

# Jozsef Dudas

## List of Publications by Year in descending order

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116  
papers

3,781  
citations

117453

34  
h-index

155451

55  
g-index

135  
all docs

135  
docs citations

135  
times ranked

5553  
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of exosomes in cancer metastasis. <i>Seminars in Cancer Biology</i> , 2017, 44, 170-181.	4.3	305
2	Therapy resistance mediated by cancer stem cells. <i>Seminars in Cancer Biology</i> , 2018, 53, 156-167.	4.3	212
3	Therapy resistance mediated by exosomes. <i>Molecular Cancer</i> , 2019, 18, 58.	7.9	133
4	Epithelial to Mesenchymal Transition: A Mechanism that Fuels Cancer Radio/Chemoresistance. <i>Cells</i> , 2020, 9, 428.	1.8	111
5	Remodeling of extracellular matrix by normal and tumor-associated fibroblasts promotes cervical cancer progression. <i>BMC Cancer</i> , 2015, 15, 256.	1.1	101
6	Proteoglycans and tumor progression: Janus-faced molecules with contradictory functions in cancer. <i>Seminars in Cancer Biology</i> , 2002, 12, 173-186.	4.3	91
7	Cell-specific targeting in the mouse inner ear using nanoparticles conjugated with a neurotrophin-derived peptide ligand: Potential tool for drug delivery. <i>International Journal of Pharmaceutics</i> , 2010, 390, 214-224.	2.6	88
8	Changes of gene expression of iron regulatory proteins during turpentine oil-induced acute-phase response in the rat. <i>Laboratory Investigation</i> , 2007, 87, 713-725.	1.7	78
9	Agrin, a novel basement membrane component in human and rat liver, accumulates in cirrhosis and hepatocellular carcinoma. <i>Laboratory Investigation</i> , 2006, 86, 1149-1160.	1.7	75
10	Expression of Decorin, Transforming Growth Factor-beta1, Tissue Inhibitor Metalloproteinase 1 and 2, and Type IV Collagenases in Chronic Hepatitis. <i>American Journal of Clinical Pathology</i> , 2001, 115, 725-735.	0.4	71
11	Single-Dose Gamma-Irradiation Induces Up-Regulation of Chemokine Gene Expression and Recruitment of Granulocytes into the Portal Area but Not into Other Regions of Rat Hepatic Tissue. <i>American Journal of Pathology</i> , 2010, 176, 1801-1815.	1.9	70
12	Fibroblasts produce brain-derived neurotrophic factor and induce mesenchymal transition of oral tumor cells. <i>Oral Oncology</i> , 2011, 47, 98-103.	0.8	70
13	Differential responses of fibroblasts, non-neoplastic epithelial cells, and oral carcinoma cells to low-level laser therapy. <i>Supportive Care in Cancer</i> , 2012, 20, 523-529.	1.0	69
14	Rac1 as a potential therapeutic target for chemo-radioresistant head and neck squamous cell carcinomas (HNSCC). <i>British Journal of Cancer</i> , 2014, 110, 2677-2687.	2.9	68
15	Cancer stem cells and their unique role in metastatic spread. <i>Seminars in Cancer Biology</i> , 2020, 60, 148-156.	4.3	68
16	Tumor cell and carcinoma-associated fibroblast interaction regulates matrix metalloproteinases and their inhibitors in oral squamous cell carcinoma. <i>Experimental Cell Research</i> , 2012, 318, 1517-1527.	1.2	65
17	Thy-1 is an in vivo and in vitro marker of liver myofibroblasts. <i>Cell and Tissue Research</i> , 2007, 329, 503-514.	1.5	64
18	Effect of heparin and liver heparan sulphate on interaction of HepG2-derived transcription factors and their cis-acting elements: altered potential of hepatocellular carcinoma heparan sulphate. <i>Biochemical Journal</i> , 2000, 350, 245-251.	1.7	59

