

# Che-Ming Teng

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

431 papers	13,697 citations	60 h-index	81 g-index
443 ext. papers	14,490 ext. citations	5.1 avg, IF	5.81 L-index

#	Paper	IF	Citations
431	Ring-opening of five-membered heterocycles conjugated 4-isopropylresorcinol scaffold-based benzamides as HSP90 inhibitors suppressing tumor growth in vitro and in vivo. <i>European Journal of Medicinal Chemistry</i> , <b>2021</b> , 219, 113428	6.8	2
430	Retraction: Non-epigenetic function of HDAC8 in regulating breast cancer stem cells by maintaining Notch1 protein stability. <i>Oncotarget</i> , <b>2020</b> , 11, 1096	3.3	
429	Combination treatment strategy for pancreatic cancer involving the novel HDAC inhibitor MPT0E028 with a MEK inhibitor beyond K-Ras status. <i>Clinical Epigenetics</i> , <b>2019</b> , 11, 85	7.7	10
428	Lanatoside C, a cardiac glycoside, acts through protein kinase C to cause apoptosis of human hepatocellular carcinoma cells. <i>Scientific Reports</i> , <b>2017</b> , 7, 46134	4.9	23
427	The apoptotic mechanisms of MT-6, a mitotic arrest inducer, in human ovarian cancer cells. <i>Scientific Reports</i> , <b>2017</b> , 7, 46149	4.9	
426	An oral quinoline derivative, MPT0B392, causes leukemic cells mitotic arrest and overcomes drug resistant cancer cells. <i>Oncotarget</i> , <b>2017</b> , 8, 27772-27785	3.3	4
425	ERK Activation Globally Downregulates miRNAs through Phosphorylating Exportin-5. <i>Cancer Cell</i> , <b>2016</b> , 30, 723-736	24.3	96
424	MPT0G066, a novel anti-mitotic drug, induces JNK-independent mitotic arrest, JNK-mediated apoptosis, and potentiates antineoplastic effect of cisplatin in ovarian cancer. <i>Scientific Reports</i> , <b>2016</b> , 6, 31664	4.9	10
423	LTP-1, a novel antimitotic agent and Stat3 inhibitor, inhibits human pancreatic carcinomas in vitro and in vivo. <i>Scientific Reports</i> , <b>2016</b> , 6, 27794	4.9	8
422	TW-01, a piperazinedione-derived compound, inhibits Ras-mediated cell proliferation and angioplasty-induced vascular restenosis. <i>Toxicology and Applied Pharmacology</i> , <b>2016</b> , 305, 194-202	4.6	
421	Novel histone deacetylase inhibitor MPT0G009 induces cell apoptosis and synergistic anticancer activity with tumor necrosis factor-related apoptosis-inducing ligand against human hepatocellular carcinoma. <i>Oncotarget</i> , <b>2016</b> , 7, 402-17	3.3	17
420	Non-epigenetic function of HDAC8 in regulating breast cancer stem cells by maintaining Notch1 protein stability. <i>Oncotarget</i> , <b>2016</b> , 7, 1796-807	3.3	21
419	Integrin-linked kinase as a novel molecular switch of the IL-6-NF- $\kappa$ B signaling loop in breast cancer. <i>Carcinogenesis</i> , <b>2016</b> , 37, 430-442	4.6	16
418	N-Sulfonyl-aminobiaryls as Antitubulin Agents and Inhibitors of Signal Transducers and Activators of Transcription 3 (STAT3) Signaling. <i>Journal of Medicinal Chemistry</i> , <b>2015</b> , 58, 6549-58	8.3	22
417	The synergic effect of vincristine and vorinostat in leukemia in vitro and in vivo. <i>Journal of Hematology and Oncology</i> , <b>2015</b> , 8, 82	22.4	45
416	Heteronemin, a Spongian Sesterterpene, Induces Cell Apoptosis and Autophagy in Human Renal Carcinoma Cells. <i>BioMed Research International</i> , <b>2015</b> , 2015, 738241	3	23
415	Dual phosphoinositide 3-kinase/mammalian target of rapamycin inhibitor is an effective radiosensitizer for colorectal cancer. <i>Cancer Letters</i> , <b>2015</b> , 357, 582-90	9.9	35

4 <sup>14</sup>	Novel oral histone deacetylase inhibitor, MPT0E028, displays potent growth-inhibitory activity against human B-cell lymphoma in vitro and in vivo. <i>Oncotarget</i> , <b>2015</b> , 6, 4976-91	3.3	13
4 <sup>13</sup>	eIF4E binding protein 1 expression is associated with clinical survival outcomes in colorectal cancer. <i>Oncotarget</i> , <b>2015</b> , 6, 24092-104	3.3	15
4 <sup>12</sup>	Molecular mechanisms underlying the antitumor activity of (E)-N-hydroxy-3-(1-(4-methoxyphenylsulfonyl)-1,2,3,4-tetrahydroquinolin-6-yl)acrylamide in human colorectal cancer cells in vitro and in vivo. <i>Oncotarget</i> , <b>2015</b> , 6, 35991-6002	3.3	5
4 <sup>11</sup>	YC-1 inhibits proliferation of breast cancer cells by down-regulating EZH2 expression via activation of c-Cbl and ERK. <i>British Journal of Pharmacology</i> , <b>2014</b> , 171, 4010-25	8.6	22
