

# Manoj K Pandey

## List of Publications by Year in descending order

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77  
papers

7,069  
citations

101543

36  
h-index

98798

67  
g-index

78  
all docs

78  
docs citations

78  
times ranked

10475  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Inflammation and cancer: How hot is the link?. <i>Biochemical Pharmacology</i> , 2006, 72, 1605-1621.  | 4.4 | 1,171     |
| 2  | Curcumin, demethoxycurcumin, bisdemethoxycurcumin, tetrahydrocurcumin and turmerones differentially regulate anti-inflammatory and anti-proliferative responses through a ROS-independent mechanism. <i>Carcinogenesis</i> , 2007, 28, 1765-1773.  | 2.8 | 552       |
| 3  | Targeting Signal-Transducer-and-Activator-of-Transcription-3 for Prevention and Therapy of Cancer. <i>Annals of the New York Academy of Sciences</i> , 2006, 1091, 151-169.  | 3.8 | 392       |
| 4  | Natural products as a gold mine for arthritis treatment. <i>Current Opinion in Pharmacology</i> , 2007, 7, 344-351.  | 3.5 | 326       |
| 5  | Celastrol, a novel triterpene, potentiates TNF-induced apoptosis and suppresses invasion of tumor cells by inhibiting NF- $\kappa$ B-regulated gene products and TAK1-mediated NF- $\kappa$ B activation. <i>Blood</i> , 2007, 109, 2727-2735.   | 1.4 | 305       |
| 6  | Gambogic acid, a novel ligand for transferrin receptor, potentiates TNF-induced apoptosis through modulation of the nuclear factor- $\kappa$ B signaling pathway. <i>Blood</i> , 2007, 110, 3517-3525.   | 1.4 | 253       |
| 7  | Role of pro-oxidants and antioxidants in the anti-inflammatory and apoptotic effects of curcumin (diferuloylmethane). <i>Free Radical Biology and Medicine</i> , 2007, 43, 568-580.  | 2.9 | 253       |
| 8  | Anacardic acid (6-nonadecyl salicylic acid), an inhibitor of histone acetyltransferase, suppresses expression of nuclear factor- $\kappa$ B-regulated gene products involved in cell survival, proliferation, invasion, and inflammation through inhibition of the inhibitory subunit of nuclear factor- $\kappa$ B $\beta$ kinase, leading to potentiation of apoptosis. <i>Blood</i> , 2008, 111, 4880-4891. | 1.4 | 239       |
| 9  | Gambogic Acid Inhibits Angiogenesis and Prostate Tumor Growth by Suppressing Vascular Endothelial Growth Factor Receptor 2 Signaling. <i>Cancer Research</i> , 2008, 68, 1843-1850.  | 0.9 | 238       |
| 10 | From traditional Ayurvedic medicine to modern medicine: identification of therapeutic targets for suppression of inflammation and cancer. <i>Expert Opinion on Therapeutic Targets</i> , 2006, 10, 87-118.   | 3.4 | 216       |
| 11 | Fisetin, an Inhibitor of Cyclin-Dependent Kinase 6, Down-Regulates Nuclear Factor- $\kappa$ B-Regulated Cell Proliferation, Antiapoptotic and Metastatic Gene Products through the Suppression of TAK-1 and Receptor-Interacting Protein-Regulated $\kappa$ B Kinase Activation. <i>Molecular Pharmacology</i> , 2007, 71, 1703-1714.  | 2.3 | 189       |
| 12 | Resveratrol, a multitargeted agent, can enhance antitumor activity of gemcitabine <i>in vitro</i> and in orthotopic mouse model of human pancreatic cancer. <i>International Journal of Cancer</i> , 2010, 127, 257-268.   | 5.1 | 179       |
| 13 | Berberine Modifies Cysteine 179 of $\kappa$ B Kinase, Suppresses Nuclear Factor- $\kappa$ B-regulated Antiapoptotic Gene Products, and Potentiates Apoptosis. <i>Cancer Research</i> , 2008, 68, 5370-5379.  | 0.9 | 174       |
| 14 | Butein, a Tetrahydrochalcone, Inhibits Nuclear Factor (NF)- $\kappa$ B and NF- $\kappa$ B-regulated Gene Expression through Direct Inhibition of $\kappa$ B Kinase $\beta$ 2 on Cysteine 179 Residue. <i>Journal of Biological Chemistry</i> , 2007, 282, 17340-17350.   | 3.4 | 168       |
| 15 | Curcumin Modulates the Radiosensitivity of Colorectal Cancer Cells by Suppressing Constitutive and Inducible NF- $\kappa$ B Activity. <i>International Journal of Radiation Oncology Biology Physics</i> , 2009, 75, 534-542.  | 0.8 | 166       |
| 16 | Design, Synthesis, and Biological Evaluation of Novel Selenium (Se-NSAID) Molecules as Anticancer Agents. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 1946-1959.   | 6.4 | 122       |
| 17 | Butein Suppresses Constitutive and Inducible Signal Transducer and Activator of Transcription (STAT) 3 Activation and STAT3-Regulated Gene Products through the Induction of a Protein Tyrosine Phosphatase SHP-1. <i>Molecular Pharmacology</i> , 2009, 75, 525-533.  | 2.3 | 120       |
| 18 | Targeted mutation of p53 and Rb in mesenchymal cells of the limb bud produces sarcomas in mice. <i>Carcinogenesis</i> , 2009, 30, 1789-1795.   | 2.8 | 112       |

