# Piyush B Gupta

List of Publications by Year
in descending order



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|---|---|---|---|
| 23 papers | 6,139 citations | 430442 18 h-index | 642321 23 g-index |
| 23 all docs | 23 docs citations | 23 times ranked | 10852 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Identification of Selective Inhibitors of Cancer Stem Cells by High-Throughput Screening. Cell, 2009, 138, 645-659. | 13.5 | 2,200 |
| 2 | Stochastic State Transitions Give Rise to Phenotypic Equilibrium in Populations of Cancer Cells. Cell, 2011, 146, 633-644. | 13.5 | 1,334 |
| 3 | The melanocyte differentiation program predisposes to metastasis after neoplastic transformation. Nature Genetics, 2005, 37, 1047-1054. | 9.4 | 404 |
| 4 | Phenotypic Plasticity: Driver of Cancer Initiation, Progression, and Therapy Resistance. Cell Stem Cell, 2019, 24, 65-78. | 5.2 | 399 |
| 5 | Genetic Predisposition Directs Breast Cancer Phenotype by Dictating Progenitor Cell Fate. Cell Stem Cell, 2011, 8, 149-163. | 5.2 | 327 |
| 6 | Epithelial-to-Mesenchymal Transition Activates PERKâ€“eIF2Î± and Sensitizes Cells to Endoplasmic Reticulum Stress. Cancer Discovery, 2014, 4, 702-715. | 7.7 | 250 |
| 7 | Estrogen expands breast cancer stem-like cells through paracrine FGF/Tbx3 signaling. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 21737-21742. | 3.3 | 236 |
| 8 | Systemic Stromal Effects of Estrogen Promote the Growth of Estrogen Receptorâ€“Negative Cancers. Cancer Research, 2007, 67, 2062-2071. | 0.4 | 149 |
| 9 | Defining the Essential Function of Yeast Hsf1 Reveals a Compact Transcriptional Program for Maintaining Eukaryotic Proteostasis. Molecular Cell, 2016, 63, 60-71. | 4.5 | 143 |
| 10 | The Hippo Transducer TAZ Interacts with the SWI/SNF Complex to Regulate Breast Epithelial Lineage Commitment. Cell Reports, 2014, 6, 1059-1072. | 2.9 | 139 |
| 11 | Growth of human breast tissues from patient cells in 3D hydrogel scaffolds. Breast Cancer Research, 2016, 18, 19. | 2.2 | 99 |
| 12 | Cancer-specific PERK signaling drives invasion and metastasis through CREB3L1. Nature Communications, 2017, 8, 1079. | 5.8 | 95 |
| 13 | De-Differentiation Confers Multidrug Resistance Via Noncanonical PERK-Nrf2 Signaling. PLoS Biology, 2014, 12, e1001945. | 2.6 | 94 |
| 14 | Cell-State Transitions Regulated by SLUG Are Critical for Tissue Regeneration and Tumor Initiation. Stem Cell Reports, 2014, 2, 633-647. | 2.3 | 85 |
| 15 | SMARCE1 is required for the invasive progression of in situ cancers. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 4153-4158. | 3.3 | 35 |
| 16 | Cancer cells exhibit clonal diversity in phenotypic plasticity. Open Biology, 2017, 7, 160283. | 1.5 | 30 |
| 17 | Loss of Slug Compromises DNA Damage Repair and Accelerates Stem Cell Aging in Mammary Epithelium. Cell Reports, 2019, 28, 394-407.e6. | 2.9 | 30 |
| 18 | Identification of a selective small molecule inhibitor of breast cancer stem cells. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 3571-3574. | 1.0 | 28 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Perturbation-Expression Analysis Identifies RUNX1 as a Regulator of Human Mammary Stem Cell Differentiation. PLoS Computational Biology, 2015, 11, e1004161. | 1.5 | 22 |
| 20 | 3D Primary Culture Model to Study Human Mammary Development. Methods in Molecular Biology, 2017, 1612, 139-147. | 0.4 | 17 |
| 21 | Breast tissue regeneration is driven by cell-matrix interactions coordinating multi-lineage stem cell differentiation through DDR1. Nature Communications, 2021, 12, 7116. | 5.8 | 10 |
| 22 | BCL11B Drives Human Mammary Stem Cell Self-Renewal InÂVitro by Inhibiting Basal Differentiation. Stem Cell Reports, 2018, 10, 1131-1145. | 2.3 | 9 |
| 23 | The endoplasmic reticulum may be an Achilles' heel of cancer cells that have undergone an epithelial-to-mesenchymal transition. Molecular and Cellular Oncology, 2014, 1, e961822. | 0.3 | 4 |