4 <sup>10</sup>	Effect of C7-substitution of 1-arylsulfonyl-5-(N-hydroxyacrylamide)indolines on the selectivity towards a subclass of histone deacetylases. <i>Organic and Biomolecular Chemistry</i> , <b>2014</b> , 12, 8966-76	3.9	7
4 <sup>09</sup>	Design, synthesis, mechanisms of action, and toxicity of novel 20(s)-sulfonylamidine derivatives of camptothecin as potent antitumor agents. <i>Journal of Medicinal Chemistry</i> , <b>2014</b> , 57, 6008-18	8.3	54
4 <sup>08</sup>	Indole-3-ethylsulfamoylphenylacrylamides: potent histone deacetylase inhibitors with anti-inflammatory activity. <i>European Journal of Medicinal Chemistry</i> , <b>2014</b> , 85, 468-79	6.8	35
4 <sup>07</sup>	Synthesis of analogues of gingerol and shogaol, the active pungent principles from the rhizomes of <i>Zingiber officinale</i> and evaluation of their anti-platelet aggregation effects. <i>International Journal of Molecular Sciences</i> , <b>2014</b> , 15, 3926-51	6.3	30
4 <sup>06</sup>	In vitro and in vivo anti-tumour effects of MPT0B014, a novel derivative aroylquinoline, and in combination with erlotinib in human non-small-cell lung cancer cells. <i>British Journal of Pharmacology</i> , <b>2014</b> , 171, 122-33	8.6	6
4 <sup>05</sup>	Radiation-induced VEGF-C expression and endothelial cell proliferation in lung cancer. <i>Strahlentherapie Und Onkologie</i> , <b>2014</b> , 190, 1154-62	4.3	27
4 <sup>04</sup>	Synergistic interaction between the HDAC inhibitor, MPT0E028, and sorafenib in liver cancer cells in vitro and in vivo. <i>Clinical Cancer Research</i> , <b>2014</b> , 20, 1274-1287	12.9	37
4 <sup>03</sup>	NPRL-Z-1, as a new topoisomerase II poison, induces cell apoptosis and ROS generation in human renal carcinoma cells. <i>PLoS ONE</i> , <b>2014</b> , 9, e112220	3.7	8
4 <sup>02</sup>	A novel class I HDAC inhibitor, MPT0G030, induces cell apoptosis and differentiation in human colorectal cancer cells via HDAC1/PKC $\beta$ and E-cadherin. <i>Oncotarget</i> , <b>2014</b> , 5, 5651-62	3.3	26
4 <sup>01</sup>	A novel action mechanism for MPT0G013, a derivative of arylsulfonamide, inhibits tumor angiogenesis through up-regulation of TIMP3 expression. <i>Oncotarget</i> , <b>2014</b> , 5, 9838-50	3.3	10
4 <sup>00</sup>	Moscatilin inhibits migration and metastasis of human breast cancer MDA-MB-231 cells through inhibition of Akt and Twist signaling pathway. <i>Journal of Molecular Medicine</i> , <b>2013</b> , 91, 347-56	5.5	35
399	Denbinobin induces human glioblastoma multiforme cell apoptosis through the IKK $\beta$ -Akt-FKHR signaling cascade. <i>European Journal of Pharmacology</i> , <b>2013</b> , 698, 103-9	5.3	8
398	Activated PAR-2 regulates pancreatic cancer progression through ILK/HIF-1 $\alpha$ -induced TGF- $\beta$ expression and MEK/VEGF-A-mediated angiogenesis. <i>American Journal of Pathology</i> , <b>2013</b> , 183, 566-75	5.8	35
397	TW01001, a novel piperazinedione compound, induces mitotic arrest and autophagy in non-small cell lung cancer A549 cells. <i>Cancer Letters</i> , <b>2013</b> , 336, 370-8	9.9	12

396	1-arylsulfonyl-5-(N-hydroxyacrylamide)indolines histone deacetylase inhibitors are potent cytokine release suppressors. <i>ChemBioChem</i> , <b>2013</b> , 14, 1248-54	3.8	18
395	Depletion of 4E-BP1 and regulation of autophagy lead to YXM110-induced anticancer effects. <i>Carcinogenesis</i> , <b>2013</b> , 34, 2050-60	4.6	7
394	Azatyrosinamides: novel RAS-related anticancer agents. <i>Anticancer Research</i> , <b>2013</b> , 33, 425-32	2.3	1
393	Synthesis and biological evaluation of 1-arylsulfonyl-5-(N-hydroxyacrylamide)indoles as potent histone deacetylase inhibitors with antitumor activity in vivo. <i>Journal of Medicinal Chemistry</i> , <b>2012</b> , 55, 3777-91	8.3	45
392	Cytotoxic apigenin derivatives from <i>Chrysopogon aciculatis</i> . <i>Journal of Natural Products</i> , <b>2012</b> , 75, 198-201	4.1	21
391	Protopine, a novel microtubule-stabilizing agent, causes mitotic arrest and apoptotic cell death in human hormone-refractory prostate cancer cell lines. <i>Cancer Letters</i> , <b>2012</b> , 315, 1-11	9.9	42
390	Aciculatin induces p53-dependent apoptosis via MDM2 depletion in human cancer cells in vitro and in vivo. <i>PLoS ONE</i> , <b>2012</b> , 7, e42192	3.7	24
389	Anticancer activity of MPT0E028, a novel potent histone deacetylase inhibitor, in human colorectal cancer HCT116 cells in vitro and in vivo. <i>PLoS ONE</i> , <b>2012</b> , 7, e43645	3.7	23
