

# Terrence J Piva

## List of Publications by Year in descending order

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Version: 2024-02-01

63  
papers

2,963  
citations

257450

24  
h-index

168389

53  
g-index

64  
all docs

64  
docs citations

64  
times ranked

4553  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of the use of therapeutic peptides for cancer treatment. <i>Journal of Biomedical Science</i> , 2017, 24, 21.	7.0	352
2	Effects of glucocorticoid excess on the sensitivity of glucose transport and metabolism to insulin in rat skeletal muscle. <i>Biochemical Journal</i> , 1997, 321, 707-712.	3.7	232
3	The UV response of the skin: a review of the MAPK, NF $\kappa$ B and TNF $\alpha$ signal transduction pathways. <i>Archives of Dermatological Research</i> , 2010, 302, 5-17.	1.9	232
4	Ferritin functions as a proinflammatory cytokine via iron-independent protein kinase C zeta/nuclear factor kappaB-regulated signaling in rat hepatic stellate cells. <i>Hepatology</i> , 2009, 49, 887-900.	7.3	225
5	Transforming growth factor- $\beta$ 2 signalling: Role and consequences of Smad linker region phosphorylation. <i>Cellular Signalling</i> , 2013, 25, 2017-2024.	3.6	216
6	Changes in Selected Biochemical, Muscular Strength, Power, and Endurance Measures during Deliberate Overreaching and Tapering in Rugby League Players. <i>International Journal of Sports Medicine</i> , 2007, 28, 116-124.	1.7	184
7	Monitoring for overreaching in rugby league players. <i>European Journal of Applied Physiology</i> , 2007, 99, 313-324.	2.5	166
8	Up-regulation of p21(WAF1/CIP1) by histone deacetylase inhibitors reduces their cytotoxicity. <i>Molecular Pharmacology</i> , 2001, 60, 828-37.	2.3	104
9	Effects of insulin-like growth factor I on the rates of glucose transport and utilization in rat skeletal muscle in vitro. <i>Biochemical Journal</i> , 1992, 285, 269-274.	3.7	90
10	The effects of insulin on transport and metabolism of glucose in skeletal muscle from hyperthyroid and hypothyroid rats. <i>European Journal of Clinical Investigation</i> , 1997, 27, 475-483.	3.4	85
11	Formation of Zinc-Containing Nanoparticles from Zn <sup>2+</sup> Ions in Cell Culture Media: Implications for the Nanotoxicology of ZnO. <i>Chemical Research in Toxicology</i> , 2012, 25, 2057-2066.	3.3	62
12	Role Played by Signalling Pathways in Overcoming BRAF Inhibitor Resistance in Melanoma. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1527.	4.1	62
13	Oligonucleotide microarray analysis of strain- and gender-associated gene expression in the human blood fluke, <i>Schistosoma japonicum</i> . <i>Molecular and Cellular Probes</i> , 2006, 20, 280-289.	2.1	59
14	Loss of Symbiodinium from bleached soft corals <i>Sarcophyton ehrenbergi</i> , <i>Sinularia</i> sp. and <i>Xenia</i> sp.. <i>Journal of Experimental Marine Biology and Ecology</i> , 2005, 320, 159-177.	1.5	50
15	Bleaching as a pathogenic response in scleractinian corals, evidenced by high concentrations of apoptotic and necrotic zooxanthellae. <i>Journal of Experimental Marine Biology and Ecology</i> , 2004, 304, 99-121.	1.5	49
16	Independent cytotoxic and inflammatory responses to zinc oxide nanoparticles in human monocytes and macrophages. <i>Nanotoxicology</i> , 2012, 6, 757-765.	3.0	46
17	Gene expression profiles of TNF-alpha, TACE, furin, IL-1beta and matrilysin in UVA- and UVB-irradiated HaCat cells. <i>Photodermatology Photoimmunology and Photomedicine</i> , 2005, 21, 173-182.	1.5	42
18	The role of specific Smad linker region phosphorylation in TGF- $\beta$ 2 mediated expression of glycosaminoglycan synthesizing enzymes in vascular smooth muscle. <i>Cellular Signalling</i> , 2016, 28, 956-966.	3.6	41

