# Selvarangan Ponnazhagan

List of Publications by Year
in descending order



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|---|---|---|---|
| 89 papers | 4,055 citations | 108046 37 h-index | 145109 60 g-index |
| 90 all docs | 90 docs citations | 90 times ranked | 6146 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Computational Simulation of Exosome Transport in Tumor Microenvironment. Frontiers in Medicine, 2021, 8, 643793. | 1.2 | 7 |
| 2 | Extracellular Vesicle Mediated Tumor-Stromal Crosstalk Within an Engineered Lung Cancer Model. Frontiers in Oncology, 2021, 11, 654922. | 1.3 | 8 |
| 3 | Hedgehog Signaling Regulates Metabolism and Polarization of Mammary Tumor-Associated Macrophages. Cancer Research, 2021, 81, 5425-5437. | 0.4 | 50 |
| 4 | Indoleamine 2, 3-Dioxygenase Promotes Aryl Hydrocarbon Receptor-Dependent Differentiation Of Regulatory B Cells in Lung Cancer. Frontiers in Immunology, 2021, 12, 747780. | 2.2 | 8 |
| 5 | A conserved aromatic moiety in the ectodomain is a key determinant for structural integrity and protein trafficking of TNFR superfamily. FASEB Journal, 2020, 34, 15687-15700. | 0.2 | 0 |
| 6 | RANKL-Targeted Combination Therapy with Osteoprotegerin Variant Devoid of TRAIL Binding Exerts Biphasic Effects on Skeletal Remodeling and Antitumor Immunity. Molecular Cancer Therapeutics, 2020, 19, 2585-2597. | 1.9 | 3 |
| 7 | Adeno-Associated Virus D-Sequence-Mediated Suppression of Expression of a Human Major Histocompatibility Class II Gene: Implications in the Development of Adeno-Associated Virus Vectors for Modulating Humoral Immune Response. Human Gene Therapy, 2020, 31, 565-574. | 1.4 | 5 |
| 8 | Mechanical strain induces phenotypic changes in breast cancer cells and promotes immunosuppression in the tumor microenvironment. Laboratory Investigation, 2020, 100, 1503-1516. | 1.7 | 27 |
| 9 | Runx2 Deficiency in Osteoblasts Promotes Myeloma Progression by Altering the Bone Microenvironment at New Bone Sites. Cancer Research, 2020, 80, 1036-1048. | 0.4 | 18 |
| 10 | Revisiting Immunotherapy: A Focus on Prostate Cancer. Cancer Research, 2020, 80, 1615-1623. | 0.4 | 120 |
| 11 | Recombinant AAV-CEA Tumor Vaccine in Combination with an Immune Adjuvant Breaks Tolerance and Provides Protective Immunity. Molecular Therapy - Oncolytics, 2019, 12, 41-48. | 2.0 | 29 |
| 12 | Structural determinants and genetic modifications enhance BMP2 stability and extracellular secretion. FASEB BioAdvances, 2019, 1, 180-190. | 1.3 | 11 |
| 13 | Characterization of immune cell subtypes in three commonly used mouse strains reveals gender and strain-specific variations. Laboratory Investigation, 2019, 99, 93-106. | 1.7 | 67 |
| 14 | Pathology, Chemoprevention, and Preclinical Models for Target Validation in Barrett Esophagus. Cancer Research, 2018, 78, 3747-3754. | 0.4 | 2 |
| 15 | Myeloid-Derived Suppressor Cells Impair B Cell Responses in Lung Cancer through IL-7 and STAT5. Journal of Immunology, 2018, 201, 278-295. | 0.4 | 89 |
| 16 | Endostatin inhibits androgenâ€independent prostate cancer growth by suppressing nuclear receptorâ€mediated oxidative stress. FASEB Journal, 2017, 31, 1608-1619. | 0.2 | 11 |
| 17 | Location of tumor affects local and distant immune cell type and number. Immunity, Inflammation and Disease, 2017, 5, 85-94. | 1.3 | 14 |