388	Dehydrocostuslactone suppresses angiogenesis in vitro and in vivo through inhibition of Akt/GSK-3 $\beta$ and mTOR signaling pathways. <i>PLoS ONE</i> , <b>2012</b> , 7, e31195	3.7	33
387	Antitumor agents 295. E-ring hydroxylated antofine and cryptopleurine analogues as antiproliferative agents: design, synthesis, and mechanistic studies. <i>Journal of Medicinal Chemistry</i> , <b>2012</b> , 55, 6751-61	8.3	21
386	DYZ-2-90, a novel neo-tanshinlactone ring-opened compound, induces ERK-mediated mitotic arrest and subsequent apoptosis by activating JNK in human colorectal cancer cells. <i>ChemBioChem</i> , <b>2012</b> , 13, 1663-72	3.8	7
385	QS-ZYX-1-61 induces apoptosis through topoisomerase II in human non-small-cell lung cancer A549 cells. <i>Cancer Science</i> , <b>2012</b> , 103, 80-7	6.9	13
384	Physalin F induces cell apoptosis in human renal carcinoma cells by targeting NF-kappaB and generating reactive oxygen species. <i>PLoS ONE</i> , <b>2012</b> , 7, e40727	3.7	37
383	Aciculatin inhibits granulocyte colony-stimulating factor production by human interleukin 1 $\beta$ -stimulated fibroblast-like synoviocytes. <i>PLoS ONE</i> , <b>2012</b> , 7, e42389	3.7	8
382	Fluoromatine-mediated anti-cancer activity in vitro and in vivo through cell cycle- and caspase-independent pathways. <i>PLoS ONE</i> , <b>2012</b> , 7, e44093	3.7	24
381	Histone deacetylase inhibitors stimulate histone H3 lysine 4 methylation in part via transcriptional repression of histone H3 lysine 4 demethylases. <i>Molecular Pharmacology</i> , <b>2011</b> , 79, 197-206	4.3	97
380	Combined blockade of thrombin anion binding exosite-1 and PAR4 produces synergistic antiplatelet effect in human platelets. <i>Thrombosis and Haemostasis</i> , <b>2011</b> , 105, 88-95	7	14
379	The inhibition of angiogenesis and tumor growth by denbinobin is associated with the blocking of insulin-like growth factor-1 receptor signaling. <i>Journal of Nutritional Biochemistry</i> , <b>2011</b> , 22, 625-33	6.3	9

378	Aciculating inhibits lipopolysaccharide-mediated inducible nitric oxide synthase and cyclooxygenase-2 expression via suppressing NF- $\kappa$ B and JNK/p38 MAPK activation pathways. <i>Journal of Biomedical Science</i> , <b>2011</b> , 18, 28	13.3	54
377	Thrombin induces expression of twist and cell motility via the hypoxia-inducible factor-1 $\alpha$ translational pathway in colorectal cancer cells. <i>Journal of Cellular Physiology</i> , <b>2011</b> , 226, 1060-8	7	31
376	Novel mechanism by which histone deacetylase inhibitors facilitate topoisomerase II $\alpha$ degradation in hepatocellular carcinoma cells. <i>Hepatology</i> , <b>2011</b> , 53, 148-59	11.2	33
375	Antitumor agents 288: design, synthesis, SAR, and biological studies of novel heteroatom-incorporated antofine and cryptopleurine analogues as potent and selective antitumor agents. <i>Journal of Medicinal Chemistry</i> , <b>2011</b> , 54, 5097-107	8.3	32
374	Denbinobin suppresses breast cancer metastasis through the inhibition of Src-mediated signaling pathways. <i>Journal of Nutritional Biochemistry</i> , <b>2011</b> , 22, 732-40	6.3	14
373	Total synthesis of moniliformediquinone and calanquinone A as potent inhibitors for breast cancer. <i>Tetrahedron</i> , <b>2011</b> , 67, 6166-6172	2.4	17
372	Energy restriction-mimetic agents induce apoptosis in prostate cancer cells in part through epigenetic activation of KLF6 tumor suppressor gene expression. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 9968-76	5.4	13
371	Potent anti-inflammatory effects of denbinobin mediated by dual inhibition of expression of inducible NO synthase and cyclooxygenase 2. <i>Shock</i> , <b>2011</b> , 35, 191-7	3.4	23
370	The roles and mechanisms of PAR4 and P2Y <sub>12</sub> /phosphatidylinositol 3-kinase pathway in maintaining thrombin-induced platelet aggregation. <i>British Journal of Pharmacology</i> , <b>2010</b> , 161, 643-58	8.6	39
369	CHM-1, a new vascular targeting agent, induces apoptosis of human umbilical vein endothelial cells via p53-mediated death receptor 5 up-regulation. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 5497-506	5.4	22
368	The indazole derivative YD-3 specifically inhibits thrombin-induced angiogenesis in vitro and in vivo. <i>Shock</i> , <b>2010</b> , 34, 580-5	3.4	5