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|----|--|------|-----------|
| 19 | Boswellic Acid Blocks Signal Transducers and Activators of Transcription 3 Signaling, Proliferation, and Survival of Multiple Myeloma via the Protein Tyrosine Phosphatase SHP-1. <i>Molecular Cancer Research</i> , 2009, 7, 118-128.   | 3.4  | 110       |
| 20 | Sesamin Manifests Chemopreventive Effects through the Suppression of NF- $\kappa$ B-Regulated Cell Survival, Proliferation, Invasion, and Angiogenic Gene Products. <i>Molecular Cancer Research</i> , 2010, 8, 751-761.   | 3.4  | 107       |
| 21 | Wnt/ $\beta$ -Catenin Signaling: The Culprit in Pancreatic Carcinogenesis and Therapeutic Resistance. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4242.   | 4.1  | 96        |
| 22 | Gossypol Induces Death Receptor-5 through Activation of the ROS-ERK-CHOP Pathway and Sensitizes Colon Cancer Cells to TRAIL. <i>Journal of Biological Chemistry</i> , 2010, 285, 35418-35427.  | 3.4  | 91        |
| 23 | miR-15a-5p, miR-15b-5p, and miR-16a-5p inhibit tumor progression by directly targeting MYCN in neuroblastoma. <i>Molecular Oncology</i> , 2020, 14, 180-196.   | 4.6  | 91        |
| 24 | Betulinic acid suppresses STAT3 activation pathway through induction of protein tyrosine phosphatase SHP-1 in human multiple myeloma cells. <i>International Journal of Cancer</i> , 2010, 127, 282-292.   | 5.1  | 90        |
| 25 | EWS-FLI1 Induces Developmental Abnormalities and Accelerates Sarcoma Formation in a Transgenic Mouse Model. <i>Cancer Research</i> , 2008, 68, 8968-8975.  | 0.9  | 87        |
| 26 | 5-Hydroxy-2-Methyl-1,4-Naphthoquinone, a Vitamin K3 Analogue, Suppresses STAT3 Activation Pathway through Induction of Protein Tyrosine Phosphatase, SHP-1: Potential Role in Chemosensitization. <i>Molecular Cancer Research</i> , 2010, 8, 107-118.   | 3.4  | 87        |
| 27 | Garcinol Potentiates TRAIL-Induced Apoptosis through Modulation of Death Receptors and Antiapoptotic Proteins. <i>Molecular Cancer Therapeutics</i> , 2010, 9, 856-868.  | 4.1  | 81        |
| 28 | Gossypin, a pentahydroxy glucosyl flavone, inhibits the transforming growth factor beta-activated kinase-1-mediated NF- $\kappa$ B activation pathway, leading to potentiation of apoptosis, suppression of invasion, and abrogation of osteoclastogenesis. <i>Blood</i> , 2007, 109, 5112-5121. | 1.4  | 75        |
| 29 | Targeting ion channels for cancer therapy by repurposing the approved drugs. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2015, 1848, 2747-2755.  | 2.6  | 75        |
| 30 | COVID-19 and Cancer Comorbidity: Therapeutic Opportunities and Challenges. <i>Theranostics</i> , 2021, 11, 731-753.  | 10.0 | 60        |
| 31 | Escin, a Pentacyclic Triterpene, Chemosensitizes Human Tumor Cells through Inhibition of Nuclear Factor- $\kappa$ B Signaling Pathway. <i>Molecular Pharmacology</i> , 2010, 77, 818-827.  | 2.3  | 59        |
| 32 | Regulation of cell signaling pathways by dietary agents for cancer prevention and treatment. <i>Seminars in Cancer Biology</i> , 2017, 46, 158-181.  | 9.6  | 57        |
| 33 | Detection of polycyclic aromatic hydrocarbons in commonly consumed edible oils and their likely intake in the Indian population. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2004, 81, 1131-1136.  | 1.9  | 48        |
| 34 | Dietary nutraceuticals as backbone for bone health. <i>Biotechnology Advances</i> , 2018, 36, 1633-1648.   | 11.7 | 46        |
| 35 | Gambogic Acid Inhibits STAT3 Phosphorylation through Activation of Protein Tyrosine Phosphatase SHP-1: Potential Role in Proliferation and Apoptosis. <i>Cancer Prevention Research</i> , 2011, 4, 1084-1094.  | 1.5  | 45        |
| 36 | Gambogic acid inhibits multiple myeloma mediated osteoclastogenesis through suppression of chemokine receptor CXCR4 signaling pathways. <i>Experimental Hematology</i> , 2014, 42, 883-896.  | 0.4  | 37        |

