Tsutomu Fujimura

List of Publications by Year
in descending order

96	3,652	159585 30	138484 58
papers	citations	h-index	g-index

97	97	97	5679
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Oxidative stress-responsive apoptosis inducing protein (ORAIP) plays a critical role in doxorubicin-induced apoptosis in rat cardiac myocytes. International Journal of Cardiology, 2022, 348, 119-124.	1.7	3
2	Autophagic dysfunction in the liver enhances the expression of insoluble nuclear proteins 14-3-3Î¶ and importin Î±4. Life Sciences, 2022, 298, 120491.	4.3	0
3	Electrochemical Polymerization of Nitroxyl Radical Precursor Containing Phenol Side Chain in Aqueous Solution and Its Application to Electrochemical Analysis of Glucose. Bunseki Kagaku, 2022, 71, 191-196.	0.2	0
4	Catalysis of electro-oxidation of antibiotics by nitroxyl radicals and the electrochemical sensing of vancomycin. RSC Advances, 2021, 11, 21622-21628.	3.6	10
5	Electrochemical Detection of Sesamol Dimer and its Application to Measurement of Radicals. Analytical Sciences, 2021, 37, 633-635.	1.6	1
6	Electrochemical Quantitative Evaluation of the Surface Charge of a Poly(1â€Vinylimidazole) Multilayer Film and Application to Nanopore pH Sensor. Electroanalysis, 2021, 33, 1633-1638.	2.9	2
7	Electropolymerization of Azure A and pH Sensing Using Poly(azure A)-modified Electrodes. Analytical Sciences, 2021, 37, 893-896.	1.6	2
8	Oxidative stress-responsive apoptosis-inducing protein in patients with heterozygous familial hypercholesterolemia. Heart and Vessels, 2021, 36, 1923-1932.	1.2	4
9	Specific Substances Contained in the Exhaled Breath of Patients with Esophageal Cancer. Analytical Sciences, 2021, 37, 1059-1060.	1.6	0
10	Nitroxyl Radical/Copper-Catalyzed Electrooxidation of Alcohols and Amines at Low Potentials. Chemical and Pharmaceutical Bulletin, 2021, 69, 1005-1009.	1.3	2
11	Oâ€glycosylated clusterin as a sensitive marker for diagnosing early stages of prostate cancer. Prostate, 2021, 81, 170-181.	2.3	4
12	Electrochemical Cleavage of the Carbonâ€“Boron Bond in <i>p</i>-Acetamidophenylboronic Acid at Neutral pH Conditions. Chemical and Pharmaceutical Bulletin, 2021, 69, 1206-1208.	1.3	0
13	Adsorption and Release of Rose Bengal on Layer-by-Layer Films of Poly(Vinyl Alcohol) and Poly(Amidoamine) Dendrimers Bearing 4-Carboxyphenylboronic Acid. Polymers, 2020, 12, 1854.	4.5	3
14	Tranilast Inhibits Pulmonary Fibrosis by Suppressing TGFÎ²/SMAD2 Pathway . Drug Design, Development and Therapy, 2020, Volume 14, 4593-4603.	4.3	16
15	Voltammetric pH Measurements Using Azure A-Containing Layer-by-Layer Film Immobilized Electrodes. Polymers, 2020, 12, 2328.	4.5	6
16	Conformational diversity of dynactin sidearm and domain organization of its subunit p150. Molecular Biology of the Cell, 2020, 31, 1218-1231.	2.1	7
17	Urine Lactoferrin as a Potential Biomarker Reflecting the Degree of Malignancy in Urothelial Carcinoma of the Bladder. Tohoku Journal of Experimental Medicine, 2020, 252, 225-244.	1.2	3
18	Binding Assays Using a Benzofurazan-Labeled Fluorescent Probe for Estrogen Receptorâ€“Ligand Interactions. Chemical and Pharmaceutical Bulletin, 2020, 68, 954-961.	1.3	3

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19	Oxidative stress-responsive apoptosis inducing protein (ORAIP) plays a critical role in cerebral ischemia/reperfusion injury. Scientific Reports, 2019, 9, 13512.	3.3	42
20	Lipopolysaccharide-induced expansion of histidine decarboxylase-expressing Ly6G+ myeloid cells identified by exploiting histidine decarboxylase BAC-GFP transgenic mice. Scientific Reports, 2019, 9, 15603.	3.3	9