367	Antitumor agents. 272. Structure-activity relationships and in vivo selective anti-breast cancer activity of novel neo-tanshinlactone analogues. <i>Journal of Medicinal Chemistry</i> , <b>2010</b> , 53, 2299-308	8.3	56
366	Moscaticin, a bibenzyl derivative from the India orchid <i>Dendrobium loddigesii</i> , suppresses tumor angiogenesis and growth in vitro and in vivo. <i>Cancer Letters</i> , <b>2010</b> , 292, 163-70	9.9	50
365	Moscaticin repressed lipopolysaccharide-induced HIF-1 $\alpha$ accumulation and NF- $\kappa$ B activation in murine RAW264.7 cells. <i>Shock</i> , <b>2010</b> , 33, 70-5	3.4	22
364	Synthesis and preclinical evaluations of 2-(2-fluorophenyl)-6,7-methylenedioxyquinolin-4-one monosodium phosphate (CHM-1-P-Na) as a potent antitumor agent. <i>Journal of Medicinal Chemistry</i> , <b>2010</b> , 53, 1616-26	8.3	26
363	Synthesis of 1-benzyl-3-(5-hydroxymethyl-2-furyl)selenolo[3,2-c]pyrazole derivatives as new anticancer agents. <i>European Journal of Medicinal Chemistry</i> , <b>2010</b> , 45, 1395-402	6.8	34
362	EPOX inhibits angiogenesis by degradation of Mcl-1 through ERK inactivation. <i>Clinical Cancer Research</i> , <b>2009</b> , 15, 4904-14	12.9	19
361	Synthesis, antiplatelet and vasorelaxing activities of xanthone derivatives. <i>Archiv Der Pharmazie</i> , <b>2009</b> , 342, 19-26	4.3	8

- 360 Apoptosis signal-regulating kinase 1 mediates denbinobin-induced apoptosis in human lung adenocarcinoma cells. *Journal of Biomedical Science*, **2009**, 16, 43 13.3 31
- 359 Combined treatment with denbinobin and Fas ligand has a synergistic cytotoxic effect in human pancreatic adenocarcinoma BxPC-3 cells. *British Journal of Pharmacology*, **2009**, 157, 1175-85 8.6 14
- 358 Evodiamine represses hypoxia-induced inflammatory proteins expression and hypoxia-inducible factor 1alpha accumulation in RAW264.7. *Shock*, **2009**, 32, 263-9 3.4 45
- 357 A New and Facile Synthesis of Rutaecarpine Alkaloids. *Heterocycles*, **2009**, 78, 1047 0.8 15
- 356 YC-1 induces apoptosis of human renal carcinoma A498 cells in vitro and in vivo through activation of the JNK pathway. *British Journal of Pharmacology*, **2008**, 155, 505-13 8.6 22
- 355 Anticancer mechanisms of YC-1 in human lung cancer cell line, NCI-H226. *Biochemical Pharmacology*, **2008**, 75, 360-8 6 44
- 354 Denbinobin induces apoptosis in human lung adenocarcinoma cells via Akt inactivation, Bad activation, and mitochondrial dysfunction. *Toxicology Letters*, **2008**, 177, 48-58 4.4 54
- 353 Molecular mechanism of the inhibitory effect of KS-5 on bFGF-induced angiogenesis in vitro and in vivo. *Cancer Letters*, **2008**, 263, 114-21 9.9 11
- 352 CHM-1, a novel synthetic quinolone with potent and selective antimitotic antitumor activity against human hepatocellular carcinoma in vitro and in vivo. *Molecular Cancer Therapeutics*, **2008**, 7, 350-60 6.1 45
- 351 Moscatilin induces apoptosis in human colorectal cancer cells: a crucial role of c-Jun NH2-terminal protein kinase activation caused by tubulin depolymerization and DNA damage. *Clinical Cancer Research*, **2008**, 14, 4250-8 12.9 44
- 350 Antiplatelet effect and selective binding to cyclooxygenase by molecular docking analysis of 3-alkylaminopropoxy-9,10-anthraquinone derivatives. *Biological and Pharmaceutical Bulletin*, **2008**, 31, 1547-51 2.3 14
- 349 Denbinobin induces apoptosis by apoptosis-inducing factor releasing and DNA damage in human colorectal cancer HCT-116 cells. *Naunyn-Schmiedeberg's Archives of Pharmacology*, **2008**, 378, 447-57 3.4 18
- 348 Baicalein attenuates intimal hyperplasia after rat carotid balloon injury through arresting cell-cycle progression and inhibiting ERK, Akt, and NF-kappaB activity in vascular smooth-muscle cells. *Naunyn-Schmiedeberg's Archives of Pharmacology*, **2008**, 378, 579-88 3.4 38
- 347 Synthesis and antiplatelet activity of ethyl 4-(1-benzyl-1H-indazol-3-yl)benzoate (YD-3) derivatives. *Bioorganic and Medicinal Chemistry*, **2008**, 16, 1262-78 3.4 31
- 346 YC-1 induces heat shock protein 70 expression and prevents oxidized LDL-mediated apoptosis in vascular smooth muscle cells. *Shock*, **2008**, 30, 274-9 3.4 13
- 345 Synthesis of fuopyrazole analogs of 1-benzyl-3-(5-hydroxymethyl-2-furyl)indazole (YC-1) as novel anti-leukemia agents. *Bioorganic and Medicinal Chemistry*, **2007**, 15, 1732-40 3.4 70
