 75-81. | 1.0 | 45 |
| 31 | Cloning and characterization of additional members of the G protein-coupled receptor family. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2000, 1490, 311-323. | 2.4 | 44 |
| 32 | Small Ubiquitin-like Modifier Modification of Arrestin-3 Regulates Receptor Trafficking. <i>Journal of Biological Chemistry</i> , 2011, 286, 3884-3893. | 1.6 | 43 |
| 33 | Novel Roles for the E3 Ubiquitin Ligase Atrophin-interacting Protein 4 and Signal Transduction Adaptor Molecule 1 in G Protein-coupled Receptor Signaling. <i>Journal of Biological Chemistry</i> , 2012, 287, 9013-9027. | 1.6 | 42 |
| 34 | The ubiquitin ligase deltex-3l regulates endosomal sorting of the G protein-coupled receptor CXCR4. <i>Molecular Biology of the Cell</i> , 2014, 25, 1892-1904. | 0.9 | 42 |
| 35 | Regulation of GPCR Trafficking by Ubiquitin. <i>Progress in Molecular Biology and Translational Science</i> , 2015, 132, 15-38. | 0.9 | 42 |
| 36 | A new key in breast cancer metastasis. <i>Cancer Cell</i> , 2004, 6, 429-430. | 7.7 | 40 |

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|----|--|-----|-----------|
| 37 | Structural Determinants of Ubiquitin-CXC Chemokine Receptor 4 Interaction. <i>Journal of Biological Chemistry</i> , 2011, 286, 44145-44152. | 1.6 | 40 |
| 38 | Transcription of a human dopamine D5 pseudogene. <i>Biochemical and Biophysical Research Communications</i> , 1991, 181, 16-21. | 1.0 | 39 |
| 39 | Endocytosis is required for CXC chemokine receptor type 4 (CXCR4)-mediated Akt activation and antiapoptotic signaling. <i>Journal of Biological Chemistry</i> , 2018, 293, 11470-11480. | 1.6 | 30 |
| 40 | Î²-Arrestin1 and Signal-transducing Adaptor Molecule 1 (STAM1) Cooperate to Promote Focal Adhesion Kinase Autophosphorylation and Chemotaxis via the Chemokine Receptor CXCR4. <i>Journal of Biological Chemistry</i> , 2016, 291, 26083-26097. | 1.6 | 29 |
| 41 | Ubiquitin receptor binding and signaling in primary human leukocytes. <i>Communicative and Integrative Biology</i> , 2010, 3, 608-610. | 0.6 | 23 |
| 42 | The Endosomal Sorting Complex Required for Transport Pathway Mediates Chemokine Receptor CXCR4-promoted Lysosomal Degradation of the Mammalian Target of Rapamycin Antagonist DEPTOR. <i>Journal of Biological Chemistry</i> , 2015, 290, 6810-6824. | 1.6 | 23 |
| 43 | Two gene duplication events in the human and primate dopamine D5 receptor gene family. <i>Gene</i> , 1995, 154, 153-158. | 1.0 | 22 |
| 44 | Cloning Genes Encoding Receptors Related to Chemoattractant Receptors. <i>Genomics</i> , 1998, 50, 281-286. | 1.3 | 21 |
| 45 | Modulation of the CXC Chemokine Receptor 4 Agonist Activity of Ubiquitin through C-Terminal Protein Modification. <i>Biochemistry</i> , 2013, 52, 4184-4192. | 1.2 | 21 |
| 46 | An Alu sequence interrupts a human 5-hydroxytryptamine1D receptor pseudogene. <i>Gene</i> , 1993, 124, 295-301. | 1.0 | 20 |
| 47 | Hsp70 acts as a fine-switch that controls E3 ligase CHIP-mediated TAp63 and Î²Np63 ubiquitination and degradation. <i>Nucleic Acids Research</i> , 2021, 49, 2740-2758. | 6.5 | 16 |
| 48 | Trafficking of the HIV coreceptor CXCR4: Role of arrestins and identification of residues in the C-terminal tail that mediate receptor internalization.. <i>Journal of Biological Chemistry</i> , 2000, 275, 25876. | 1.6 | 16 |
| 49 | Chapter 21 Ubiquitination of Chemokine Receptors. <i>Methods in Enzymology</i> , 2009, 460, 413-422. | 0.4 | 13 |
| 50 | Î²-Arrestin1 and Î²-Arrestin2 Are Required to Support the Activity of the CXCL12/HMGB1 Heterocomplex on CXCR4. <i>Frontiers in Immunology</i> , 2020, 11, 550824. | 2.2 | 13 |
| 51 | Ubiquitination of G-Protein-Coupled Receptors. , 2004, 259, 299-306. | | 12 |
| 52 | Heterologous regulation of CXCR4 lysosomal trafficking. <i>Journal of Biological Chemistry</i> , 2019, 294, 8023-8036. | 1.6 | 12 |
| 53 | A non-â€œGPCR-binding partner interacts with a novel surface on Î²-arrestin1 to mediate GPCR signaling. <i>Journal of Biological Chemistry</i> , 2020, 295, 14111-14124. | 1.6 | 11 |
| 54 | The chemokine X-factor: Structure-function analysis of the CXC motif at CXCR4 and ACKR3. <i>Journal of Biological Chemistry</i> , 2020, 295, 13927-13939. | 1.6 | 7 |

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|----|---|-----|-----------|
| 55 | Assessment of Degradation and Ubiquitination of CXCR4, a GPCR Regulated by EGFR Family Members. , 2006, 327, 139-146. | | 6 |
| 56 | Monitoring Chemokine Receptor Trafficking by Confocal Immunofluorescence Microscopy. Methods in Enzymology, 2016, 570, 281-292. | 0.4 | 6 |
| 57 | Detecting Cell Surface Expression of the G Protein-Coupled Receptor CXCR4. Methods in Molecular Biology, 2018, 1722, 151-164. | 0.4 | 6 |
| 58 | Ubiquitination of GPCRs. Methods in Molecular Biology, 2011, 746, 251-259. | 0.4 | 5 |
| 59 | The ESCRT machinery regulates Akt signaling mediated by the G protein-coupled receptor CXCR4. FASEB Journal, 2013, 27, 556.6. | 0.2 | 1 |
| 60 | Role of sorting nexin adaptor proteins in GPCR regulation. FASEB Journal, 2021, 35, . | 0.2 | 0 |
| 61 | The ubiquitin ligase Deltax β L regulates endosomal sorting of the G protein-coupled receptor CXCR4 (1066.18). FASEB Journal, 2014, 28, . | 0.2 | 0 |
| 62 | Elucidating the signaling pathways of CXCR4-dependent chemotaxis.. FASEB Journal, 2020, 34, 1-1. | 0.2 | 0 |
| 63 | Novel Insights into Regulation of GPCR Signaling by GRKs and β -arrestins. FASEB Journal, 2022, 36, . | 0.2 | 0 |