21	Characteristics of hepatic insulinâ€sensitive nonalcoholic fatty liver disease. Hepatology Communications, 2017, 1, 634-647.	4.3	16
22	Oxidative Stress-Responsive Apoptosis Inducing Protein (ORAIP) Plays a Critical Role in High Glucose-Induced Apoptosis in Rat Cardiac Myocytes and Murine Pancreatic Î²-Cells. Cells, 2017, 6, 35.	4.1	21
23	Biochemical and immunological characterization of a novel monoclonal antibody against mouse leukotriene B4 receptor 1. PLoS ONE, 2017, 12, e0185133.	2.5	12
24	Differential remodelling of peroxisome function underpins the environmental and metabolic adaptability of diplonemids and kinetoplastids. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20160520.	2.6	29
25	Plasma levels of oxidative stress-responsive apoptosis inducing protein (ORAIP) in rats subjected to physicochemical oxidative stresses. Bioscience Reports, 2016, 36, .	2.4	7
26	Amino-group carrier-protein-mediated secondary metabolite biosynthesis in Streptomyces. Nature Chemical Biology, 2016, 12, 967-972.	8.0	28
27	Plasma levels of oxidative stress-responsive apoptosis inducing protein (ORAIP) in patients with atrial fibrillation. International Journal of Cardiology, 2016, 222, 528-530.	1.7	7
28	Marked Elevation of Plasma Levels of Oxidative Stress-Responsive Apoptosis-Inducing Protein in Dialysis Patients. Kidney International Reports, 2016, 1, 321-324.	0.8	5
29	Relation Between Insulin Sensitivity and Metabolic Abnormalities in Japanese Men With BMI of 23â€“25 kg/m². Journal of Clinical Endocrinology and Metabolism, 2016, 101, 3676-3684.	3.6	54
30	p62/Sqstm1 promotes malignancy of HCV-positive hepatocellular carcinoma through Nrf2-dependent metabolic reprogramming. Nature Communications, 2016, 7, 12030.	12.8	253
31	Expression of F-actin-capping protein subunit beta, CAPZB, is associated with cell growth and motility in epithelioid sarcoma. BMC Cancer, 2016, 16, 206.	2.6	10
32	Integrative genomic and proteomic analyses identifies glycerol-3-phosphate acyltransferase as a target of low-dose ionizing radiation in EBV infected-B cells. International Journal of Radiation Biology, 2016, 92, 24-34.	1.8	11
33	Bioinformatic identification of cytochrome b5 homologues from the parasitic nematode Ascaris suum and the free-living nematode Caenorhabditis elegans highlights the crucial role of A. suum adult-specific secretory cytochrome b5 in parasitic adaptation. Parasitology International, 2016, 65, 113-120.	1.3	3
34	Ethambutol neutralizes lysosomes and causes lysosomal zinc accumulation. Biochemical and Biophysical Research Communications, 2016, 471, 109-116.	2.1	14
35	Glycosylation status of serum immunoglobulin G in patients with prostate diseases. Cancer Medicine, 2016, 5, 1137-1146.	2.8	33
36	Protein Expression Profiling of Giant Cell Tumors of Bone Treated with Denosumab. PLoS ONE, 2016, 11, e0148401.	2.5	19

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37	A clinically attainable dose of Lâ€asparaginase targets glutamine addiction in lymphoid cell lines. Cancer Science, 2015, 106, 1534-1543.	3.9	26
38	Secreted tyrosine sulfated-eIF5A mediates oxidative stress-induced apoptosis. Scientific Reports, 2015, 5, 13737.	3.3	29
39	Effects of sitagliptin on ectopic fat contents and glucose metabolism in type 2 diabetic patients with fatty liver: A pilot study. Journal of Diabetes Investigation, 2015, 6, 164-172.	2.4	23