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19	Tumor-produced, active Interleukin-1 $\beta$ regulates gene expression in carcinoma-associated fibroblasts. <i>Experimental Cell Research</i> , 2011, 317, 2222-2229.	1.2	59
20	x-Irradiation in Rat Liver: Consequent Upregulation of Heparin and Downregulation of Hemojuvelin and Ferroportin-1 Gene Expression. <i>Radiology</i> , 2007, 242, 189-197.	3.6	58
21	Nanomedicine strategies for drug delivery to the ear. <i>Nanomedicine</i> , 2013, 8, 1155-1172.	1.7	57
22	Inhibition of DNA topoisomerase I activity by heparan sulfate and modulation by basic fibroblast growth factor. <i>Molecular and Cellular Biochemistry</i> , 1998, 183, 11-23.	1.4	53
23	Expression of stem cell factor and its receptor c-Kit during the development of intrahepatic cholangiocarcinoma. <i>Laboratory Investigation</i> , 2009, 89, 562-574.	1.7	53
24	Photodynamic Effect of Methylene Blue and Low Level Laser Radiation in Head and Neck Squamous Cell Carcinoma Cell Lines. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1107.	1.8	53
25	IGF-I induces DNA synthesis and apoptosis in rat liver hepatic stellate cells (HSC) but DNA synthesis and proliferation in rat liver myofibroblasts (rMF). <i>Laboratory Investigation</i> , 2004, 84, 1037-1049.	1.7	50
26	The homeobox transcription factor Prox1 is highly conserved in embryonic hepatoblasts and in adult and transformed hepatocytes, but is absent from bile duct epithelium. <i>Anatomy and Embryology</i> , 2004, 208, 359-66.	1.5	50
27	Upregulation of heme oxygenase-1 gene by turpentine oil-induced localized inflammation: involvement of interleukin-6. <i>Laboratory Investigation</i> , 2005, 85, 376-387.	1.7	49
28	Altered regulation of Prox1-gene-expression in liver tumors. <i>BMC Cancer</i> , 2008, 8, 92.	1.1	47
29	Atorvastatin induces apoptosis by a caspase-9 dependent pathway: an <i>in vitro</i> study on activated rat hepatic stellate cells. <i>Liver International</i> , 2008, 28, 546-557.	1.9	45
30	Curcumin targets fibroblast-tumor cell interactions in oral squamous cell carcinoma. <i>Experimental Cell Research</i> , 2013, 319, 800-809.	1.2	44
31	Thy-1 is expressed in myofibroblasts but not found in hepatic stellate cells following liver injury. <i>Histochemistry and Cell Biology</i> , 2009, 131, 115-127.	0.8	42
32	Effect of heparin and liver heparan sulphate on interaction of HepG2-derived transcription factors and their cis-acting elements: altered potential of hepatocellular carcinoma heparan sulphate. <i>Biochemical Journal</i> , 2000, 350, 245.	1.7	40
33	Tumor-associated fibroblast-conditioned medium induces CDDP resistance in HNSCC cells. <i>Oncotarget</i> , 2016, 7, 2508-2518.	0.8	40
34	Prospero-related homeobox 1 (Prox1) is a stable hepatocyte marker during liver development, injury and regeneration, and is absent from $\alpha$ - <i>\alpha</i> cells. <i>Histochemistry and Cell Biology</i> , 2006, 126, 549-562.	0.8	37
35	Role of BDNF and neurotrophic receptors in human inner ear development. <i>Cell and Tissue Research</i> , 2017, 370, 347-363.	1.5	37
36	Cytokine-induced neutrophil chemoattractant-1 is released by the noninjured liver in a rat acute-phase model. <i>Laboratory Investigation</i> , 2006, 86, 800-814.	1.7	36

