

# Jozsef Dudas

## List of Publications by Year in descending order

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116  
papers

3,781  
citations

117625

34  
h-index

155660

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.	9.6	305
2	Therapy resistance mediated by cancer stem cells. <i>Seminars in Cancer Biology</i> , 2018, 53, 156-167.	9.6	212
3	Therapy resistance mediated by exosomes. <i>Molecular Cancer</i> , 2019, 18, 58.	19.2	133
4	Epithelial to Mesenchymal Transition: A Mechanism that Fuels Cancer Radio/Chemoresistance. <i>Cells</i> , 2020, 9, 428.	4.1	111
5	Remodeling of extracellular matrix by normal and tumor-associated fibroblasts promotes cervical cancer progression. <i>BMC Cancer</i> , 2015, 15, 256.	2.6	101
6	Proteoglycans and tumor progression: Janus-faced molecules with contradictory functions in cancer. <i>Seminars in Cancer Biology</i> , 2002, 12, 173-186.	9.6	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.	5.2	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.	3.7	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.	3.7	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.	0.7	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.	3.8	70
12	Fibroblasts produce brain-derived neurotrophic factor and induce mesenchymal transition of oral tumor cells. <i>Oral Oncology</i> , 2011, 47, 98-103.	1.5	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.	2.2	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.	6.4	68
15	Cancer stem cells and their unique role in metastatic spread. <i>Seminars in Cancer Biology</i> , 2020, 60, 148-156.	9.6	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.	2.6	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.	2.9	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.	3.7	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.	2.6	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.	7.3	58
21	Nanomedicine strategies for drug delivery to the ear. <i>Nanomedicine</i> , 2013, 8, 1155-1172.	3.3	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.	3.1	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.	3.7	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.	4.1	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.	3.7	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.	3.7	49
28	Altered regulation of Prox1-gene-expression in liver tumors. <i>BMC Cancer</i> , 2008, 8, 92.	2.6	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.	3.9	45
30	Curcumin targets fibroblast-tumor cell interactions in oral squamous cell carcinoma. <i>Experimental Cell Research</i> , 2013, 319, 800-809.	2.6	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.	1.7	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.	3.7	40
33	Tumor-associated fibroblast-conditioned medium induces CDDP resistance in HNSCC cells. <i>Oncotarget</i> , 2016, 7, 2508-2518.	1.8	40
34	Prospero-related homeobox 1 (Prox1) is a stable hepatocyte marker during liver development, injury and regeneration, and is absent from $\alpha$ - $\alpha$ cells. <i>Histochemistry and Cell Biology</i> , 2006, 126, 549-562.	1.7	37
35	Role of BDNF and neurotrophic receptors in human inner ear development. <i>Cell and Tissue Research</i> , 2017, 370, 347-363.	2.9	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.	3.7	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.	5.4	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.	12.8	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.	3.7	32
40	Inflammation and Repair in Viral Hepatitis C. <i>Digestive Diseases and Sciences</i> , 2008, 53, 1468-1487.	2.3	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.	3.6	30
42	Immune cells in primary gastrointestinal stromal tumors. <i>European Journal of Gastroenterology and Hepatology</i> , 2008, 20, 327-334.	1.6	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.	3.4	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.	3.8	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.	3.7	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.	2.9	27
47	Epithelial-mesenchymal crosstalk induces radioresistance in HNSCC cells. <i>Oncotarget</i> , 2018, 9, 3641-3652.	1.8	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.	3.7	25
49	Effect of Irradiation on Gene Expression of Rat Liver Adhesion Molecules. <i>Strahlentherapie Und Onkologie</i> , 2009, 185, 460-468.	2.0	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.	3.4	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.	4.1	23
52	Nerve Growth Factor (NGF) Receptor Survival Axis in Head and Neck Squamous Cell Carcinoma. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1771.	4.1	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.	2.4	23
54	Kinetics of albumin- and alpha-fetoprotein-production during rat liver development. <i>Histochemistry and Cell Biology</i> , 2007, 128, 431-443.	1.7	22