- 344 Proteomic approach to studying the cytotoxicity of YC-1 on U937 leukemia cells and antileukemia activity in orthotopic model of leukemia mice. *Proteomics*, **2007**, 7, 3305-17 4.8 43
- 343 Quinolone analogue inhibits tubulin polymerization and induces apoptosis via Cdk1-involved signaling pathways. *Biochemical Pharmacology*, **2007**, 74, 10-9 6 50



342	2-(3-Fluorophenyl)-6-methoxyl-4-oxo-1,4-dihydroquinoline-3-carboxylic acid (YJC-1) induces mitotic phase arrest in A549 cells. <i>European Journal of Pharmacology</i> , <b>2007</b> , 559, 14-20	5.3	19
341	CHM-1 inhibits hepatocyte growth factor-induced invasion of SK-Hep-1 human hepatocellular carcinoma cells by suppressing matrix metalloproteinase-9 expression. <i>Cancer Letters</i> , <b>2007</b> , 257, 87-96	9.9	20
340	Antitumor agents 253. Design, synthesis, and antitumor evaluation of novel 9-substituted phenanthrene-based tylophorine derivatives as potential anticancer agents. <i>Journal of Medicinal Chemistry</i> , <b>2007</b> , 50, 3674-80	8.3	68
339	Selective COX-2 inhibitors. Part 1: synthesis and biological evaluation of phenylazobenzenesulfonamides. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2006</b> , 16, 4440-3	2.9	39
338	Comparison of the effects of PAR1 antagonists, PAR4 antagonists, and their combinations on thrombin-induced human platelet activation. <i>European Journal of Pharmacology</i> , <b>2006</b> , 546, 142-7	5.3	41
337	Effect of isoquinoline alkaloids of different structural types on antiplatelet aggregation in vitro. <i>Planta Medica</i> , <b>2006</b> , 72, 1238-41	3.1	16
336	YC-1 [3-(5Hydroxymethyl-2Pfuryl)-1-benzyl indazole] inhibits neointima formation in balloon-injured rat carotid through suppression of expressions and activities of matrix metalloproteinases 2 and 9. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2006</b> , 316, 35-41	4.7	37
335	Alisol B acetate, a triterpene from <i>Alismatis rhizoma</i> , induces Bax nuclear translocation and apoptosis in human hormone-resistant prostate cancer PC-3 cells. <i>Cancer Letters</i> , <b>2006</b> , 231, 270-8	9.9	82
334	Synthesis of N2-(substituted benzyl)-3-(4-methylphenyl)indazoles as novel anti-angiogenic agents. <i>Bioorganic and Medicinal Chemistry</i> , <b>2006</b> , 14, 528-36	3.4	67
333	Induction of endoplasmic reticulum stress and apoptosis by a marine prostanoid in human hepatocellular carcinoma. <i>Journal of Hepatology</i> , <b>2005</b> , 43, 679-86	13.4	41
332	Induction of mitotic arrest and apoptosis in human prostate cancer pc-3 cells by evodiamine. <i>Journal of Urology</i> , <b>2005</b> , 173, 256-61	2.5	41
331	Three new taxane diterpenoids from <i>Taxus sumatrana</i> . <i>Journal of Natural Products</i> , <b>2005</b> , 68, 90-3	4.9	16
330	Chemical and Bioactive Constituents from Formosan <i>Zanthoxylum</i> Species. <i>Frontiers in Natural Product Chemistry</i> , <b>2005</b> , 1, 201-208	2	1
329	Enhancement of learning behaviour by a potent nitric oxide-guanylate cyclase activator YC-1. <i>European Journal of Neuroscience</i> , <b>2005</b> , 21, 1679-88	3.5	61
328	YC-1-inhibited proliferation of rat mesangial cells through suppression of cyclin D1-independent of cGMP pathway and partially reversed by p38 MAPK inhibitor. <i>European Journal of Pharmacology</i> , <b>2005</b> , 517, 1-10	5.3	14
327	Interference of neutrophil-platelet interaction by YC-1: a cGMP-dependent manner on heterotypic cell-cell interaction. <i>European Journal of Pharmacology</i> , <b>2005</b> , 519, 158-67	5.3	10
326	Goniothalamin induces cell cycle-specific apoptosis by modulating the redox status in MDA-MB-231 cells. <i>European Journal of Pharmacology</i> , <b>2005</b> , 522, 20-9	5.3	58
325	Denbinobin-mediated anticancer effect in human K562 leukemia cells: role in tubulin polymerization and Bcr-Abl activity. <i>Journal of Biomedical Science</i> , <b>2005</b> , 12, 113-21	13.3	28

- 324 Investigation of anticancer mechanism of clavulone II, a coral cyclopentenone prostaglandin analog, in human acute promyelocytic leukemia. *Journal of Biomedical Science*, **2005**, 12, 335-45 13.3 11
- 323 A potential role of YC-1 on the inhibition of cytokine release in peripheral blood mononuclear leukocytes and endotoxemic mouse models. *Thrombosis and Haemostasis*, **2005**, 93, 940-8 7 31