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37	Triglycerides Potentiate the Inflammatory Response in Rat Kupffer Cells. <i>Antioxidants and Redox Signaling</i> , 2008, 10, 2009-2022.	2.5	34
38	Somatostatin receptor 2 expression in nasopharyngeal cancer is induced by Epstein Barr virus infection: impact on prognosis, imaging and therapy. <i>Nature Communications</i> , 2021, 12, 117.	5.8	34
39	Effect of heparin and liver heparan sulphate on interaction of HepG2-derived transcription factors and their cis-acting elements: altered potential of hepatocellular carcinoma heparan sulphate. <i>Biochemical Journal</i> , 2000, 350 Pt 1, 245-51.	1.7	32
40	Inflammation and Repair in Viral Hepatitis C. <i>Digestive Diseases and Sciences</i> , 2008, 53, 1468-1487.	1.1	31
41	Interferon- $\beta$ acts proapoptotic on hepatic stellate cells (HSC) and abrogates the antiapoptotic effect of interferon- $\alpha$ by an HSP70-dependant pathway. <i>European Journal of Cell Biology</i> , 2004, 83, 469-476.	1.6	30
42	Immune cells in primary gastrointestinal stromal tumors. <i>European Journal of Gastroenterology and Hepatology</i> , 2008, 20, 327-334.	0.8	30
43	Hepcidin and hemojuvelin gene expression in rat liver damage: in vivo and in vitro studies. <i>American Journal of Physiology - Renal Physiology</i> , 2006, 291, G482-G490.	1.6	29
44	Role of the Ets-1 Transcription Factor during Activation of Rat Hepatic Stellate Cells in Culture. <i>American Journal of Pathology</i> , 1999, 155, 1841-1848.	1.9	27
45	Crosstalk between PDGF and IGF-I receptors in rat liver myofibroblasts: implication for liver fibrogenesis. <i>Laboratory Investigation</i> , 2006, 86, 710-723.	1.7	27
46	Expression of ECM proteins fibulin-1 and -2 in acute and chronic liver disease and in cultured rat liver cells. <i>Cell and Tissue Research</i> , 2009, 337, 449-462.	1.5	27
47	Epithelial-mesenchymal crosstalk induces radioresistance in HNSCC cells. <i>Oncotarget</i> , 2018, 9, 3641-3652.	0.8	26
48	Phagocytosis of gadolinium chloride or zymosan induces simultaneous upregulation of hepcidin- and downregulation of hemojuvelin- and Fpn-1-gene expression in murine liver. <i>Laboratory Investigation</i> , 2009, 89, 1252-1260.	1.7	25
49	Effect of Irradiation on Gene Expression of Rat Liver Adhesion Molecules. <i>Strahlentherapie Und Onkologie</i> , 2009, 185, 460-468.	1.0	24
50	Nanoparticle mediated drug delivery of rolipram to tyrosine kinase B positive cells in the inner ear with targeting peptides and agonistic antibodies. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 71.	1.7	24
51	Expression and regulation of the insulin-like growth factor axis components in rat liver myofibroblasts. <i>Journal of Cellular Physiology</i> , 2004, 199, 388-398.	2.0	23
52	Nerve Growth Factor (NGF) $\alpha$ Receptor Survival Axis in Head and Neck Squamous Cell Carcinoma. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1771.	1.8	23
53	Slug Is A Surrogate Marker of Epithelial to Mesenchymal Transition (EMT) in Head and Neck Cancer. <i>Journal of Clinical Medicine</i> , 2020, 9, 2061.	1.0	23
54	Kinetics of albumin- and alpha-fetoprotein-production during rat liver development. <i>Histochemistry and Cell Biology</i> , 2007, 128, 431-443.	0.8	22