40	Structural Insight into Amino Group-carrier Protein-mediated Lysine Biosynthesis. Journal of Biological Chemistry, 2015, 290, 435-447.	3.4	14
41	Cysteine protease antigens cleave CD123, the Î± subunit of murine IL-3 receptor, on basophils and suppress IL-3-mediated basophil expansion. Biochemical and Biophysical Research Communications, 2015, 460, 261-266.	2.1	8
42	A treadmill exercise reactivates the signaling of the mammalian target of rapamycin (mTor) in the skeletal muscles of starved mice. Biochemical and Biophysical Research Communications, 2015, 456, 519-526.	2.1	16
43	Absence of Elovl6 attenuates steatohepatitis but promotes gallstone formation in a lithogenic diet-fed Ldlrâ^'/â^' mouse model. Scientific Reports, 2015, 5, 17604.	3.3	20
44	Ribosomal Biogenesis and Translational Flux Inhibition by the Selective Inhibitor of Nuclear Export (SINE) XPO1 Antagonist KPT-185. PLoS ONE, 2015, 10, e0137210.	2.5	28
45	The novel combination of dual mTOR inhibitor AZD2014 and pan-PIM inhibitor AZD1208 inhibits growth in acute myeloid leukemia via HSF pathway suppression. Oncotarget, 2015, 6, 37930-37947.	1.8	32
46	The Human Cathelicidin LL-37 Host Defense Peptide Upregulates Tight Junction-Related Proteins and Increases Human Epidermal Keratinocyte Barrier Function. Journal of Innate Immunity, 2014, 6, 739-753.	3.8	77
47	Role of the TNF pathway in the progression of diabetic nephropathy in KK-A^y mice. American Journal of Physiology - Renal Physiology, 2014, 306, F1335-F1347.	2.7	65
48	PARK2/Parkin-mediated mitochondrial clearance contributes to proteasome activation during slow-twitch muscle atrophy via NFE2L1 nuclear translocation. Autophagy, 2014, 10, 631-641.	9.1	44
49	Increased expression of ERp57/GRP58 is protective against pancreatic beta cell death caused by autophagic failure. Biochemical and Biophysical Research Communications, 2014, 453, 19-24.	2.1	13
50	Lysine and arginine biosyntheses mediated by a common carrier protein in Sulfolobus. Nature Chemical Biology, 2013, 9, 277-283.	8.0	52
51	NP-1250, an ABCG2 inhibitor, induces apoptotic cell death in mitoxantrone-resistant breast carcinoma MCF7 cells via a caspase-independent pathway. Oncology Reports, 2013, 29, 1492-1500.	2.6	10
52	Galectin-4, a Novel Predictor for Lymph Node Metastasis in Lung Adenocarcinoma. PLoS ONE, 2013, 8, e81883.	2.5	44
53	Molecular interaction of the first 3 enzymes of the de novo pyrimidine biosynthetic pathway of Trypanosoma cruzi. Biochemical and Biophysical Research Communications, 2012, 418, 140-143.	2.1	7
54	Multi-sequential surface plasmon resonance analysis of haptoglobinâ€"lectin complex in sera of patients with malignant and benign prostate diseases. Analytical Biochemistry, 2011, 419, 241-249.	2.4	27

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55	Liver autophagy contributes to the maintenance of blood glucose and amino acid levels. Autophagy, 2011, 7, 727-736.	9.1	233
56	Discovery of proteinaceous N-modification in lysine biosynthesis of Thermus thermophilus. Nature Chemical Biology, 2009, 5, 673-679.	8.0	49
57	Toxic effects of dopamine metabolism in Parkinson's disease. Parkinsonism and Related Disorders, 2009, 15, S35-S38.	2.2	56
58	Globotriaosylceramide-Expressing Burkitt's Lymphoma Cells Are Committed to Early Apoptotic Status by Rhamnose-Binding Lectin from Catfish Eggs. Biological and Pharmaceutical Bulletin, 2009, 32, 345-353.	1.4	19
59	Glycosylation status of haptoglobin in sera of patients with prostate cancer vs. benign prostate disease or normal subjects. International Journal of Cancer, 2008, 122, 39-49.	5.1	111