- 322 YC-1 [3-(5Hydroxymethyl-2Pfuryl)-1-benzyl indazole] inhibits endothelial cell functions induced by angiogenic factors in vitro and angiogenesis in vivo models. *Journal of Pharmacology and Experimental Therapeutics*, **2005**, 314, 35-42 4.7 55
- 321 YC-1 suppresses constitutive nuclear factor-kappaB activation and induces apoptosis in human prostate cancer cells. *Molecular Cancer Therapeutics*, **2005**, 4, 1628-35 6.1 47
- 320 CIL-102 interacts with microtubule polymerization and causes mitotic arrest following apoptosis in the human prostate cancer PC-3 cell line. *Journal of Biological Chemistry*, **2005**, 280, 2771-9 5.4 40
- 319 Antitumor mechanism of evodiamine, a constituent from Chinese herb *Evodiae fructus*, in human multiple-drug resistant breast cancer NCI/ADR-RES cells in vitro and in vivo. *Carcinogenesis*, **2005**, 26, 968-75 4.6 102
- 318 YC-1 [3-(5PHydroxymethyl-2Pfuryl)-1-benzyl Indazole] exhibits a novel antiproliferative effect and arrests the cell cycle in G0-G1 in human hepatocellular carcinoma cells. *Journal of Pharmacology and Experimental Therapeutics*, **2005**, 312, 917-25 4.7 48
- 317 Structure-activity relationship studies on chalcone derivatives: potent inhibition of platelet aggregation. *Journal of Pharmacy and Pharmacology*, **2004**, 56, 1333-7 4.8 19
- 316 The indazole derivative YD-3 inhibits thrombin-induced vascular smooth muscle cell proliferation and attenuates intimal thickening after balloon injury. *Thrombosis and Haemostasis*, **2004**, 92, 1232-9 7 22
- 315 Soluble decoy receptor 3 induces angiogenesis by neutralization of TL1A, a cytokine belonging to tumor necrosis factor superfamily and exhibiting angiostatic action. *Cancer Research*, **2004**, 64, 1122-9 10.1 96
- 314 A new aristolactam alkaloid and anti-platelet aggregation constituents from *Piper taiwanense*. *Planta Medica*, **2004**, 70, 174-7 3.1 32
- 313 Peptidoglycan induces nuclear factor-kappaB activation and cyclooxygenase-2 expression via Ras, Raf-1, and ERK in RAW 264.7 macrophages. *Journal of Biological Chemistry*, **2004**, 279, 20889-97 5.4 76
- 312 Investigation of extrinsic and intrinsic apoptosis pathways of new clerodane diterpenoids in human prostate cancer PC-3 cells. *European Journal of Pharmacology*, **2004**, 503, 17-24 5.3 37
- 311 Investigation of ouabain-induced anticancer effect in human androgen-independent prostate cancer PC-3 cells. *Biochemical Pharmacology*, **2004**, 67, 727-33 6 91
- 310 Genistein inversely affects tubulin-binding agent-induced apoptosis in human breast cancer cells. *Biochemical Pharmacology*, **2004**, 67, 2031-8 6 34
- 309 Modulation of anti-adhesion molecule MUC-1 is associated with arctiin-induced growth inhibition in PC-3 cells. *Prostate*, **2004**, 59, 260-7 4.2 19
- 308 New prostanoids with cytotoxic activity from Taiwanese octocoral *Clavularia viridis*. *Journal of Natural Products*, **2004**, 67, 542-6 4.9 39
- 307 Induction of mitotic arrest and apoptosis by evodiamine in human leukemic T-lymphocytes. *Life Sciences*, **2004**, 75, 35-49 6.8 53



306	Cerebrosides from the Rhizomes of <i>Gynura Japonica</i> . <i>Journal of the Chinese Chemical Society</i> , <b>2004</b> , 51, 1429-1434	1.5	17
305	The inhibitory mechanism of YC-1, a benzyl indazole, on smooth muscle cell proliferation: an in vitro and in vivo study. <i>Journal of Pharmacological Sciences</i> , <b>2004</b> , 94, 252-60	3.7	28
304	Enhancement of long-term potentiation by a potent nitric oxide-guanylyl cyclase activator, 3-(5-hydroxymethyl-2-furyl)-1-benzyl-indazole. <i>Molecular Pharmacology</i> , <b>2003</b> , 63, 1322-8	4.3	69
303	Anti-platelet aggregation and chemical constituents from the rhizome of <i>Gynura japonica</i> . <i>Planta Medica</i> , <b>2003</b> , 69, 757-64	3.1	50
302	Soluble guanylyl cyclase activator YC-1 inhibits human neutrophil functions through a cGMP-independent but cAMP-dependent pathway. <i>Molecular Pharmacology</i> , <b>2003</b> , 64, 1419-27	4.3	87
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159	Vasorelaxing effect in rat thoracic aorta caused by laurotetanine isolated from <i>Litsea cubeba</i> Persoon. <i>Journal of Pharmacy and Pharmacology</i> , <b>1994</b> , 46, 380-2	4.8	18
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156	gamma-Pyrone compounds. 5. Synthesis and antiplatelet effects of xanthoxypropanolamines and related compounds. <i>Journal of Pharmaceutical Sciences</i> , <b>1994</b> , 83, 391-5	3.9	12