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|----|--|-----|-----------|
| 37 | Proteasomal Degradation of Mcl-1 by Maritoclox Induces Apoptosis and Enhances the Efficacy of ABT-737 in Melanoma Cells. PLoS ONE, 2013, 8, e78570.  | 2.5 | 37        |
| 38 | Identification of a novel blocker of Î± kinase activation that enhances apoptosis and inhibits proliferation and invasion by suppressing nuclear factor-Î±B. Molecular Cancer Therapeutics, 2008, 7, 191-201.  | 4.1 | 36        |
| 39 | Targeting Cell Survival Proteins for Cancer Cell Death. Pharmaceuticals, 2016, 9, 11.  | 3.8 | 36        |
| 40 | ROR1 regulates chemoresistance in Breast Cancer via modulation of drug efflux pump ABCB1. Scientific Reports, 2020, 10, 1821.  | 3.3 | 36        |
| 41 | Phenylalkyl isoselenocyanates vs phenylalkyl isothiocyanates: Thiol reactivity and its implications. Chemico-Biological Interactions, 2012, 200, 28-37.  | 4.0 | 27        |
| 42 | Old drugs, new uses: Drug repurposing in hematological malignancies. Seminars in Cancer Biology, 2021, 68, 242-248.  | 9.6 | 25        |
| 43 | Knockdown of c-Fos suppresses the growth of human colon carcinoma cells in athymic mice. International Journal of Cancer, 2012, 130, 213-222.  | 5.1 | 23        |
| 44 | Design, synthesis characterization and biological evaluation of novel multi-isoform ALDH inhibitors as potential anticancer agents. European Journal of Medicinal Chemistry, 2020, 187, 111962.  | 5.5 | 23        |
| 45 | IgM MGUS associated with anti-MAG neuropathy: a single institution experience. Annals of Hematology, 2015, 94, 1011-1016.  | 1.8 | 22        |
| 46 | Gambogic Acid and Its Role in Chronic Diseases. Advances in Experimental Medicine and Biology, 2016, 928, 375-395.   | 1.6 | 22        |
| 47 | The role of exosomes and MYC in therapy resistance of acute myeloid leukemia: Challenges and opportunities. Molecular Aspects of Medicine, 2019, 70, 21-32.  | 6.4 | 22        |
| 48 | Design and synthesis of novel thiobarbituric acid derivatives targeting both wild-type and BRAF-mutated melanoma cells. European Journal of Medicinal Chemistry, 2018, 143, 1919-1930.   | 5.5 | 21        |
| 49 | Design, synthesis and evaluation of Ospemifene analogs as anti-breast cancer agents. European Journal of Medicinal Chemistry, 2014, 86, 211-218.   | 5.5 | 20        |
| 50 | Design, synthesis, and anti-breast cancer evaluation of new triarylethylene analogs bearing short alkyl- and polar amino-/amido-ethyl chains. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 1963-1969.   | 2.2 | 17        |
| 51 | Design, synthesis, and identification of a novel naphthalamide-isoselenocyanate compound NISC-6 as a dual Topoisomerase-III $\alpha$ and Akt pathway inhibitor, and evaluation of its anti-melanoma activity. European Journal of Medicinal Chemistry, 2017, 135, 282-295. | 5.5 | 17        |
| 52 | Mcl-1 Inhibition: Managing Malignancy in Multiple Myeloma. Frontiers in Pharmacology, 2021, 12, 699629.  | 3.5 | 17        |
| 53 | Dual Control Mechanism in a Belousov-Zhabotinskii (BZ) Oscillator with Glucose and Oxalic Acid as a Double Substrate. Journal of Physical Chemistry A, 2005, 109, 4562-4567.   | 2.5 | 16        |
| 54 | A novel dual inhibitor of microtubule and Bruton's tyrosine kinase inhibits survival of multiple myeloma and osteoclastogenesis. Experimental Hematology, 2017, 53, 31-42.   | 0.4 | 15        |