60	Haptoglobinâ€Î² chain defined by monoclonal antibody RM2 as a novel serum marker for prostate cancer. International Journal of Cancer, 2008, 123, 633-640.	5.1	21
61	Comprehensive proteomics analysis of autophagy-deficient mouse liver. Biochemical and Biophysical Research Communications, 2008, 368, 643-649.	2.1	39
62	The Atg8 Conjugation System Is Indispensable for Proper Development of Autophagic Isolation Membranes in Mice. Molecular Biology of the Cell, 2008, 19, 4762-4775.	2.1	424
63	Dihydroorotate dehydrogenase arises from novel fused gene product with aspartate carbamoyltransferase in Bodo saliens. Biochemical and Biophysical Research Communications, 2007, 358, 253-258.	2.1	3
64	A Case of Neonatal Lupus Erythematosus Presenting Delayed Dilated Cardiomyopathy With Circulating Autoantibody to Annexin A6. International Heart Journal, 2007, 48, 407-415.	1.0	18
65	Proteomic analysis of plasma membrane lipid rafts of HLâ€60 cells. Proteomics, 2007, 7, 2398-2409.	2.2	35
66	Differential inhibitory effects of Î¼-opioids on substance P- and capsaicin-induced nociceptive behavior in mice. Peptides, 2006, 27, 760-768.	2.4	9
67	Contribution of spinal Î¼1-opioid receptors and dynorphin B to the antinociception induced by Tyr-d-Arg-Phe-Sar. Peptides, 2006, 27, 2786-2793.	2.4	10
68	Involvement of spinal Î¼1-opioid receptors on the Tyr-d-Arg-Phe-sarcosine-induced antinociception. European Journal of Pharmacology, 2006, 540, 67-72.	3.5	7
69	Possible Involvement of Dynorphin A-(1â€“17) Release via Î¼₁-Opioid Receptors in Spinal Antinociception by Endomorphin-2. Journal of Pharmacology and Experimental Therapeutics, 2006, 317, 362-368.	2.5	33
70	A Tyr-W-MIF-1 Analog Containing D-Pro2 Acts as a Selective Î¼2-Opioid Receptor Antagonist in the Mouse. Journal of Pharmacology and Experimental Therapeutics, 2005, 312, 1075-1081.	2.5	19
71	Phosphorylated Î²BÎ± is a component of Lewy body of Parkinsonâ€™s disease. Biochemical and Biophysical Research Communications, 2005, 331, 309-317.	2.1	12
72	Nitrated and Oxidized Products of a Single Tryptophan Residue in Human Cu,Zn-Superoxide Dismutase Treated with Either Peroxynitrite-Carbon Dioxide or Myeloperoxidase-Hydrogen Peroxide-Nitrite. Journal of Biochemistry, 2005, 138, 57-69.	1.7	64

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73	Hypoxia followed by reoxygenation induces secretion of cyclophilin A from cultured rat cardiac myocytes. Biochemical and Biophysical Research Communications, 2004, 317, 162-168.	2.1	99
74	Quantification of elastin cross-linking amino acids, desmosine and isodesmosine, in hydrolysates of rat lung by ion-pair liquid chromatographyâ€“mass spectrometry. Analytical Biochemistry, 2003, 318, 25-29.	2.4	41
75	A sphingosine-dependent protein kinase that specifically phosphorylates 14-3-3 (SDK1) is identified as the kinase domain of PKCÎ´: a preliminary note. Biochemical and Biophysical Research Communications, 2003, 307, 589-594.	2.1	12
76	Sphingosine-dependent Protein Kinase-1, Directed to 14-3-3, Is Identified as the Kinase Domain of Protein Kinase CÎ´. Journal of Biological Chemistry, 2003, 278, 41557-41565.	3.4	66
77	6-Nitrotryptophan: A Specific Reaction Product Of Tryptophan Residue In Human Cu, Zn-Sod Treated With Peroxynitrite. Advances in Experimental Medicine and Biology, 2003, 527, 745-749.	1.6	9
78	d-Pro2-Endomorphin-1 andd-Pro2-Endomorphin-2, Respectively, Attenuate the Antinociception Induced by Endomorphin-1 and Endomorphin-2 Given Intrathecally in the Mouse. Journal of Pharmacology and Experimental Therapeutics, 2002, 303, 874-879.	2.5	8