155	Protracted treatment with phorbol ester modulates J-7 human hepatoma-cell-induced aggregation and coagulation of human platelet-rich plasma. <i>International Journal of Cancer</i> , <b>1994</b> , 59, 706-11	7.5	3
154	The relaxant action of osthole isolated from <i>Angelica pubescens</i> in guinea-pig trachea. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>1994</b> , 349, 202-8	3.4	43
153	Effect of norathyriol, isolated from <i>Tripterospermum lanceolatum</i> , on A23187-induced pleurisy and analgesia in mice. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>1994</b> , 350, 90-5	3.4	10
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150	Inhibition of cyclooxygenase activity and increase in platelet cyclic AMP by girinimbine, isolated from <i>Murraya euchrestifolia</i> . <i>Biochemical Pharmacology</i> , <b>1994</b> , 48, 353-60	6	16
149	Magnolol and honokiol isolated from <i>Magnolia officinalis</i> protect rat heart mitochondria against lipid peroxidation. <i>Biochemical Pharmacology</i> , <b>1994</b> , 47, 549-53	6	204
148	Functional identification of alpha 1-adrenoceptor subtypes in human prostate: comparison with those in rat vas deferens and spleen. <i>European Journal of Pharmacology</i> , <b>1994</b> , 265, 61-6	5.3	34
147	Inhibitory effect of norathyriol, a xanthone from <i>Tripterospermum lanceolatum</i> , on cutaneous plasma extravasation. <i>European Journal of Pharmacology</i> , <b>1994</b> , 251, 35-42	5.3	28
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141	Pharmacological characteristics of liriodenine, isolated from <i>Fissistigma glaucescens</i> , a novel muscarinic receptor antagonist in guinea-pigs. <i>British Journal of Pharmacology</i> , <b>1994</b> , 113, 275-81	8.6	20
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138	Comparison of Phorbol Ester-induced Responses in Rabbit and Human Platelets and Difference in Shape Change. <i>Platelets</i> , <b>1994</b> , 5, 245-51	3.6	1
137	Antiplatelet aggregation principles of <i>Dendrobium loddigesii</i> . <i>Journal of Natural Products</i> , <b>1994</b> , 57, 1271-4	4.4	64
136	YC-1, a novel activator of platelet guanylate cyclase. <i>Blood</i> , <b>1994</b> , 84, 4226-33	2.2	115
135	Inventory of exogenous factors affecting platelet aggregation isolated from plant sources. A report prepared on behalf of the Scientific and Standardization CommitteeB Registry of Exogenous Hemostatic Factors. <i>Thrombosis and Haemostasis</i> , <b>1994</b> , 71, 517-9	7	
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125	CIS-19, a novel platelet activating factor receptor antagonist: in vitro and in vivo studies. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>1993</b> , 1175, 225-31	4.9	4
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123	Daphnoretin, a new protein kinase C activator isolated from <i>Wikstroemia indica</i> C.A. Mey. <i>Biochemical Journal</i> , <b>1993</b> , 295 ( Pt 1), 321-7	3.8	25
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113	Trimucytin: A Collagen-Like Aggregating Inducer Isolated from <i>Trimeresurus mucrosquamatus</i> Snake Venom. <i>Thrombosis and Haemostasis</i> , <b>1993</b> , 69, 286-292	7	18
112	Collagen-Induced Platelet Aggregation was Mimicked by Snake Venom Protein and Inhibited by Plant Component <b>1993</b> , 147-151		
111	Comparison of kinin-forming and amidolytic activities of four trimucases, oedema-producing and kinin-releasing enzymes, from <i>Trimeresurus mucrosquamatus</i> venom. <i>Journal of Pharmacy and Pharmacology</i> , <b>1992</b> , 44, 306-10	4.8	2
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107	Ca(2+)-channel blockade in rat thoracic aorta by protopine isolated from <i>Corydalis tubers</i> . <i>The Japanese Journal of Pharmacology</i> , <b>1992</b> , 58, 1-9		16
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104	HA-29: an inhibitor of thromboxane A2 formation with antagonism of thromboxane A2/prostaglandin endoperoxide receptor in rabbit platelets. <i>Thrombosis Research</i> , <b>1992</b> , 66, 61-73	8.2	4
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98	Vasorelaxation of rat thoracic aorta caused by osthole isolated from <i>Angelica pubescens</i> . <i>European Journal of Pharmacology</i> , <b>1992</b> , 219, 29-34	5.3	61