| 18 | Silencing of TGF-Î²1 in tumor cells impacts MMP-9 in tumor microenvironment. Scientific Reports, 2017, 7, 8678. | 1.6 | 41 |

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|---|---|---|---|
| 19 | Mesenchymal stem cells expressing osteoprotegerin variants inhibit osteolysis in a murine model of multiple myeloma. Blood Advances, 2017, 1, 2375-2385. | 2.5 | 8 |
| 20 | Osteoclast proton pump regulator Atp6v1c1 enhances breast cancer growth by activating the mTORC1 pathway and bone metastasis by increasing V-ATPase activity. Oncotarget, 2017, 8, 47675-47690. | 0.8 | 33 |
| 21 | Effects of Cellular Methylation on Transgene Expression and Site-Specific Integration of Adeno-Associated Virus. Genes, 2017, 8, 232. | 1.0 | 12 |
| 22 | Resveratrol induces mitochondria-mediated, caspase-independent apoptosis in murine prostate cancer cells. Oncotarget, 2017, 8, 20895-20908. | 0.8 | 46 |
| 23 | Indoleamine 2,3-dioxygenase regulates anti-tumor immunity in lung cancer by metabolic reprogramming of immune cells in the tumor microenvironment. Oncotarget, 2016, 7, 75407-75424. | 0.8 | 66 |
| 24 | Prostate cancer-derived cathelicidin-related antimicrobial peptide facilitates macrophage differentiation and polarization of immature myeloid progenitors to protumorigenic macrophages. Prostate, 2016, 76, 624-636. | 1.2 | 32 |
| 25 | Immature myeloid cells are critical for enhancing bone fracture healing through angiogenic cascade. Bone, 2016, 93, 113-124. | 1.4 | 16 |
| 26 | SOCS3 Deficiency in Myeloid Cells Promotes Tumor Development: Involvement of STAT3 Activation and Myeloid-Derived Suppressor Cells. Cancer Immunology Research, 2015, 3, 727-740. | 1.6 | 54 |
| 27 | Endostatin: A novel inhibitor of androgen receptor function in prostate cancer. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 1392-1397. | 3.3 | 37 |
| 28 | Variants of Osteoprotegerin Lacking TRAIL Binding for Therapeutic Bone Remodeling in Osteolytic Malignancies. Molecular Cancer Research, 2015, 13, 819-827. | 1.5 | 10 |
| 29 | The dual targeting of immunosuppressive cells and oxidants promotes effector and memory T-cell functions against lung cancer. OncoImmunology, 2014, 3, e27401. | 2.1 | 4 |
| 30 | Anterior Gradient Protein-2 Is a Regulator of Cellular Adhesion in Prostate Cancer. PLoS ONE, 2014, 9, e89940. | 1.1 | 17 |
| 31 | Detection of Merkel cell polyomavirus in formalin-fixed, paraffin-embedded tissue of Merkel cell carcinoma and correlation with prognosis. Romanian Journal of Morphology and Embryology, 2014, 55, 1057-62. | 0.4 | 4 |
| 32 | Myeloid-Derived Suppressor Cells Function as Novel Osteoclast Progenitors Enhancing Bone Loss in Breast Cancer. Cancer Research, 2013, 73, 672-682. | 0.4 | 153 |
| 33 | Muscle-Directed Anti-AÎ² Single-Chain Antibody Delivery via AAV1 Reduces Cerebral AÎ² Load in an Alzheimerâ€™s Disease Mouse Model. Journal of Molecular Neuroscience, 2013, 49, 277-288. | 1.1 | 20 |
| 34 | Polyglutamate directed coupling of bioactive peptides for the delivery ofÂosteoinductive signals on allograft bone. Biomaterials, 2013, 34, 1506-1513. | 5.7 | 34 |
| 35 | Role of plasmacytoid dendritic cells in breast cancer bone dissemination. OncoImmunology, 2013, 2, e22983. | 2.1 | 17 |