79	Ancient Ubiquitous Protein 1 Binds to the Conserved Membrane-proximal Sequence of the Cytoplasmic Tail of the Integrin Î± Subunits That Plays a Crucial Role in the Inside-out Signaling of Î±IIbÎ²3. Journal of Biological Chemistry, 2002, 277, 28934-28941.	3.4	30
80	Differential antagonism of endomorphin-1 and endomorphin-2 supraspinal antinociception by naloxonazine and 3-methylnaltrexone. Peptides, 2002, 23, 895-901.	2.4	23
81	In situ alkylation with acrylamide for identification of cysteinyl residues in proteins during one- and two-dimensional sodium dodecyl sulphate-polyacrylamide gel electrophoresis. Proteomics, 2002, 2, 1672-1681.	2.2	74
82	Endomorphin analogues containing D -Pro2 discriminate different Î¼-opioid receptor mediated antinociception in mice. British Journal of Pharmacology, 2002, 137, 1143-1146.	5.4	20
83	One-step subcellular fractionation of rat liver tissue using a Nycodenz density gradient prepared by freezing-thawing and two-dimensional sodium dodecyl sulfate electrophoresis profiles of the main fraction of organelles. Electrophoresis, 2001, 22, 2872-2880.	2.4	32
84	Modification of a single tryptophan residue in human Cu,Zn-superoxide dismutase by peroxynitrite in the presence of bicarbonate. BBA - Proteins and Proteomics, 2001, 1548, 38-46.	2.1	64
85	Differential antinociceptive effects induced by intrathecally administered endomorphin-1 and endomorphin-2 in the mouse. European Journal of Pharmacology, 2001, 427, 203-210.	3.5	76
86	Differential antagonism of endomorphin-1 and endomorphin-2 spinal antinociception by naloxonazine and 3-methoxynaltrexone. Brain Research, 2000, 881, 1-8.	2.2	66
87	Ion-Pair Chromatography for Identification of Picomolar-Order Protein on a PVDF Membrane. , 2000, 159, 087-100.		2
88	Differential involvement of Î¼-opioid receptor subtypes in endomorphin-1- and -2-induced antinociception. European Journal of Pharmacology, 1999, 372, 25-30.	3.5	111
89	Inactivation and destruction of conserved Trp159 of Fe-superoxide dismutase from Porphyromonas gingivalis by hydrogen peroxide. FEBS Journal, 1998, 253, 49-56.	0.2	34
90	Identification of Multidrug Resistant Protein 1 of Mouse Leukemia P388 Cells on a PVDF Membrane Using 6-Aminoquinolyl-carbamyl (AQC)-Amino Acid Analysis and World Wide Web (WWW)-Accessible Tools. Analytical Biochemistry, 1998, 264, 251-258.	2.4	15

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91	Parallel Stimulations of in Vitro and in Situ [35S]GTPÎ³S Binding by Endomorphin 1 and DAMGO in Mouse Brains. Peptides, 1998, 19, 755-758.	2.4	13
92	Inactivation of Human Manganese-superoxide Dismutase by Peroxynitrite Is Caused by Exclusive Nitration of Tyrosine 34 to 3-Nitrotyrosine. Journal of Biological Chemistry, 1998, 273, 14085-14089.	3.4	413
93	The Structure ofSilurus asotus(Catfish) Roe Lectin (SAL): Identification of a Noncovalent Trimer by Mass Spectrometry and Analytical Ultracentrifugation. Analytical Biochemistry, 1997, 247, 319-326.	2.4	9
94	Separation of 18 6-Aminoquinolyl-carbamyl-Amino Acids by Ion-Pair Chromatography. Analytical Biochemistry, 1997, 249, 79-82.	2.4	28
95	Studies on the Mechanism of Early Onset Macular Degeneration in Cynomolgus Monkeys. II. Suppression of Metallothionein Synthesis in the Retina in Oxidative Stress. Experimental Eye Research, 1996, 62, 399-408.	2.6	66
96	Potentiation of ifosfamide toxicity by chlordiazepoxide, diazepam and oxazepam.. Chemical and Pharmaceutical Bulletin, 1989, 37, 3420-3422.	1.3	4