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55	Clinical outcomes, Kadish-INSICA staging and therapeutic targeting of somatostatin receptor 2 in olfactory neuroblastoma. <i>European Journal of Cancer</i> , 2022, 162, 221-236.	2.8	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. <i>Translational Research</i> , 2007, 150, 223-232.	5.0	21
57	<sup>68</sup> Ga-DOTA0-Tyr3-octreotide positron emission tomography in nasopharyngeal carcinoma. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2015, 42, 20-24.	6.4	21
58	Neuroendocrine differentiation in head and neck squamous cell carcinoma. <i>Journal of Laryngology and Otology</i> , 2012, 126, 1261-1270.	0.8	20
59	Activation of TrkB receptors by NGF <sup>2</sup> mimetic peptide conjugated polymersome nanoparticles. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2012, 8, 271-274.	3.3	20
60	Extracellular matrix induces doxorubicin-resistance in human osteosarcoma cells by suppression of p53 function. <i>Cancer Biology and Therapy</i> , 2007, 6, 1251-1257.	3.4	19
61	Expression of stem cell factor receptor c-kit in human nontumoral and tumoral hepatic cells. <i>European Journal of Gastroenterology and Hepatology</i> , 2009, 21, 1206-1211.	1.6	19
62	Prognostic value of tumor volume in patients with head and neck squamous cell carcinoma treated with primary surgery. <i>Head and Neck</i> , 2018, 40, 728-739.	2.0	18
63	Endoreplication and polyploidy in primary culture of rat hepatic stellate cells. <i>Cell and Tissue Research</i> , 2003, 313, 301-311.	2.9	17
64	Gene regulation by homeobox transcription factor Prox1 in murine hepatoblasts. <i>Cell and Tissue Research</i> , 2007, 330, 209-220.	2.9	17
65	Endocytic trafficking of silica nanoparticles in a cell line derived from the organ of Corti. <i>Nanomedicine</i> , 2013, 8, 239-252.	3.3	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. <i>Tumor Biology</i> , 2014, 35, 7807-7819.	1.8	17
67	Supportive and Rejective Functions of Tumor Stroma on Tumor Cell Growth, Survival, and Invasivity: The Cancer Evolution. <i>Frontiers in Oncology</i> , 2015, 5, 44.	2.8	17
68	Sensitivity of tumor surface brushings to detect human papilloma virus DNA in head and neck cancer. <i>Oral Oncology</i> , 2017, 67, 103-108.	1.5	17
69	Hepatic changes of erythropoietin gene expression in a rat model of acute-phase response. <i>Liver International</i> , 2010, 30, 55-64.	3.9	16
70	<sup>68</sup> Ga-DOTA0-Tyr3-octreotide positron emission tomography in head and neck squamous cell carcinoma. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2013, 40, 1365-1372.	6.4	16
71	Improvement of the energy generation by pressure retarded osmosis. <i>Energy</i> , 2016, 116, 1323-1333.	8.8	16
72	Growth and cellular patterning during fetal human inner ear development studied by a correlative imaging approach. <i>BMC Developmental Biology</i> , 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.	3.0	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.	1.4	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.	8.2	14
76	KLF4, Slug and EMT in Head and Neck Squamous Cell Carcinoma. <i>Cells</i> , 2021, 10, 539.	4.1	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.	3.3	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.	1.8	13
79	Expression of a decorin-like molecule in human melanoma. <i>Pathology and Oncology Research</i> , 2001, 7, 260-266.	1.9	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.	2.5	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.	1.7	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.	2.9	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.	1.3	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.	1.7	10
85	Peptide-mediated targeting of liposomes to TrkB receptor-expressing cells. <i>International Journal of Nanomedicine</i> , 2012, 7, 3475.	6.7	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.	2.8	9
87	L1CAM in the Early Enteric and Urogenital System. <i>Journal of Histochemistry and Cytochemistry</i> , 2017, 65, 21-32.	2.5	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.	2.9	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.	4.1	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.	2.6	9
92	Brain-Derived Neurotrophin and TrkB in Head and Neck Squamous Cell Carcinoma. <i>International Journal of Molecular Sciences</i> , 2019, 20, 272.	4.1	8
93	Post-Treatment HPV Surface Brushings and Risk of Relapse in Oropharyngeal Carcinoma. <i>Cancers</i> , 2020, 12, 1069.	3.7	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.	3.7	8
95	Heparin and Liver Heparan Sulfate Can Rescue Hepatoma Cells from Topotecan Action. <i>BioMed Research International</i> , 2014, 2014, 1-8.	1.9	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.	1.9	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.	1.7	7
98	Antiproliferative and antimigratory effects of doxorubicin in human osteosarcoma cells exposed to extracellular matrix. <i>Anticancer Research</i> , 2005, 25, 805-13.	1.1	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.	2.5	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.	2.1	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.	1.1	5
103	HLA Class I Downregulation in Progressing Metastases of Melanoma Patients Treated With Ipilimumab. <i>Pathology and Oncology Research</i> , 2022, 28, 1610297.	1.9	5
104	Response of Hepatic Stellate Cells to TGF $\beta$ 1 Differs from the Response of Myofibroblasts. Decorin Protects against the Action of Growth Factor. <i>Pathology and Oncology Research</i> , 2017, 23, 287-294.	1.9	4
105	HPV-Induced Oropharyngeal Cancer and the Role of the E7 Oncoprotein Detection via Brush Test. <i>Cancers</i> , 2020, 12, 2388.	3.7	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.	2.3	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.	3.7	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.	1.5	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, .	1.6	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.	3.7	0
112	133 Rac1-related Signaling Pathways Contributing to Head and Neck Carcinoma Radioresistance. European Journal of Cancer, 2012, 48, 41.	2.8	0
113	New drugs for head and neck cancer. Memo - Magazine of European Medical Oncology, 2012, 5, 236-241.	0.5	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, .	0.8	0
116	Multicenter Analysis of Clinical Outcomes and Biomarkers of Esthesioneuroblastoma. , 2020, 81, .		0