# Kapil Mehta

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/10921715/publications.pdf

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|---|---|---|---|
| 65 papers | 5,549 citations | 87723 38 h-index | 161609 54 g-index |
| 65 all docs | 65 docs citations | 65 times ranked | 5944 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Transglutaminase-2: evolution from pedestrian protein to a promising therapeutic target. Amino Acids, 2017, 49, 425-439. | 1.2 | 41 |
| 2 | Transglutaminase-2. , 2017, , 4634-4637. | | 0 |
| 3 | Transglutaminase II and Metastasis: How Hot Is the Link?. , 2015, , 215-228. | | 0 |
| 4 | TG2: Player That Dictates the Rules in Cancer Progression. , 2015, , 129-136. | | 0 |
| 5 | Tissue transglutaminase expression promotes castration-resistant phenotype and transcriptional repression of androgen receptor. European Journal of Cancer, 2014, 50, 1685-1696. | 1.3 | 24 |
| 6 | Transglutaminase 2 reprogramming of glucose metabolism in mammary epithelial cells via activation of inflammatory signaling pathways. International Journal of Cancer, 2014, 134, 2798-2807. | 2.3 | 45 |
| 7 | Transglutaminase Regulation of Cell Function. Physiological Reviews, 2014, 94, 383-417. | 13.1 | 353 |
| 8 | Transglutaminase-2. , 2014, , 1-3. | | 1 |
| 9 | Tissue transglutaminase, inflammation, and cancer: how intimate is the relationship?. Amino Acids, 2013, 44, 81-88. | 1.2 | 39 |
| 10 | Tissue transglutaminase as a central mediator in inflammation-induced progression of breast cancer. Breast Cancer Research, 2013, 15, 202. | 2.2 | 78 |
| 11 | Tissue Transglutaminase Constitutively Activates HIF-1Î± Promoter and Nuclear Factor-ÎºB via a Non-Canonical Pathway. PLoS ONE, 2012, 7, e49321. | 1.1 | 84 |
| 12 | Evidence that GTP-binding domain but not catalytic domain of transglutaminase 2 is essential for epithelial-to-mesenchymal transition in mammary epithelial cells. Breast Cancer Research, 2012, 14, R4. | 2.2 | 54 |
| 13 | Tissue Transglutaminase (TG2)-Induced Inflammation in Initiation, Progression, and Pathogenesis of Pancreatic Cancer. Cancers, 2011, 3, 897-912. | 1.7 | 18 |
| 14 | Evidence That Aberrant Expression of Tissue Transglutaminase Promotes Stem Cell Characteristics in Mammary Epithelial Cells. PLoS ONE, 2011, 6, e20701. | 1.1 | 56 |
| 15 | Transglutaminase-2. , 2011, , 3764-3766. | | 0 |
| 16 | Transglutaminase 2: A multi-tasking protein in the complex circuitry of inflammation and cancer. Biochemical Pharmacology, 2010, 80, 1921-1929. | 2.0 | 129 |
| 17 | Tissue Transglutaminase Promotes Drug Resistance and Invasion by Inducing Mesenchymal Transition in Mammary Epithelial Cells. PLoS ONE, 2010, 5, e13390. | 1.1 | 110 |
| 18 | Targeting p70S6K Prevented Lung Metastasis in a Breast Cancer Xenograft Model. Molecular Cancer Therapeutics, 2010, 9, 1180-1187. | 1.9 | 37 |

