# Rakesh K Srivastava

List of Publications by Year
in descending order



| 61 | 7,289 | 76196 | 133063 |
|---|---|---|---|
| papers | citations | 40 h-index | 59 g-index |

| 62 | 62 | 62 | 10347 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Ethanol exposure of human pancreatic normal ductal epithelial cells induces EMT phenotype and enhances pancreatic cancer development in KC (Pdx1â€Cre and LSLâ€Kras<sup>G12D</sup>) mice. Journal of Cellular and Molecular Medicine, 2022, 26, 399-409. | 1.6 | 4 |
| 2 | Chronic alcohol exposure induces hepatocyte damage by inducing oxidative stress, SATB2 and stem cellâ€like characteristics, and activating lipogenesis. Journal of Cellular and Molecular Medicine, 2022, 26, 2119-2131. | 1.6 | 9 |
| 3 | Riluzole regulates pancreatic cancer cell metabolism by suppressing the Wnt-Î²-catenin pathway. Scientific Reports, 2022, 12, . | 1.6 | 7 |
| 4 | Association of Diabetes Mellitus and Alcohol Abuse with Cancer: Molecular Mechanisms and Clinical Significance. Cells, 2021, 10, 3077. | 1.8 | 10 |
| 5 | SATB2 is a novel biomarker and therapeutic target for cancer. Journal of Cellular and Molecular Medicine, 2020, 24, 11064-11069. | 1.6 | 21 |
| 6 | Î±â€Mangostinâ€encapsulated PLGA nanoparticles inhibit colorectal cancer growth by inhibiting Notch pathway. Journal of Cellular and Molecular Medicine, 2020, 24, 11343-11354. | 1.6 | 36 |
| 7 | The Impact of obesity and diabetes mellitus on pancreatic cancer: Molecular mechanisms and clinical perspectives. Journal of Cellular and Molecular Medicine, 2020, 24, 7706-7716. | 1.6 | 26 |
| 8 | Assessment of risk factors, and racial and ethnic differences in hepatocellular carcinoma. JGH Open, 2020, 4, 351-359. | 0.7 | 25 |
| 9 | Higher expression of SATB2 in hepatocellular carcinoma of African Americans determines more aggressive phenotypes than those of Caucasian Americans. Journal of Cellular and Molecular Medicine, 2019, 23, 7999-8009. | 1.6 | 12 |
| 10 | Inhibition of pancreatic cancer stem cell characteristics by Î±â€Mangostin: Molecular mechanisms involving Sonic hedgehog and Nanog. Journal of Cellular and Molecular Medicine, 2019, 23, 2719-2730. | 1.6 | 34 |
| 11 | Design and development of some phenyl benzoxazole derivatives as a potent acetylcholinesterase inhibitor with antioxidant property to enhance learning and memory. European Journal of Medicinal Chemistry, 2019, 163, 116-135. | 2.6 | 94 |
| 12 | Design and development of novel p-aminobenzoic acid derivatives as potential cholinesterase inhibitors for the treatment of Alzheimerâ€™s disease. Bioorganic Chemistry, 2019, 82, 211-223. | 2.0 | 42 |
| 13 | Inhibition of sonic hedgehog and PI3K/Akt/mTOR pathways cooperate in suppressing survival, self-renewal and tumorigenic potential of glioblastoma-initiating cells. Molecular and Cellular Biochemistry, 2019, 454, 11-23. | 1.4 | 45 |
| 14 | Increased Risk of Hepatocellular Carcinoma Associated With Neighborhood Concentrated Disadvantage. Frontiers in Oncology, 2018, 8, 375. | 1.3 | 11 |
| 15 | Chronic ethanol exposure of human pancreatic normal ductal epithelial cells induces cancer stem cell phenotype through SATB2. Journal of Cellular and Molecular Medicine, 2018, 22, 3920-3928. | 1.6 | 16 |
| 16 | Cellular transformation of human mammary epithelial cells by SATB2. Stem Cell Research, 2017, 19, 139-147. | 0.3 | 29 |
| 17 | Sanguinarine inhibits pancreatic cancer stem cell characteristics by inducing oxidative stress and suppressing sonic hedgehog-Gli-Nanog pathway. Carcinogenesis, 2017, 38, 1047-1056. | 1.3 | 59 |
| 18 | SATB2/Î²-catenin/TCF-LEF pathway induces cellular transformation by generating cancer stem cells in colorectal cancer. Scientific Reports, 2017, 7, 10939. | 1.6 | 37 |