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55	Clinical outcomes, Kadish-INSICA staging and therapeutic targeting of somatostatin receptor 2 in olfactory neuroblastoma. European Journal of Cancer, 2022, 162, 221-236.	1.3	22
56	Quantitative gene expression of cytokines in peripheral blood leukocytes stimulated in vitro: modulation by the anti-tumor necrosis factor-alpha antibody infliximab and comparison with the mucosal cytokine expression in patients with ulcerative colitis. Translational Research, 2007, 150, 223-232.	2.2	21
57	<sup>68</sup> Ga-DOTA0-Tyr3-octreotide positron emission tomography in nasopharyngeal carcinoma. European Journal of Nuclear Medicine and Molecular Imaging, 2015, 42, 20-24.	3.3	21
58	Neuroendocrine differentiation in head and neck squamous cell carcinoma. Journal of Laryngology and Otology, 2012, 126, 1261-1270.	0.4	20
59	Activation of TrkB receptors by NGF $\beta$ mimetic peptide conjugated polymersome nanoparticles. Nanomedicine: Nanotechnology, Biology, and Medicine, 2012, 8, 271-274.	1.7	20
60	Extracellular matrix induces doxorubicin-resistance in human osteosarcoma cells by suppression of p53 function. Cancer Biology and Therapy, 2007, 6, 1251-1257.	1.5	19
61	Expression of stem cell factor receptor c-kit in human nontumoral and tumoral hepatic cells. European Journal of Gastroenterology and Hepatology, 2009, 21, 1206-1211.	0.8	19
62	Prognostic value of tumor volume in patients with head and neck squamous cell carcinoma treated with primary surgery. Head and Neck, 2018, 40, 728-739.	0.9	18
63	Endoreplication and polyploidy in primary culture of rat hepatic stellate cells. Cell and Tissue Research, 2003, 313, 301-311.	1.5	17
64	Gene regulation by homeobox transcription factor Prox1 in murine hepatoblasts. Cell and Tissue Research, 2007, 330, 209-220.	1.5	17
65	Endocytic trafficking of silica nanoparticles in a cell line derived from the organ of Corti. Nanomedicine, 2013, 8, 239-252.	1.7	17
66	Cell cycle association and hypoxia regulation of excision repair cross complementation group 1 protein (ERCC1) in tumor cells of head and neck cancer. Tumor Biology, 2014, 35, 7807-7819.	0.8	17
67	Supportive and Rejective Functions of Tumor Stroma on Tumor Cell Growth, Survival, and Invasivity: The Cancer Evolution. Frontiers in Oncology, 2015, 5, 44.	1.3	17
68	Sensitivity of tumor surface brushings to detect human papilloma virus DNA in head and neck cancer. Oral Oncology, 2017, 67, 103-108.	0.8	17
69	Hepatic changes of erythropoietin gene expression in a rat model of acute-phase response. Liver International, 2010, 30, 55-64.	1.9	16
70	<sup>68</sup> Ga-DOTA0-Tyr3-octreotide positron emission tomography in head and neck squamous cell carcinoma. European Journal of Nuclear Medicine and Molecular Imaging, 2013, 40, 1365-1372.	3.3	16
71	Improvement of the energy generation by pressure retarded osmosis. Energy, 2016, 116, 1323-1333.	4.5	16
72	Growth and cellular patterning during fetal human inner ear development studied by a correlative imaging approach. BMC Developmental Biology, 2019, 19, 11.	2.1	16