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|----|--|-----|-----------|
| 55 | In vitro cytotoxicity of polycyclic aromatic hydrocarbon residues arising through repeated fish fried oil in human hepatoma Hep G2 cell line. <i>Toxicology in Vitro</i> , 2006, 20, 308-316.  | 2.4 | 13        |
| 56 | Bruton's Tyrosine Kinase Targeting in Multiple Myeloma. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5707.   | 4.1 | 13        |
| 57 | Amino Acids Regulate Cisplatin Insensitivity in Neuroblastoma. <i>Cancers</i> , 2020, 12, 2576.  | 3.7 | 12        |
| 58 | Synthesis, in vitro, and in vivo evaluation of novel N-phenylindazolyl diarylureas as potential anti-cancer agents. <i>Scientific Reports</i> , 2020, 10, 17969.   | 3.3 | 11        |
| 59 | The emerging role of non-coding RNAs in the epigenetic regulation of pediatric cancers. <i>Seminars in Cancer Biology</i> , 2021, , .  | 9.6 | 11        |
| 60 | Novel Seleno-Aspirinyl Compound AS-10 Induces Apoptosis, G1 Arrest of Pancreatic Ductal Adenocarcinoma Cells, Inhibits Their NF- $\kappa$ B Signaling, and Synergizes with Gemcitabine Cytotoxicity. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4966.  | 4.1 | 11        |
| 61 | Induction of hepatic cytochrome P450 isozymes, benzo(a)pyrene metabolism and DNA binding following exposure to polycyclic aromatic hydrocarbon residues generated during repeated fish fried oil in rats. <i>Toxicology and Applied Pharmacology</i> , 2006, 213, 126-134. | 2.8 | 9         |
| 62 | Induction of P53, P21Waf1, ornithine decarboxylase activity, and DNA damage leading to cell-cycle arrest and apoptosis following topical application of repeated fish fried oil extract to mice. <i>Molecular Carcinogenesis</i> , 2006, 45, 805-813.                      | 2.7 | 9         |
| 63 | Assessment of carcinogenic potential of repeated fish fried oil in mice. <i>Molecular Carcinogenesis</i> , 2006, 45, 741-751.  | 2.7 | 7         |
| 64 | Targeting CXCL12/CXCR4 Axis in Multiple Myeloma. <i>Journal of Hematology &amp; Thromboembolic Diseases</i> , 2014, 02, .  | 0.1 | 6         |
| 65 | Overexpression of the dynein light chain $\text{klp23a1}$ in human ovarian carcinoma cells inhibits tumor formation <i>in vivo</i> and causes mitotic delay at prometaphase/metaphase. <i>International Journal of Cancer</i> , 2011, 129, 553-564.                        | 5.1 | 5         |
| 66 | Kokum (Garcinol). , 2009, , 281-309.   |     | 4         |
| 67 | Role of Gambogic Acid in Chemosensitization of Cancer. , 2018, , 151-167.  |     | 4         |
| 68 | A Novel Dialkylamino-Functionalized Chalcone, DML6, Inhibits Cervical Cancer Cell Proliferation, In Vitro, via Induction of Oxidative Stress, Intrinsic Apoptosis and Mitotic Catastrophe. <i>Molecules</i> , 2021, 26, 4214.  | 3.8 | 3         |
| 69 | Abstract 4204: Isatin analog as bruton tyrosine kinase inhibitor: A promising novel agent for multiple myeloma treatment. <i>Cancer Research</i> , 2014, 74, 4204-4204.  | 0.9 | 1         |
| 70 | Cancer on fire: role of inflammation in prevention and treatment. , 2022, , 605-626.   |     | 1         |
| 71 | Prostate Cancer: How Helpful are Natural Agents for Prevention?. , 2015, , 251-275.  |     | 0         |
| 72 | Targeting Inflammatory Pathways by Nutraceuticals for Prevention and Treatment of Arthritis. , 2011, , 295-323.  |     | 0         |

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|----|--|----|-----------|
| 73 | Abstract 3439: Suppression of pancreatic cancer cell growth by NISC-6 through activation of Par-4 and death receptor 5.. , 2013, , .                   |    | 0         |
| 74 | Abstract 814: Novel aspirin based selenium compounds as therapy against pancreatic cancer. , 2014, , .   |    | 0         |
| 75 | Abstract 2139: Pre-clinical chemopreventive efficacy of a novel hybridp-XSC-aspirin compound in a NNK-induced A/J mouse lung cancer model. , 2014, , . |    | 0         |
| 76 | Abstract 1639: Development of novel thiobarbituric acid derivatives as potential cancer therapeutics. , 2014, , .                                      |    | 0         |
| 77 | Abstract 3786: Gambogic acid inhibits chemokine receptor CXCR4 signaling pathways and osteoclastogenesis in multiple myeloma. , 2014, , .              |    | 0         |