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|---|---|---|---|
| 19 | Î±-Mangostin-encapsulated PLGA nanoparticles inhibit pancreatic carcinogenesis by targeting cancer stem cells in human, and transgenic (KrasG12D, and KrasG12D/tp53R270H) mice. Scientific Reports, 2016, 6, 32743. | 1.6 | 62 |
| 20 | Role of SATB2 in human pancreatic cancer: Implications in transformation and a promising biomarker. Oncotarget, 2016, 7, 57783-57797. | 0.8 | 27 |
| 21 | PI3K/AKT/mTOR and sonic hedgehog pathways cooperate together to inhibit human pancreatic cancer stem cell characteristics and tumor growth. Oncotarget, 2015, 6, 32039-32060. | 0.8 | 131 |
| 22 | Anthothecol-encapsulated PLGA nanoparticles inhibit pancreatic cancer stem cell growth by modulating sonic hedgehog pathway. Nanomedicine: Nanotechnology, Biology, and Medicine, 2015, 11, 2061-2070. | 1.7 | 63 |
| 23 | Recent advances in pancreatic cancer: biology, treatment, and prevention. Biochimica Et Biophysica Acta: Reviews on Cancer, 2015, 1856, 13-27. | 3.3 | 60 |
| 24 | Stem Cells in Neurological Disorders: Emerging Therapy with Stunning Hopes. Molecular Neurobiology, 2015, 52, 610-625. | 1.9 | 17 |
| 25 | Biomolecular characterization of exosomes released from cancer stem cells: Possible implications for biomarker and treatment of cancer. Oncotarget, 2015, 6, 3280-3291. | 0.8 | 134 |
| 26 | Embelin Suppresses Growth of Human Pancreatic Cancer Xenografts, and Pancreatic Cancer Cells Isolated from KrasG12D Mice by Inhibiting Akt and Sonic Hedgehog Pathways. PLoS ONE, 2014, 9, e92161. | 1.1 | 41 |
| 27 | Embelin suppresses pancreatic cancer growth by modulating tumor immune microenvironment. Frontiers in Bioscience - Landmark, 2014, 19, 113. | 3.0 | 28 |
| 28 | Clinical Implications of miRNAs in Human Diseases. , 2014, , 75-97. | | 0 |
| 29 | Rottlerin induces autophagy and apoptosis in prostate cancer stem cells via PI3K/Akt/mTOR signaling pathway. Cancer Letters, 2014, 343, 179-189. | 3.2 | 191 |
| 30 | Rottlerin suppresses growth of human pancreatic tumors in nude mice, and pancreatic cancer cells isolated from KrasG12D mice. Cancer Letters, 2014, 353, 32-40. | 3.2 | 26 |
| 31 | Challenges in Stem Cells and Translational Research. , 2014, , 483-501. | | 0 |
| 32 | Sulforaphane regulates self-renewal of pancreatic cancer stem cells through the modulation of Sonic hedgehogâ€“GLI pathway. Molecular and Cellular Biochemistry, 2013, 373, 217-227. | 1.4 | 134 |
| 33 | GANT-61 inhibits pancreatic cancer stem cell growth in vitro and in NOD/SCID/IL2R gamma null mice xenograft. Cancer Letters, 2013, 330, 22-32. | 3.2 | 135 |
| 34 | EGCG inhibits growth of human pancreatic tumors orthotopically implanted in Balb C nude mice through modulation of FKHRL1/FOXO3a and neuropilin. Molecular and Cellular Biochemistry, 2013, 372, 83-94. | 1.4 | 90 |
| 35 | Ellagic acid inhibits human pancreatic cancer growth in Balb c nude mice. Cancer Letters, 2013, 337, 210-217. | 3.2 | 89 |
| 36 | NPV-LDE-225 (Erismodegib) inhibits epithelial mesenchymal transition and self-renewal of glioblastoma initiating cells by regulating miR-21, miR-128, and miR-200. Neuro-Oncology, 2013, 15, 691-706. | 0.6 | 87 |