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19	Cellular uptake and release of the immunomodulating fungal toxin gliotoxin. <i>Toxicol</i> , 1994, 32, 491-504.	1.6	40
20	Oxidation of glutamine in HeLa cells: Role and control of truncated TCA cycles in tumour mitochondria. , 1998, 68, 213-225.		37
21	The expansion of GPCR transactivation-dependent signalling to include serine/threonine kinase receptors represents a new cell signalling frontier. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 799-808.	5.4	37
22	A comparative study of UV-induced cell signalling pathways in human keratinocyte-derived cell lines. <i>Archives of Dermatological Research</i> , 2013, 305, 817-833.	1.9	30
23	Studies on the effects of growth hormone administration in vivo on the rates of glucose transport and utilization in rat skeletal muscle. <i>European Journal of Clinical Investigation</i> , 1994, 24, 161-165.	3.4	26
24	Flavopiridol Inhibits TGF- $\beta$ -Stimulated Biglycan Synthesis by Blocking Linker Region Phosphorylation and Nuclear Translocation of Smad2. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2018, 365, 156-164.	2.5	26
25	Transforming growth factor $\beta$ -mediated site-specific Smad linker region phosphorylation in vascular endothelial cells. <i>Journal of Pharmacy and Pharmacology</i> , 2014, 66, 1722-1733.	2.4	25
26	Thrombin promotes PAI-1 expression and migration in keratinocytes via ERK dependent Smad linker region phosphorylation. <i>Cellular Signalling</i> , 2018, 47, 37-43.	3.6	23
27	Roles of Cannabinoids in Melanoma: Evidence from In Vivo Studies. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6040.	4.1	22
28	Apoptotic and necrotic stages of Symbiodinium (Dinophyceae) cell death activity: bleaching of soft and scleractinian corals. <i>Phycologia</i> , 2004, 43, 768-777.	1.4	21
29	Comparison of UVA-induced ROS and sunscreen nanoparticle-generated ROS in human immune cells. <i>Photochemical and Photobiological Sciences</i> , 2014, 13, 781-788.	2.9	21
30	Comprehensive Assessment of the Hemostatic System in Polycystic Ovarian Syndrome. <i>Seminars in Thrombosis and Hemostasis</i> , 2016, 42, 055-062.	2.7	21
31	Peptidyl-prolyl isomerases: Functionality and potential therapeutic targets in cardiovascular disease. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2015, 42, 117-124.	1.9	20
32	Comparison of cytotoxicity between extracts of <i>Clinacanthus nutans</i> (Burm. f.) Lindau leaves from different locations and the induction of apoptosis by the crude methanol leaf extract in D24 human melanoma cells. <i>BMC Complementary and Alternative Medicine</i> , 2016, 16, 368.	3.7	20
33	Morphological and genetic diversity of <i>Momordica cochinchinensis</i> (Cucurbitaceae) in Vietnam and Thailand. <i>Genetic Resources and Crop Evolution</i> , 2016, 63, 19-33.	1.6	19
34	The Pathophysiology and the Therapeutic Potential of Cannabinoids in Prostate Cancer. <i>Cancers</i> , 2021, 13, 4107.	3.7	19
35	The status of radioimmunotherapy in CD20+ non-Hodgkin's lymphoma. <i>Targeted Oncology</i> , 2015, 10, 15-26.	3.6	18
36	Effect of ultraviolet radiation on the expression of pp38MAPK and furin in human keratinocyte-derived cell lines. <i>Photodermatology Photoimmunology and Photomedicine</i> , 2009, 25, 20-29.	1.5	17