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|---|---|---|---|
| 19 | Tissue transglutaminase expression and drug resistance in ovarian cancer. Expert Review of Obstetrics and Gynecology, 2009, 4, 105-110. | 0.4 | 0 |
| 20 | Targeting Transglutaminase-2 to Overcome Chemoresistance in Cancer Cells. , 2009, , 95-114. | | 6 |
| 21 | Tissue transglutaminase promotes or suppresses tumors depending on cell context. Anticancer Research, 2009, 29, 1909-19. | 0.5 | 63 |
| 22 | Liposome-Encapsulated Curcumin Suppresses Growth of Head and Neck Squamous Cell CarcinomaIn vitroand in Xenografts through the Inhibition of Nuclear Factor ÎºB by an AKT-Independent Pathway. Clinical Cancer Research, 2008, 14, 6228-6236. | 3.2 | 193 |
| 23 | Clinical and Biological Significance of Tissue Transglutaminase in Ovarian Carcinoma. Cancer Research, 2008, 68, 5849-5858. | 0.4 | 90 |
| 24 | Therapeutic Significance of Elevated Tissue Transglutaminase Expression in Pancreatic Cancer. Clinical Cancer Research, 2008, 14, 2476-2483. | 3.2 | 95 |
| 25 | Tissue Transglutaminase Regulates Focal Adhesion Kinase/AKT Activation by Modulating PTEN Expression in Pancreatic Cancer Cells. Clinical Cancer Research, 2008, 14, 1997-2005. | 3.2 | 84 |
| 26 | PKCÎ´ and Tissue Transglutaminase are Novel Inhibitors of Autophagy in Pancreatic Cancer Cells. Autophagy, 2007, 3, 480-483. | 4.3 | 76 |
| 27 | Tissue Transglutaminase Inhibits Autophagy in Pancreatic Cancer Cells. Molecular Cancer Research, 2007, 5, 241-249. | 1.5 | 123 |
| 28 | Transglutaminase-Mediated Activation of Nuclear Transcription Factor-κB in Cancer Cells: A New Therapeutic Opportunity. Current Cancer Drug Targets, 2007, 7, 559-565. | 0.8 | 35 |
| 29 | Tissue transglutaminase-mediated chemoresistance in cancer cells. Drug Resistance Updates, 2007, 10, 144-151. | 6.5 | 88 |
| 30 | Liposomal curcumin with and without oxaliplatin: effects on cell growth, apoptosis, and angiogenesis in colorectal cancer. Molecular Cancer Therapeutics, 2007, 6, 1276-1282. | 1.9 | 302 |
| 31 | Retinoic acid-induced CD38 antigen promotes leukemia cells attachment and interferon-Î³/interleukin-1Î²-dependent apoptosis of endothelial cells: Implications in the etiology of retinoic acid syndrome. Leukemia Research, 2007, 31, 455-463. | 0.4 | 30 |
| 32 | N-linked glycosylation of CD38 is required for its structure stabilization but not for membrane localization. Molecular and Cellular Biochemistry, 2007, 295, 1-7. | 1.4 | 14 |
| 33 | Tissue transglutaminase induces the release of apoptosis inducing factor and results in apoptotic death of pancreatic cancer cells. Apoptosis: an International Journal on Programmed Cell Death, 2007, 12, 1455-1463. | 2.2 | 29 |
| 34 | Tissue transglutaminase: from biological glue to cell survival cues. Frontiers in Bioscience - Landmark, 2006, 11, 173. | 3.0 | 70 |
| 35 | Overexpression of Tissue Transglutaminase Leads to Constitutive Activation of Nuclear Factor-ÎºB in Cancer Cells: Delineation of a Novel Pathway. Cancer Research, 2006, 66, 8788-8795. | 0.4 | 188 |
| 36 | Increased Expression of Tissue Transglutaminase in Pancreatic Ductal Adenocarcinoma and Its Implications in Drug Resistance and Metastasis. Cancer Research, 2006, 66, 10525-10533. | 0.4 | 150 |