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73	Invasive growth and topoisomerase-switch induced by tumorous extracellular matrix in osteosarcoma cell culture. <i>Cell Biology International</i> , 2005, 29, 959-967.	1.4	14
74	Irradiation leads to apoptosis of Kupffer cells by a Hsp27-dependant pathway followed by release of TNF- $\alpha$ . <i>Radiation and Environmental Biophysics</i> , 2008, 47, 389-397.	0.6	14
75	Description of the diffusiveâ€“convective mass transport in a hollow-fiber biphasic biocatalytic membrane reactor. <i>Journal of Membrane Science</i> , 2015, 482, 144-157.	4.1	14
76	KLF4, Slug and EMT in Head and Neck Squamous Cell Carcinoma. <i>Cells</i> , 2021, 10, 539.	1.8	14
77	Localization of TrkB and p75 receptors in peritoneal and deep infiltrating endometriosis: an immunohistochemical study. <i>Reproductive Biology and Endocrinology</i> , 2016, 14, 43.	1.4	13
78	Separation of cell survival, growth, migration, and mesenchymal transdifferentiation effects of fibroblast secretome on tumor cells of head and neck squamous cell carcinoma. <i>Tumor Biology</i> , 2017, 39, 101042831770550.	0.8	13
79	Expression of a decorin-like molecule in human melanoma. <i>Pathology and Oncology Research</i> , 2001, 7, 260-266.	0.9	12
80	Lack of Matrilin-2 Favors Liver Tumor Development via Erk1/2 and GSK-3 $\beta$ Pathways In Vivo. <i>PLoS ONE</i> , 2014, 9, e93469.	1.1	12
81	Hepatoblast and mesenchymal cell-specific gene-expression in fetal rat liver and in cultured fetal rat liver cells. <i>Histochemistry and Cell Biology</i> , 2009, 132, 11-19.	0.8	11
82	Early appearance of key transcription factors influence the spatiotemporal development of the human inner ear. <i>Cell and Tissue Research</i> , 2020, 379, 459-471.	1.5	11
83	Neurotrophic Receptors as Potential Therapy Targets in Postnatal Development, in Adult, and in Hearing Loss-Affected Inner Ear. <i>Otology and Neurotology</i> , 2011, 32, 761-773.	0.7	10
84	Different physiology of interferon- $\alpha$ / $\beta$ in models of liver regeneration in the rat. <i>Histochemistry and Cell Biology</i> , 2011, 136, 131-144.	0.8	10
85	Peptide-mediated targeting of liposomes to TrkB receptor-expressing cells. <i>International Journal of Nanomedicine</i> , 2012, 7, 3475.	3.3	10
86	Changes of hepatic lactoferrin gene expression in two mouse models of the acute phase reaction. <i>International Journal of Biochemistry and Cell Biology</i> , 2011, 43, 1822-1832.	1.2	9
87	L1CAM in the Early Enteric and Urogenital System. <i>Journal of Histochemistry and Cytochemistry</i> , 2017, 65, 21-32.	1.3	9
88	Pleiotropic Effects of Epithelial Mesenchymal Crosstalk on Head and Neck Cancer: EMT and beyond. <i>Cancer Microenvironment</i> , 2019, 12, 67-76.	3.1	9
89	HCN channels in the mammalian cochlea: Expression pattern, subcellular location, and ageâ€“dependent changes. <i>Journal of Neuroscience Research</i> , 2021, 99, 699-728.	1.3	9
90	Transcriptome-Wide Analysis Reveals a Role for Extracellular Matrix and Integrin Receptor Genes in Otic Neurosensory Differentiation from Human iPSCs. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10849.	1.8	9