| 36 | Enhancement of Antitumor Immunity in Lung Cancer by Targeting Myeloid-Derived Suppressor Cell Pathways. Cancer Research, 2013, 73, 6609-6620. | 0.4 | 75 |

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| 37 | Myeloid-Derived Suppressor Cells as Osteoclast Progenitors: A Novel Target for Controlling Osteolytic Bone Metastasis. Cancer Research, 2013, 73, 4606-4610. | 0.4 | 69 |
| 38 | Myeloid-derived suppressor cells as a novel target for the control of osteolytic bone disease. OncoImmunology, 2013, 2, e24064. | 2.1 | 12 |
| 39 | Modulation of indoleamine 2,3â€dioxygenase pathway by a combination therapy strategy targeting myeloid derived suppressor cell function in lung cancer. FASEB Journal, 2013, 27, 1105.25. | 0.2 | 0 |
| 40 | Differential effects of low-dose decitabine on immune effector and suppressor responses in melanoma-bearing mice. Cancer Immunology, Immunotherapy, 2012, 61, 1441-1450. | 2.0 | 33 |
| 41 | Noggin Is Novel Inducer of Mesenchymal Stem Cell Adipogenesis. Journal of Biological Chemistry, 2012, 287, 12241-12249. | 1.6 | 23 |
| 42 | Depletion of Plasmacytoid Dendritic Cells Inhibits Tumor Growth and Prevents Bone Metastasis of Breast Cancer Cells. Journal of Immunology, 2012, 189, 4258-4265. | 0.4 | 155 |
| 43 | Mobilization of bone marrow mesenchymal stem cells in vivo augments bone healing in a mouse model of segmental bone defect. Bone, 2012, 50, 1012-1018. | 1.4 | 96 |
| 44 | Anti-Amyloid-Î² Single-Chain Antibody Brain Delivery Via AAV Reduces Amyloid Load But May Increase Cerebral Hemorrhages in an Alzheimer's Disease Mouse Model. Journal of Alzheimer's Disease, 2011, 27, 23-38. | 1.2 | 33 |
| 45 | LLâ€37 as a therapeutic target for late stage prostate cancer. Prostate, 2011, 71, 659-670. | 1.2 | 43 |
| 46 | Conditionally Replicating Adenovirus Expressing TIMP2 for Ovarian Cancer Therapy. Clinical Cancer Research, 2011, 17, 538-549. | 3.2 | 33 |
| 47 | Conditionally Replicating Adenovirus Expressing TIMP2 Increases Survival in a Mouse Model of Disseminated Ovarian Cancer. PLoS ONE, 2011, 6, e25131. | 1.1 | 9 |
| 48 | Therapeutic potential of adult bone marrowâ€derived mesenchymal stem cells in diseases of the skeleton. Journal of Cellular Biochemistry, 2010, 111, 249-257. | 1.2 | 110 |
| 49 | Mesenchymal Stem Cells Expressing Osteogenic and Angiogenic Factors Synergistically Enhance Bone Formation in a Mouse Model of Segmental Bone Defect. Molecular Therapy, 2010, 18, 1026-1034. | 3.7 | 143 |
| 50 | Bacteriophage hyaluronidase effectively inhibits growth, migration and invasion by disrupting hyaluronan-mediated Erk1/2 activation and RhoA expression in human breast carcinoma cells. Cancer Letters, 2010, 298, 238-249. | 3.2 | 13 |
| 51 | Therapeutic Potential of Adult Bone Marrowâ€“Derived Mesenchymal Stem Cells in Prostate Cancer Bone Metastasis. Clinical Cancer Research, 2009, 15, 7175-7185. | 3.2 | 50 |
| 52 | Tumoristatic effects of endostatin in prostate cancer is dependent on androgen receptor status. Prostate, 2009, 69, 1055-1066. | 1.2 | 10 |
| 53 | Free fatty acids enhance breast cancer cell migration through plasminogen activator inhibitor-1 and SMAD4. Laboratory Investigation, 2009, 89, 1221-1228. | 1.7 | 46 |