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|---|---|---|---|
| 37 | Implications of tissue transglutaminase expression in malignant melanoma. Molecular Cancer Therapeutics, 2006, 5, 1493-1503. | 1.9 | 97 |
| 38 | Tissue Transglutaminase (TG2) in Cancer Biology. , 2005, 38, 125-138. | | 50 |
| 39 | Mammalian Transglutaminases: A Family Portrait. , 2005, 38, 1-18. | | 44 |
| 40 | Transglutaminases of Lower Organisms. , 2005, 38, 209-222. | | 1 |
| 41 | Tissue transglutaminase-induced alterations in extracellular matrix inhibit tumor invasion. Molecular Cancer, 2005, 4, 33. | 7.9 | 139 |
| 42 | Antitumor Metallothiosemicarbazonates:Â Structure and Antitumor Activity of Palladium Complex of Phenanthrenequinone Thiosemicarbazone. Inorganic Chemistry, 2005, 44, 1154-1156. | 1.9 | 129 |
| 43 | Prognostic Significance of Tissue Transglutaminase in Drug Resistant and Metastatic Breast Cancer. Clinical Cancer Research, 2004, 10, 8068-8076. | 3.2 | 187 |
| 44 | Drug-resistant breast carcinoma (MCF-7) cells are paradoxically sensitive to apoptosis. Journal of Cellular Physiology, 2004, 200, 223-234. | 2.0 | 50 |
| 45 | Multidrug-Resistant MCF-7 Cells: An Identity Crisis?. Journal of the National Cancer Institute, 2002, 94, 1652-b-1654. | 3.0 | 33 |
| 46 | Human breast cancer MCF-7 cell line contains inherently drug-resistant subclones with distinct genotypic and phenotypic features. International Journal of Oncology, 2002, 20, 913. | 1.4 | 18 |
| 47 | Down-regulation of caspase 3 in breast cancer: a possible mechanism for chemoresistance. Oncogene, 2002, 21, 8843-8851. | 2.6 | 383 |
| 48 | Multidrug-resistant MCF-7 breast cancer cells contain deficient intracellular calcium pools. Breast Cancer Research and Treatment, 2002, 71, 237-247. | 1.1 | 51 |
| 49 | Retinoid-Mediated Signaling and CD38 Expression. , 2002, , 409-425. | | 3 |
| 50 | Retinoic acid--a player that rules the game of life and death in neutrophils. Indian Journal of Experimental Biology, 2002, 40, 874-81. | 0.5 | 2 |
| 51 | Human CD38: a (r)evolutionary story of enzymes and receptors. Leukemia Research, 2001, 25, 1-12. | 0.4 | 258 |
| 52 | Retinoid-Mediated Signaling Pathways in CD38 Antigen Expression in Myeloid Leukemia Cells. Leukemia and Lymphoma, 1999, 32, 441-449. | 0.6 | 18 |
| 53 | Tissue transglutaminase: an enzyme with a split personality. International Journal of Biochemistry and Cell Biology, 1999, 31, 817-836. | 1.2 | 171 |
| 54 | Antiproliferative effect of curcumin (diferuloylmethane) against human breast tumor cell lines. Anti-Cancer Drugs, 1997, 8, 470-481. | 0.7 | 290 |

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|---|---|---|---|
| 55 | Involvement of Retinoic Acid Receptor-Î±â€“Mediated Signaling Pathway in Induction of CD38 Cell-Surface Antigen. Blood, 1997, 89, 3607-3614. | 0.6 | 53 |
| 56 | Involvement of Retinoic Acid Receptor-Î±â€“Mediated Signaling Pathway in Induction of CD38 Cell-Surface Antigen. Blood, 1997, 89, 3607-3614. | 0.6 | 3 |
| 57 | Human CD38, a cellâ€surface protein with multiple functions. FASEB Journal, 1996, 10, 1408-1417. | 0.2 | 264 |
| 58 | Post-translational Modification of CD38 Protein into a High Molecular Weight Form Alters Its Catalytic Properties. Journal of Biological Chemistry, 1996, 271, 15922-15927. | 1.6 | 60 |
| 59 | High levels of transglutaminase expression in doxorubicin-resistant human breast carcinoma cells. International Journal of Cancer, 1994, 58, 400-406. | 2.3 | 106 |
| 60 | Human CD38: a glycoprotein in search of a function. Trends in Immunology, 1994, 15, 95-97. | 7.5 | 331 |
| 61 | Purification and characterization of a novel transglutaminase from filarial nematode Brugia malayi. FEBS Journal, 1994, 225, 625-634. | 0.2 | 39 |
| 62 | Significance of transglutaminase-catalyzed reactions in growth and development of filarial parasite, Brugia malayi. Biochemical and Biophysical Research Communications, 1990, 173, 1051-1057. | 1.0 | 21 |
| 63 | Transglutaminase Levels and Immunologic Functions of BCG-Elicited Mouse Peritoneal Macrophages Isolated by Centrifugal Elutriation. Journal of Leukocyte Biology, 1989, 45, 434-443. | 1.5 | 8 |
| 64 | Induction of Adenosine Deaminase and 5â€² Nucleotidase Activity in Cultured Human Blood Monocytes and Monocytic Leukemia (THP-1) Cells by Differentiating Agents. Journal of Leukocyte Biology, 1988, 44, 205-211. | 1.5 | 16 |
| 65 | Induction of Tissue Transglutaminase in Human Peripheral Blood Monocytes by Intracellular Delivery of Retinoids. Journal of Leukocyte Biology, 1987, 41, 341-348. | 1.5 | 19 |