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37	Combined Effects of Gold Nanoparticles and Ionizing Radiation on Human Prostate and Lung Cancer Cell Migration. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4488.	4.1	17
38	Cannabinoids and Prostate Cancer: A Systematic Review of Animal Studies. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6265.	4.1	17
39	Suramin inhibits PDGF-stimulated receptor phosphorylation, proteoglycan synthesis and glycosaminoglycan hyperelongation in human vascular smooth muscle cells. <i>Journal of Pharmacy and Pharmacology</i> , 2013, 65, 1055-1063.	2.4	15
40	Comparative analysis of carotenoid content in <i>Momordica cochinchinensis</i> (Cucurbitaceae) collected from Australia, Thailand and Vietnam. <i>Journal of Food Science and Technology</i> , 2017, 54, 2814-2824.	2.8	15
41	Cloning and expression of a cDNA encoding a nonintegrin laminin-binding protein from <i>Echinococcus granulosus</i> with localization of the laminin-binding domain1Note: The nucleotide sequence reported in this paper has been submitted to the GenBank, EMBL DataBank with accession number L33460.1. <i>Molecular and Biochemical Parasitology</i> , 1997, 87, 183-192.	1.1	12
42	Characterization and localization of mitochondrial oligopeptidase (MOP) (EC 3.4.24.16) activity in the human cervical adenocarcinoma cell line HeLa. <i>Journal of Cellular Biochemistry</i> , 1997, 66, 297-308.	2.6	12
43	ZnO nanoparticles and organic chemical UV-filters are equally well tolerated by human immune cells. <i>Nanotoxicology</i> , 2016, 10, 1287-1296.	3.0	12
44	Samarium doped titanium dioxide nanoparticles as theranostic agents in radiation therapy. <i>Physica Medica</i> , 2020, 75, 69-76.	0.7	12
45	Hemostatic Abnormalities and Relationships to Metabolic and Hormonal Status in Polycystic Ovarian Syndrome. <i>Trends in Cardiovascular Medicine</i> , 2011, 21, 6-14.	4.9	11
46	UVC activation of the HeLa cell membrane $\alpha$ -TGF $\beta$ -ase, a metalloenzyme. , 1997, 64, 353-368.		10
47	Increased ecto-metalloproteinase activity in cells undergoing apoptosis. , 2000, 76, 625-638.		10
48	Effect of Novel Marine Nutraceuticals on IL-1 $\beta$ -Mediated TNF- $\alpha$ Release from UVB-Irradiated Human Melanocyte-Derived Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2011, 2011, 1-11.	4.0	10
49	Genetic homogeneity of vegetatively propagated <i>Clinacanthus nutans</i> (Acanthaceae). <i>Journal of Medicinal Plants Research</i> , 2014, 8, 903-914.	0.4	10
50	UVB-Stimulated TNF $\alpha$ Release from Human Melanocyte and Melanoma Cells Is Mediated by p38 MAPK. <i>International Journal of Molecular Sciences</i> , 2013, 14, 17029-17054.	4.1	8
51	Expression of the plasminogen system in the physiological mouse ovary and in the pathological polycystic ovary syndrome (PCOS) state. <i>Reproductive Biology and Endocrinology</i> , 2019, 17, 33.	3.3	8
52	Differential Effects on Haemostatic Markers by Metformin and the Contraceptive Pill: A Randomized Comparative Trial in PCOS. <i>Thrombosis and Haemostasis</i> , 2017, 117, 2053-2062.	3.4	7
53	Anticancer activity of <i>Momordica cochinchinensis</i> (red gac) aril and the impact of varietal diversity. <i>BMC Complementary Medicine and Therapies</i> , 2020, 20, 365.	2.7	7
54	Diversity in Nutrition and Bioactivity of <i>Momordica cochinchinensis</i> . <i>International Journal on Advanced Science, Engineering and Information Technology</i> , 2016, 6, 378.	0.4	7

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55	Effect of UV irradiation on cell surface protease activity and amino acid uptake. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1998, 422, 55-67.	1.0	6
56	Differential Effects of Gold Nanoparticles and Ionizing Radiation on Cell Motility between Primary Human Colonic and Melanocytic Cells and Their Cancerous Counterparts. International Journal of Molecular Sciences, 2021, 22, 1418.	4.1	6
57	Increased Activity of Cell Surface Peptidases in HeLa Cells Undergoing UV-Induced Apoptosis Is Not Mediated by Caspase 3. International Journal of Molecular Sciences, 2012, 13, 2650-2675.	4.1	4
58	Inhibition by monochloramine of the transport of glutamine and glucose in HeLa cells and lymphocytes. International Journal of Biochemistry & Cell Biology, 1991, 23, 1421-1426.	0.5	3
59	Evaluation of cytotoxic and apoptotic activities of Clinacanthus nutans (Burm. f.) Lindau leaves against D24 human melanoma cells. Journal of Herbal Medicine, 2019, 17-18, 100285.	2.0	3
60	Quality, Viability and Relevance: A Strategic Framework for Evaluating the Effectiveness of Mixed-Mode Teaching and Learning in an Undergraduate Biotechnology and Biomedical Science Degree. Educational Media International, 2004, 41, 219-231.	1.7	1
61	The Truncated TCA Cycle in HeLa Cell Mitochondria. Advances in Experimental Medicine and Biology, 1992, 316, 385-391.	1.6	1
62	Increased cell surface protease activity in UV-irradiated cells undergoing apoptosis. Redox Report, 2000, 5, 133-136.	4.5	0
63	Effects of Calcium Channel Blockers on the Respiration of Hela Cells and Hela Mitochondria and the Generation of Oxidising Free Radicals in Tissues Subject to Calcium Imbalance. Advances in Experimental Medicine and Biology, 1988, 222, 735-740.	1.6	0