

Takanori Eguchi

List of Publications by Year in descending order

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74
papers

2,847
citations

172386

29
h-index

182361

51
g-index

80
all docs

80
docs citations

80
times ranked

3307
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel Transcription Factor-Like Function of Human Matrix Metalloproteinase 3 Regulating the <i>CTGF/CCN2</i> Gene. <i>Molecular and Cellular Biology</i> , 2008, 28, 2391-2413.	1.1	174
2	Connective tissue growth factor increased by hypoxia may initiate angiogenesis in collaboration with matrix metalloproteinases. <i>Carcinogenesis</i> , 2002, 23, 769-776.	1.3	159
3	OsteMiR: A Novel Panel of MicroRNA Biomarkers in Osteoblastic and Osteocytic Differentiation from Mesenchymal Stem Cells. <i>PLoS ONE</i> , 2013, 8, e58796.	1.1	147
4	Pathogenic Role of Connective Tissue Growth Factor (CTGF/CCN2) in Osteolytic Metastasis of Breast Cancer. <i>Journal of Bone and Mineral Research</i> , 2006, 21, 1045-1059.	3.1	145
5	Roles of Extracellular HSPs as Biomarkers in Immune Surveillance and Immune Evasion. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4588.	1.8	124
6	HSP-enriched properties of extracellular vesicles involve survival of metastatic oral cancer cells. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 7350-7362.	1.2	120
7	Organoids with cancer stem cell-like properties secrete exosomes and HSP90 in a 3D nanoenvironment. <i>PLoS ONE</i> , 2018, 13, e0191109.	1.1	100
8	Stress proteins in aging and life span. <i>International Journal of Hyperthermia</i> , 2013, 29, 442-447.	1.1	89
9	HSP1 regulation of β -catenin in mammary cancer cells through control of HuR/elavL1 expression. <i>Oncogene</i> , 2015, 34, 2178-2188.	2.6	83
10	Carcinogenic epithelial-mesenchymal transition initiated by oral cancer exosomes is inhibited by anti-EGFR antibody cetuximab. <i>Oral Oncology</i> , 2018, 86, 251-257.	0.8	78
11	Regulation of chondrocytic phenotype by micro RNA 18a: Involvement of <i>Ccn2/Ctgf</i> as a major target gene. <i>FEBS Letters</i> , 2009, 583, 1006-1010.	1.3	77
12	Outer membrane vesicles of <i>Porphyromonas gingivalis</i> attenuate insulin sensitivity by delivering gingipains to the liver. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165731.	1.8	67
13	miRNA-720 Controls Stem Cell Phenotype, Proliferation and Differentiation of Human Dental Pulp Cells. <i>PLoS ONE</i> , 2013, 8, e83545.	1.1	66
14	Triple knockdown of CDC37, HSP90 α and HSP90 β diminishes extracellular vesicles-driven malignancy events and macrophage M2 polarization in oral cancer. <i>Journal of Extracellular Vesicles</i> , 2020, 9, 1769373.	5.5	62
15	Targeting the hsp70 gene delays mammary tumor initiation and inhibits tumor cell metastasis. <i>Oncogene</i> , 2015, 34, 5460-5471.	2.6	61
16	A Novel High-Throughput 3D Screening System for EMT Inhibitors: A Pilot Screening Discovered the EMT Inhibitory Activity of CDK2 Inhibitor SU9516. <i>PLoS ONE</i> , 2016, 11, e0162394.	1.1	57
17	Regulatory Mechanism of Human Connective Tissue Growth Factor (CTGF/Hcs24) Gene Expression in a Human Chondrocytic Cell Line, HCS-2/8. <i>Journal of Biochemistry</i> , 2001, 130, 79-87.	0.9	56
18	Depletion of Lipid Efflux Pump ABCG1 Triggers the Intracellular Accumulation of Extracellular Vesicles and Reduces Aggregation and Tumorigenesis of Metastatic Cancer Cells. <i>Frontiers in Oncology</i> , 2018, 8, 376.	1.3	56