| 54 | Therapeutic Potential of Mesenchymal Stem Cells Producing Interferon-Î± in a Mouse Melanoma Lung Metastasis Model. Stem Cells, 2008, 26, 2332-2338. | 1.4 | 181 |

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| 55 | Telomere Maintenance in Laser Capture Microdissectionâ€“Purified Barrett's Adenocarcinoma Cells and Effect of Telomerase Inhibition In vivo. Clinical Cancer Research, 2008, 14, 4971-4980. | 3.2 | 39 |
| 56 | Systemic Osteoprotegerin Gene Therapy Restores Tumor-induced Bone Loss in a Therapeutic Model of Breast Cancer Bone Metastasis. Molecular Therapy, 2008, 16, 871-878. | 3.7 | 32 |
| 57 | Silencing of Transforming Growth Factor-Î²1 In situ by RNA Interference for Breast Cancer: Implications for Proliferation and Migration In vitro and Metastasis In vivo. Clinical Cancer Research, 2008, 14, 4961-4970. | 3.2 | 48 |
| 58 | Genetic Modification of Adeno-Associated Viral Vector Type 2 Capsid Enhances Gene Transfer Efficiency in Polarized Human Airway Epithelial Cells. Human Gene Therapy, 2008, 19, 1407-1414. | 1.4 | 27 |
| 59 | Clinical significance of a novel single nucleotide polymorphism in the 5' untranslated region of the Rabphillin-3A-Like gene in colorectal adenocarcinoma. Frontiers in Bioscience - Landmark, 2008, 13, 1050. | 3.0 | 8 |
| 60 | Notch1 Augments Intracellular Trafficking of Adeno-Associated Virus Type 2. Journal of Virology, 2007, 81, 2069-2073. | 1.5 | 12 |
| 61 | Bone homing of mesenchymal stem cells by ectopic Î±4 integrin expression. FASEB Journal, 2007, 21, 3917-3927. | 0.2 | 153 |
| 62 | Effects of Sustained Antiangiogenic Therapy in Multistage Prostate Cancer in TRAMP Model. Cancer Research, 2007, 67, 5789-5797. | 0.4 | 44 |
| 63 | Anti-AÎ² single-chain antibody delivery via adeno-associated virus for treatment of Alzheimer's disease. Neurobiology of Disease, 2006, 23, 502-511. | 2.1 | 84 |
| 64 | Antiangiogenic cancer gene therapy by adeno-associated virus 2-mediated stable expression of the soluble FMS-like tyrosine kinase-1 receptor. Cancer Gene Therapy, 2005, 12, 26-34. | 2.2 | 31 |
| 65 | Determination of osteoprogenitor-specific promoter activity in mouse mesenchymal stem cells by recombinant adeno-associated virus transduction. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2005, 1731, 95-103. | 2.4 | 25 |
| 66 | Protein Transduction of Dendritic Cells for NY-ESO-1-Based Immunotherapy of Myeloma. Cancer Research, 2005, 65, 10041-10049. | 0.4 | 61 |
| 67 | Genomic Stability of Self-Complementary Adeno-Associated Virus 2 During Early Stages of Transduction in Mouse MuscleIn Vivo. Human Gene Therapy, 2005, 16, 1047-1057. | 1.4 | 26 |
| 68 | Recombinant adeno-associated virus 2-mediated antiangiogenic prevention in a mouse model of intraperitoneal ovarian cancer. Clinical Cancer Research, 2005, 11, 1342-7. | 3.2 | 18 |
| 69 | Augmentation of Antitumor Activity of a Recombinant Adeno-Associated Virus Carcinoembryonic Antigen Vaccine with Plasmid Adjuvant. Human Gene Therapy, 2004, 15, 856-864. | 1.4 | 16 |
| 70 | Adeno-Associated Virus 2-Mediated Antiangiogenic Cancer Gene Therapy. Cancer Research, 2004, 64, 1781-1787. | 0.4 | 74 |
| 71 | Parvovirus vectors for cancer gene therapy. Expert Opinion on Biological Therapy, 2004, 4, 53-64. | 1.4 | 10 |