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91	EMT-related transcription factors and protein stabilization mechanisms involvement in cadherin switch of head and neck squamous cell carcinoma. <i>Experimental Cell Research</i> , 2022, 414, 113084.	1.2	9
92	Brain-Derived Neurotrophin and TrkB in Head and Neck Squamous Cell Carcinoma. <i>International Journal of Molecular Sciences</i> , 2019, 20, 272.	1.8	8
93	Post-Treatment HPV Surface Brushings and Risk of Relapse in Oropharyngeal Carcinoma. <i>Cancers</i> , 2020, 12, 1069.	1.7	8
94	The Epithelial-Mesenchymal Transcription Factor Slug Predicts Survival Benefit of Up-Front Surgery in Head and Neck Cancer. <i>Cancers</i> , 2021, 13, 772.	1.7	8
95	Heparin and Liver Heparan Sulfate Can Rescue Hepatoma Cells from Topotecan Action. <i>BioMed Research International</i> , 2014, 2014, 1-8.	0.9	7
96	Infiltration of lymphocyte subpopulations into cancer microtissues as a tool for the exploration of immunomodulatory agents and biomarkers. <i>Immunobiology</i> , 2016, 221, 604-617.	0.8	7
97	Characterization of epithelial cells, connective tissue cells and immune cells in human upper airway mucosa by immunofluorescence multichannel image cytometry: a pilot study. <i>Histochemistry and Cell Biology</i> , 2021, 155, 405-421.	0.8	7
98	Antiproliferative and antimigratory effects of doxorubicin in human osteosarcoma cells exposed to extracellular matrix. <i>Anticancer Research</i> , 2005, 25, 805-13.	0.5	7
99	Identification of HN-1-Peptide Target in Head and Neck Squamous Cell Carcinoma Cells. <i>ISRN Oncology</i> , 2011, 2011, 1-10.	2.1	6
100	Two ways of epigenetic silencing of TFPI2 in cervical cancer. <i>PLoS ONE</i> , 2020, 15, e0234873.	1.1	6
101	Does low-level laser therapy affect the survival of patients with head and neck cancer?. <i>Lasers in Medical Science</i> , 2021, 36, 599-604.	1.0	6
102	FGF8, FGF10 and FGF receptor 2 in foreskin of children with hypospadias: an analysis of immunohistochemical expression patterns and gene transcription. <i>Journal of Pediatric Urology</i> , 2020, 16, 41.e1-41.e10.	0.6	5
103	HLA Class I Downregulation in Progressing Metastases of Melanoma Patients Treated With Ipilimumab. <i>Pathology and Oncology Research</i> , 2022, 28, 1610297.	0.9	5
104	Response of Hepatic Stellate Cells to TGFβ1 Differs from the Response of Myofibroblasts. Decorin Protects against the Action of Growth Factor. <i>Pathology and Oncology Research</i> , 2017, 23, 287-294.	0.9	4
105	HPV-Induced Oropharyngeal Cancer and the Role of the E7 Oncoprotein Detection via Brush Test. <i>Cancers</i> , 2020, 12, 2388.	1.7	4
106	Repopulation of osteosarcoma cells after treatment with doxorubicin in the presence of extracellular matrix biopolymers. <i>Cancer Chemotherapy and Pharmacology</i> , 2006, 58, 334-342.	1.1	3
107	185 Thy-1 expression in human liver cirrhosis and in rat models of liver damage and regeneration. <i>Journal of Hepatology</i> , 2006, 44, S77.	1.8	2
108	Investigation of the interaction between polymer and surfactant aqueous solution for the petroleum industry. <i>Petroleum Science and Technology</i> , 2017, 35, 360-364.	0.7	2

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109	Matrix. , 0, , 453-467.		1
110	An in vitro tumor-fibroblast interaction model of human oral squamous cell carcinoma. BMC Proceedings, 2010, 4, .	1.8	1
111	324 MYC-ASSOCIATED ZINC-FINGER PROTEIN (MAZ) IS A POTENT REGULATOR OF PROX1-GENE-EXPRESSION IN HUMAN HEPATOCELLULAR CARCINOMA. Journal of Hepatology, 2008, 48, S128.	1.8	0
112	133 Rac1-related Signaling Pathways Contributing to Head and Neck Carcinoma Radioresistance. European Journal of Cancer, 2012, 48, 41.	1.3	0
113	New drugs for head and neck cancer. Memo - Magazine of European Medical Oncology, 2012, 5, 236-241.	0.3	0
114	Overall mass transfer rates during pervaporation: effect of the convective velocity on the separation. Desalination and Water Treatment, 2014, 52, 3455-3465.	1.0	0
115	Multicenter Study on Clinical Outcomes of Olfactory Neuroblastoma. Journal of Neurological Surgery, Part B: Skull Base, 2021, 82, .	0.4	0
116	Multicenter Analysis of Clinical Outcomes and Biomarkers of Esthesioneuroblastoma. , 2020, 81, .		0