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19	Role and Regulation of Myeloid Zinc Finger Protein 1 in Cancer. <i>Journal of Cellular Biochemistry</i> , 2015, 116, 2146-2154.	1.2	55
20	Identification of an RNA element that confers post-transcriptional repression of connective tissue growth factor/hypertrophic chondrocyte specific 24 (ctgf/hcs24) gene: Similarities to retroviral RNA-protein interactions. <i>Oncogene</i> , 2000, 19, 4773-4786.	2.6	53
21	Anti-EGFR antibody cetuximab is secreted by oral squamous cell carcinoma and alters EGF-driven mesenchymal transition. <i>Biochemical and Biophysical Research Communications</i> , 2018, 503, 1267-1272.	1.0	51
22	Cell Stress Induced Stressome Release Including Damaged Membrane Vesicles and Extracellular HSP90 by Prostate Cancer Cells. <i>Cells</i> , 2020, 9, 755.	1.8	47
23	Role of low-density lipoprotein receptor related protein 1 (LRP1) in CCN2/connective tissue growth factor (CTGF) protein transport in chondrocytes. <i>Journal of Cell Science</i> , 2012, 125, 2965-72.	1.2	46
24	Intracellular MMP3 Promotes <i>HSP</i> Gene Expression in Collaboration With Chromobox Proteins. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 43-51.	1.2	46
25	Extracellular Vesicles Enriched with Moonlighting Metalloproteinase Are Highly Transmissive, Pro-Tumorigenic, and Trans-Activates Cellular Communication Network Factor (CCN2/CTGF): CRISPR against Cancer. <i>Cancers</i> , 2020, 12, 881.	1.7	39
26	Knockout of MMP3 Weakens Solid Tumor Organoids and Cancer Extracellular Vesicles. <i>Cancers</i> , 2020, 12, 1260.	1.7	38
27	Possible role of LRP1, a CCN2 receptor, in chondrocytes. <i>Biochemical and Biophysical Research Communications</i> , 2006, 345, 552-559.	1.0	36
28	Characterization of a Mouse ctgf 3'UTR Segment That Mediates Repressive Regulation of Gene Expression. <i>Biochemical and Biophysical Research Communications</i> , 2000, 278, 119-124.	1.0	35
29	Antiparkinson Drug Bzotropine Suppresses Tumor Growth, Circulating Tumor Cells, and Metastasis by Acting on SLC6A3/DAT and Reducing STAT3. <i>Cancers</i> , 2020, 12, 523.	1.7	34
30	A novel cis-element that enhances connective tissue growth factor gene expression in chondrocytic cells. <i>Biochemical and Biophysical Research Communications</i> , 2002, 295, 445-451.	1.0	31
31	Role of the low-density lipoprotein receptor-related protein-1 in regulation of chondrocyte differentiation. <i>Journal of Cellular Physiology</i> , 2010, 222, 138-148.	2.0	31
32	The intranuclear PEX domain of MMP involves proliferation, migration, and metastasis of aggressive adenocarcinoma cells. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 7363-7376.	1.2	31
33	Novel mode of processing and secretion of connective tissue growth factor/ecogenin (CTGF/Hcs24) in chondrocytic HCS-2/8 cells. <i>Bone</i> , 2001, 29, 155-161.	1.4	29
34	Posttranscriptional Regulation of Chicken <i>ccn2</i> Gene Expression by Nucleophosmin/B23 during Chondrocyte Differentiation. <i>Molecular and Cellular Biology</i> , 2008, 28, 6134-6147.	1.1	28
35	MZF1 and SCAND1 Reciprocally Regulate CDC37 Gene Expression in Prostate Cancer. <i>Cancers</i> , 2019, 11, 792.	1.7	28
36	Collaborative action of M-CSF and CTGF/CCN2 in articular chondrocytes: Possible regenerative roles in articular cartilage metabolism. <i>Bone</i> , 2005, 36, 884-892.	1.4	27

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37	Cellular Reprogramming Using Defined Factors and MicroRNAs. <i>Stem Cells International</i> , 2016, 2016, 1-12.	1.2	27
38	Regulation of Chicken <i>ccn2</i> Gene by Interaction between RNA cis-Element and Putative trans-Factor during Differentiation of Chondrocytes. <i>Journal of Biological Chemistry</i> , 2005, 280, 3166-3177.	1.6	26
39	Gene Expression and Distribution of Connective Tissue Growth Factor (CCN2/CTGF) During Secondary Ossification Center Formation. <i>Journal of Histochemistry and Cytochemistry</i> , 2007, 55, 1245-1255.	1.3	24
40	Catabolic effects of FGF-1 on chondrocytes and its possible role in osteoarthritis. <i>Journal of Cell Communication and Signaling</i> , 2017, 11, 255-263.	1.8	22
41	Nicotine promotes lymph node metastasis and cetuximab resistance in head and neck squamous cell carcinoma. <i>International Journal of Oncology</i> , 2018, 54, 283-294.	1.4	21
42	Tumor Angiogenic Inhibition Triggered Necrosis (TAITN) in Oral Cancer. <i>Cells</i> , 2019, 8, 761.	1.8	20
43	A Novel Model of Cancer Drug Resistance: Oncosomal Release of Cytotoxic and Antibody-Based Drugs. <i>Biology</i> , 2020, 9, 47.	1.3	20
44	Semaphorin 4D promotes bone invasion in head and neck squamous cell carcinoma. <i>International Journal of Oncology</i> , 2017, 51, 625-632.	1.4	19
45	A Reporter System Evaluates Tumorigenesis, Metastasis, β -catenin/MMP Regulation, and Druggability. <i>Tissue Engineering - Part A</i> , 2019, 25, 1413-1425.	1.6	19
46	Gel-Free 3D Tumoroids with Stem Cell Properties Modeling Drug Resistance to Cisplatin and Imatinib in Metastatic Colorectal Cancer. <i>Cells</i> , 2021, 10, 344.	1.8	19
47	Different transcriptional strategies for <i>ccn2/ctgf</i> gene induction between human chondrocytic and breast cancer cell lines. <i>Biochimie</i> , 2007, 89, 278-288.	1.3	18
48	Cancer extracellular vesicles, tumoroid models, and tumor microenvironment. <i>Seminars in Cancer Biology</i> , 2022, 86, 112-126.	4.3	18
49	Regulatory Roles of HSP90-Rich Extracellular Vesicles. <i>Heat Shock Proteins</i> , 2019, , 3-17.	0.2	17
50	Interaction of AP-1 and the <i>ctgf</i> gene: a possible driver of chondrocyte hypertrophy in growth cartilage. <i>Journal of Bone and Mineral Metabolism</i> , 2003, 21, 205-10.	1.3	16
51	Genotoxic stress induces Sca1-expressing metastatic mammary cancer cells. <i>Molecular Oncology</i> , 2018, 12, 1249-1263.	2.1	15
52	Rab11A Functions as a Negative Regulator of Osteoclastogenesis through Dictating Lysosome-Induced Proteolysis of c-fms and RANK Surface Receptors. <i>Cells</i> , 2020, 9, 2384.	1.8	14
53	Resident stroma-secreted chemokine CCL2 governs myeloid-derived suppressor cells in the tumor microenvironment. <i>JCI Insight</i> , 2022, 7, .	2.3	14
54	The Inhibitory Role of Rab11b in Osteoclastogenesis through Triggering Lysosome-Induced Degradation of c-Fms and RANK Surface Receptors. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9352.	1.8	13