| 72 | Osteogenic Differentiation of Recombinant Adeno-Associated Virus 2-Transduced Murine Mesenchymal Stem Cells and Development of an Immunocompetent Mouse Model forEx VivoOsteoporosis Gene Therapy. Human Gene Therapy, 2004, 15, 1197-1206. | 1.4 | 59 |

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| 73 | Gene Therapy for Osteoinduction. Current Gene Therapy, 2004, 4, 287-296. | 0.9 | 3 |
| 74 | Conjugate-Based Targeting of Adeno-Associated Virus Vectors. , 2003, , 201-219. | | 0 |
| 75 | Conjugate-Based Targeting of Recombinant Adeno-Associated Virus Type 2 Vectors by Using Avidin-Linked Ligands. Journal of Virology, 2002, 76, 12900-12907. | 1.5 | 116 |
| 76 | Adenoassociated Virus Vectors for Genetic Immunization. Immunologic Research, 2002, 26, 247-254. | 1.3 | 7 |
| 77 | Adeno-Associated Virus Type 2-Mediated Transduction of Human Monocyte-Derived Dendritic Cells: Implications for Ex Vivo Immunotherapy. Journal of Virology, 2001, 75, 9493-9501. | 1.5 | 76 |
| 78 | Adeno-Associated Virus 2-Mediated Transduction and Erythroid Lineage-Restricted Expression from Parvovirus B19p6 Promoter in Primary Human Hematopoietic Progenitor Cells. Journal of Hematotherapy and Stem Cell Research, 1999, 8, 585-592. | 1.8 | 17 |
| 79 | Adeno-Associated Virus Type 2-Mediated Gene Transfer: Role of Epidermal Growth Factor Receptor Protein Tyrosine Kinase in Transgene Expression. Journal of Virology, 1998, 72, 9835-9843. | 1.5 | 92 |
| 80 | Adeno-Associated Virus Type 2-Mediated Gene Transfer: Correlation of Tyrosine Phosphorylation of the Cellular Single-Stranded D Sequence-Binding Protein with Transgene Expression in Human Cells In Vitro and Murine Tissues In Vivo. Journal of Virology, 1998, 72, 1593-1599. | 1.5 | 118 |
| 81 | Recombinant Human Parvovirus B19 Vectors: Erythroid Cell-Specific Delivery and Expression of Transduced Genes. Journal of Virology, 1998, 72, 5224-5230. | 1.5 | 46 |
| 82 | Characterization of Wild-Type Adeno-Associated Virus Type 2-Like Particles Generated during Recombinant Viral Vector Production and Strategies for Their Elimination. Journal of Virology, 1998, 72, 5472-5480. | 1.5 | 61 |
| 83 | Evaluation of recombinant adeno-associated virus as a gene transfer vector for the retina. Current Eye Research, 1997, 16, 949-956. | 0.7 | 71 |
| 84 | Lack of Site-Specific Integration of the Recombinant Adeno-Associated Virus 2 Genomes in Human Cells. Human Gene Therapy, 1997, 8, 275-284. | 1.4 | 142 |
| 85 | Adeno-associated virus 2-mediated gene transfer in vivo: organ-tropism and expression of transduced sequences in mice. Gene, 1997, 190, 203-210. | 1.0 | 128 |
| 86 | Mousesilver.mutation is caused by a single base insertion in the putative cytoplasmic domain of Pmel 17. Nucleic Acids Research, 1995, 23, 154-158. | 6.5 | 77 |
| 87 | Rescue and Replication Signals of the Adeno-associated Virus 2 Genome. Journal of Molecular Biology, 1995, 250, 573-580. | 2.0 | 67 |
| 88 | Cord Blood Transplantation and the Potential for Gene Therapy.. Annals of the New York Academy of Sciences, 1995, 770, 105-115. | 1.8 | 15 |
| 89 | Structural Organization of the Human Tyrosinase Gene and Sequence Analysis and Characterization of its Promoter Region. Journal of Investigative Dermatology, 1994, 102, 744-748. | 0.3 | 45 |