

# Hideki Tatsukawa

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

558  
citations

687363

13  
h-index

677142

22  
g-index

22  
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22  
docs citations

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times ranked

700  
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of Transglutaminase 2 in Liver Injury via Cross-linking and Silencing of Transcription Factor Sp1. <i>Gastroenterology</i> , 2009, 136, 1783-1795.e10.	1.3	115
2	Free fatty acids induce transglutaminase 2-dependent apoptosis in hepatocytes via ER stress-activated PERK pathways. <i>Journal of Cellular Physiology</i> , 2012, 227, 1130-1137.	4.1	66
3	Brain infarction correlates more closely with acrolein than with reactive oxygen species. <i>Biochemical and Biophysical Research Communications</i> , 2011, 404, 1044-1049.	2.1	63
4	In Situ Detection of Active Transglutaminases for Keratinocyte Type (TGase 1) and Tissue Type (TGase 2) Using Fluorescence-Labeled Highly Reactive Substrate Peptides. <i>Journal of Histochemistry and Cytochemistry</i> , 2011, 59, 180-187.	2.5	38
5	Role of Transglutaminase 2 in Cell Death, Survival, and Fibrosis. <i>Cells</i> , 2021, 10, 1842.	4.1	36
6	Dual induction of caspase 3- and transglutaminase-dependent apoptosis by acyclic retinoid in hepatocellular carcinoma cells. <i>Molecular Cancer</i> , 2011, 10, 4.	19.2	35
7	Global identification and analysis of isozyme-specific possible substrates crosslinked by transglutaminases using substrate peptides in mouse liver fibrosis. <i>Scientific Reports</i> , 2017, 7, 45049.	3.3	26
8	Isozyme-specific comprehensive characterization of transglutaminase-crosslinked substrates in kidney fibrosis. <i>Scientific Reports</i> , 2018, 8, 7306.	3.3	24
9	Recent advances in understanding the roles of transglutaminase 2 in alcoholic steatohepatitis. <i>Cell Biology International</i> , 2010, 34, 325-334.	3.0	22
10	Induction of Cross-Linking and Silencing of Sp1 by Transglutaminase during Liver Injury in ASH and NASH via Different ER Stress Pathways. <i>Digestive Diseases</i> , 2010, 28, 715-721.	1.9	19
11	Tschinganine and its derivatives extend the chronological life span of yeast via activation of the Sty1 pathway. <i>Genes To Cells</i> , 2018, 23, 620-637.	1.2	18
12	Variations in Both TG1 and TG2 Isozyme-specific In Situ Activities and Protein Expressions during Mouse Embryonic Development. <i>Journal of Histochemistry and Cytochemistry</i> , 2013, 61, 793-801.	2.5	14
13	Pituitary Adenylate Cyclase-activating Polypeptide Type 1 Receptor (PAC1) Gene Is Suppressed by Transglutaminase 2 Activation. <i>Journal of Biological Chemistry</i> , 2013, 288, 32720-32730.	3.4	14
14	Phage-displayed peptide library screening for preferred human substrate peptide sequences for transglutaminase 7. <i>Archives of Biochemistry and Biophysics</i> , 2013, 537, 138-143.	3.0	13
15	Distribution of transglutaminase family members in mouse whole body sections. <i>Biochemical and Biophysical Research Communications</i> , 2015, 467, 1046-1051.	2.1	11
16	Analysis on transglutaminase 1 and its substrates using specific substrate peptide in cultured keratinocytes. <i>Biochemical and Biophysical Research Communications</i> , 2016, 478, 343-348.	2.1	11
17	Spatially Resolved Identification of Transglutaminase Substrates by Proteomics in Pulmonary Fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2021, 65, 319-330.	2.9	7
18	Detection and identification of potential transglutaminase 2 substrates in the mouse renal glomeruli. <i>Archives of Biochemistry and Biophysics</i> , 2018, 660, 11-19.	3.0	6

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19	Studies on differentiation-dependent expression and activity of distinct transglutaminases by specific substrate peptides using three-dimensional reconstituted epidermis. FEBS Journal, 2019, 286, 2536-2548.	4.7	6
20	Identification and characterization of substrates crosslinked by transglutaminases in liver and kidney fibrosis. Analytical Biochemistry, 2020, 604, 113629.	2.4	6
21	Early response as shown by enhancement of transglutaminase 1 expression after cisplatin-induced acute kidney injury. Archives of Biochemistry and Biophysics, 2015, 586, 27-32.	3.0	4
22	FRET-based detection of isozyme-specific activities of transglutaminases. Amino Acids, 2017, 49, 615-623.	2.7	4