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55	Exosome-Based Molecular Transfer Activity of Macrophage-Like Cells Involves Viability of Oral Carcinoma Cells: Size Exclusion Chromatography and Concentration Filter Method. <i>Cells</i> , 2021, 10, 1328.	1.8	13
56	Promoter Analyses of CCN Genes. <i>Methods in Molecular Biology</i> , 2017, 1489, 177-185.	0.4	12
57	A novel role of HSP90 in regulating osteoclastogenesis by abrogating Rab11b-driven transport. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021, 1868, 119096.	1.9	12
58	A Tumor Suppressor Gene Product, Platelet-Derived Growth Factor Receptor-Like Protein Controls Chondrocyte Proliferation and Differentiation. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 4033-4044.	1.2	11
59	Extracellular Vesicle-Associated Moonlighting Proteins: Heat Shock Proteins and Metalloproteinases. <i>Heat Shock Proteins</i> , 2020, , 1.	0.2	9
60	Extracellular Hsp90 and protection of neuronal cells through Nrf2. <i>Biochemical Society Transactions</i> , 2021, 49, 2299-2306.	1.6	9
61	Cell-Type-Specific Trans-Activation of Herpes Simplex Virus Thymidine Kinase Promoter by the Human T-Cell Leukemia Virus Type I Tax Protein. <i>DNA and Cell Biology</i> , 2001, 20, 563-568.	0.9	7
62	Novel Transcriptional Regulation of CCN2/CTGF by Nuclear Translocation of MMP3. , 2010, , 255-264.		7
63	A coding RNA segment that enhances the ribosomal recruitment of chicken <i>ccn1</i> mRNA. <i>Journal of Cellular Biochemistry</i> , 2010, 111, 1607-1618.	1.2	5
64	Organoids and Liquid Biopsy in Oral Cancer Research. <i>Journal of Clinical Medicine</i> , 2020, 9, 3701.	1.0	3
65	Rab34 plays a critical role as a bidirectional regulator of osteoclastogenesis. <i>Cell Biochemistry and Function</i> , 2022, 40, 263-277.	1.4	3
66	Monitoring of the Heat Shock Response with a Real-Time Luciferase Reporter. <i>Methods in Molecular Biology</i> , 2018, 1709, 35-45.	0.4	2
67	Heat Shock Proteins and Periodontitis – Cross-Reaction Between Bacterial and Human HSP in Periodontal Infection Linking with Cardiovascular Diseases. <i>Heat Shock Proteins</i> , 2020, , 19.	0.2	2
68	HSP Stimulation on Macrophages and Dendritic Cells Activates Innate Immune System. <i>Heat Shock Proteins</i> , 2020, , 53.	0.2	1
69	Nucleophosmin/B23: A Multifunctional Regulator that Determines the Fate of CCN2 mRNA. , 2010, , 41-55.		1
70	miRNA-720 regulates the stem cell phenotype and differentiation of human dental pulp-derived mesenchymal stromal cells. , 2014, , .		0
71	Role of HSF1 and FoxO3 in proteotoxic stress induced Macroautophagy. <i>FASEB Journal</i> , 2013, 27, 994.1.	0.2	0
72	Intra-nuclear MMP3 controls transcription of HSP70 gene through interaction with heterochromatin proteins.. <i>FASEB Journal</i> , 2015, 29, 688.2.	0.2	0

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73	OstemiR: A Novel Panel of MicroRNA Biomarkers in Osteoblastic and Osteocytic Differentiation from Mesencymal Stem Cells. FASEB Journal, 2015, 29, 562.19.	0.2	0
74	Effects of Fibroblast Growth Factor 1 (FGFâ€1) on CCN2 Gene Expression in Chondrocytic Cells. FASEB Journal, 2019, 33, lb356.	0.2	0