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|---|---|---|---|
| 37 | Rottlerin-induced autophagy leads to the apoptosis in breast cancer stem cells: molecular mechanisms. Molecular Cancer, 2013, 12, 171. | 7.9 | 114 |
| 38 | Rottlerin induces autophagy which leads to apoptotic cell death through inhibition of PI3K/Akt/mTOR pathway in human pancreatic cancer stem cells. Biochemical Pharmacology, 2012, 84, 1154-1163. | 2.0 | 192 |
| 39 | Sonic Hedgehog Signaling Inhibition Provides Opportunities for Targeted Therapy by Sulforaphane in Regulating Pancreatic Cancer Stem Cell Self-Renewal. PLoS ONE, 2012, 7, e46083. | 1.1 | 102 |
| 40 | Inhibition of sonic hedgehog pathway and pluripotency maintaining factors regulate human pancreatic cancer stem cell characteristics. International Journal of Cancer, 2012, 131, 30-40. | 2.3 | 182 |
| 41 | EGCG Enhances the Therapeutic Potential of Gemcitabine and CP690550 by Inhibiting STAT3 Signaling Pathway in Human Pancreatic Cancer. PLoS ONE, 2012, 7, e31067. | 1.1 | 93 |
| 42 | Hedgehog Signaling Antagonist GDC-0449 (Vismodegib) Inhibits Pancreatic Cancer Stem Cell Characteristics: Molecular Mechanisms. PLoS ONE, 2011, 6, e27306. | 1.1 | 173 |
| 43 | Sulforaphane synergizes with quercetin to inhibit self-renewal capacity of pancreatic cancer stem cells. Frontiers in Bioscience - Elite, 2011, E3, 515-528. | 0.9 | 109 |
| 44 | Resveratrol Inhibits Pancreatic Cancer Stem Cell Characteristics in Human and KrasG12D Transgenic Mice by Inhibiting Pluripotency Maintaining Factors and Epithelial-Mesenchymal Transition. PLoS ONE, 2011, 6, e16530. | 1.1 | 257 |
| 45 | Targeting Epigenetic Regulation of miR-34a for Treatment of Pancreatic Cancer by Inhibition of Pancreatic Cancer Stem Cells. PLoS ONE, 2011, 6, e24099. | 1.1 | 236 |
| 46 | Resveratrol Inhibits Growth of Orthotopic Pancreatic Tumors through Activation of FOXO Transcription Factors. PLoS ONE, 2011, 6, e25166. | 1.1 | 110 |
| 47 | Green tea catechin, epigallocatechin-3-gallate (EGCG): Mechanisms, perspectives and clinical applications. Biochemical Pharmacology, 2011, 82, 1807-1821. | 2.0 | 1,196 |
| 48 | FOXO transcription factors and VEGF neutralizing antibody enhance antiangiogenic effects of resveratrol. Molecular and Cellular Biochemistry, 2010, 337, 201-212. | 1.4 | 68 |
| 49 | Inhibition of PI3K/AKT and MAPK/ERK pathways causes activation of FOXO transcription factor, leading to cell cycle arrest and apoptosis in pancreatic cancer. Journal of Molecular Signaling, 2010, 5, 10. | 0.5 | 306 |
| 50 | The dietary bioflavonoid quercetin synergizes with epigallocathechin gallate (EGCG) to inhibit prostate cancer stem cell characteristics, invasion, migration and epithelial-mesenchymal transition. Journal of Molecular Signaling, 2010, 5, 14. | 0.5 | 177 |
| 51 | Resveratrol Induces Growth Arrest and Apoptosis through Activation of FOXO Transcription Factors in Prostate Cancer Cells. PLoS ONE, 2010, 5, e15288. | 1.1 | 162 |
| 52 | MS-275 Sensitizes TRAIL-Resistant Breast Cancer Cells, Inhibits Angiogenesis and Metastasis, and Reverses Epithelial-Mesenchymal Transition In vivo. Molecular Cancer Therapeutics, 2010, 9, 3254-3266. | 1.9 | 119 |
| 53 | EGCG inhibits growth, invasion, angiogenesis and metastasis of pancreatic cancer. Frontiers in Bioscience - Landmark, 2008, 13, 440. | 3.0 | 232 |
| 54 | Chemoprevention by resveratrol: molecular mechanisms and therapeutic potential. Frontiers in Bioscience - Landmark, 2007, 12, 4839. | 3.0 | 296 |

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| 55 | Epigallocatechin-3-gallate inhibits cell cycle and induces apoptosis in pancreatic cancer. Frontiers in Bioscience - Landmark, 2007, 12, 5039. | 3.0 | 111 |
| 56 | Green tea polyphenols: biology and therapeutic implications in cancer. Frontiers in Bioscience - Landmark, 2007, 12, 4881. | 3.0 | 154 |
| 57 | Molecular mechanisms of resveratrol (3,4,5-trihydroxy-trans-stilbene) and its interaction with TNF-related apoptosis inducing ligand (TRAIL) in androgen-insensitive prostate cancer cells. Molecular and Cellular Biochemistry, 2007, 304, 273-285. | 1.4 | 102 |
| 58 | Effects of sequential treatments with chemotherapeutic drugs followed by TRAIL on prostate cancer in vitro and in vivo. Prostate, 2005, 62, 165-186. | 1.2 | 116 |
| 59 | Intracellular mechanisms of TRAIL: apoptosis through mitochondrial-dependent and -independent pathways. Oncogene, 2001, 20, 2122-2133. | 2.6 | 347 |
| 60 | Bcl-2 and Bcl-X<sub>L</sub> Block Thapsigargin-Induced Nitric Oxide Generation, c-Jun NH<sub>2</sub>-Terminal Kinase Activity, and Apoptosis. Molecular and Cellular Biology, 1999, 19, 5659-5674. | 1.1 | 144 |
| 61 | Involvement of Microtubules in the Regulation of Bcl2 Phosphorylation and Apoptosis through Cyclic AMP-Dependent Protein Kinase. Molecular and Cellular Biology, 1998, 18, 3509-3517. | 1.1 | 358 |