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68	Inhibition of rabbit platelet aggregation by 1,4-naphthoquinones. <i>Thrombosis Research</i> , <b>1990</b> , 57, 453-638.2		13
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46	Two antiplatelet agents from <i>Magnolia officinalis</i> . <i>Thrombosis Research</i> , <b>1988</b> , 50, 757-65	8.2	150
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43	Antiplatelet effect of butylidenephthalide. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>1987</b> , 924, 375-82	4	104
42	Characterization of the anticoagulants from Taiwan cobra ( <i>Naja naja atra</i> ) snake venom. <i>Toxicon</i> , <b>1987</b> , 25, 201-10	2.8	14
41	Cyclooxygenase-independent pathway of phospholipase activation in carrageenan-induced platelet aggregation. <i>Thrombosis Research</i> , <b>1987</b> , 45, 39-49	8.2	4
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36	Antiplatelet effect of hsien-ho-tBao (Agrimonia pilosa). <i>The American Journal of Chinese Medicine</i> , <b>1985</b> , 13, 109-18	6	12
35	Species difference in the fibrinogenolytic effects of alpha- and beta-fibrinogenases from Trimeresurus mucrosquamatus snake venom. <i>Toxicon</i> , <b>1985</b> , 23, 777-82	2.8	17
34	Antihemostatic and antithrombotic effects of capsaicin in comparison with aspirin and indomethacin. <i>Thrombosis Research</i> , <b>1985</b> , 37, 669-79	8.2	24
33	Purification and properties of the main coagulant and anticoagulant principles of Vipera russellii snake venom. <i>BBA - Proteins and Proteomics</i> , <b>1984</b> , 786, 204-12		33
32	Biphasic effect on platelet aggregation by phospholipase a purified from Vipera russellii snake venom. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>1984</b> , 772, 393-402	3.8	44
31	Antiplatelet effect of capsaicin. <i>Thrombosis Research</i> , <b>1984</b> , 36, 497-507	8.2	35
30	XC 386: a new antiplatelet agent. <i>Thrombosis Research</i> , <b>1984</b> , 36, 113-22	8.2	3
29	Cardiotoxin from Naja naja atra snake venom: a potentiator of platelet aggregation. <i>Toxicon</i> , <b>1984</b> , 22, 463-70	2.8	29
28	Edema formation and degranulation of mast cells by Trimeresurus mucrosquamatus snake venom. <i>Toxicon</i> , <b>1984</b> , 22, 17-28	2.8	11
27	Presynaptic and muscletropic effects of a basic phospholipase A2 from the Formosan habu (Trimeresurus mucrosquamatus) venom. <i>Toxicon</i> , <b>1984</b> , 22, 813-6	2.8	8
26	Antihemostatic effect of Hsien-Ho-TBao (Agrimonia pilosa). <i>The American Journal of Chinese Medicine</i> , <b>1984</b> , 12, 116-23	6	14
25	Enhanced enzyme activity in concentrated salt solutions. <i>Experientia</i> , <b>1982</b> , 38, 403-4		
24	Mechanism of the anticoagulant action of phospholipase A purified from Trimeresurus mucrosquamatus (Formosan habu) snake venom. <i>Toxicon</i> , <b>1981</b> , 19, 113-20	2.8	31
23	Ultrastructural changes and release reaction of platelets induced by an aggregation inducer purified from Trimeresurus mucrosquamatus (Formosan habu) snake venom. <i>Toxicon</i> , <b>1981</b> , 19, 121-30	2.8	8
22	Agkistrodon acutus snake venom inhibits prothrombinase complex formation. <i>Thrombosis Research</i> , <b>1981</b> , 23, 255-63	8.2	23
21	Activation of factor X and thrombin zymogens in 25% sodium citrate solution. <i>Thrombosis Research</i> , <b>1981</b> , 22, 203-12	8.2	1
20	Production of factor X and factor Xa variants with thrombin, acutin and by autolysis. <i>Thrombosis Research</i> , <b>1981</b> , 22, 213-20	8.2	12
19	Three aspects of prothrombin activation related to protein M, ecarin, acutin, meizothrombin 1 and prethrombin 2. <i>Annals of the New York Academy of Sciences</i> , <b>1981</b> , 370, 453-67	6.5	7

18	Production of prothrombin fragment 1-44 with acutin and some effects on thrombin generation. <i>Thrombosis Research</i> , <b>1980</b> , 20, 271-9	8.2	4
17	Preparation of bovine prethrombin 2: use of Acutin and activation with prothrombinase or Ecarin. <i>Thrombosis Research</i> , <b>1980</b> , 19, 11-20	8.2	17
16	A potent platelet aggregation inducer purified from Trimeresurus mucrosquamatus snake venom. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>1980</b> , 630, 246-53	4	29
15	The clotting activity of the thrombin-like enzyme of Agkistrodon acutus (hundred-pace snake) venom. <i>Toxicon</i> , <b>1979</b> , 17, 313-6	2.8	8
14	Properties of fibrinogen degradation products produced by alpha- and beta- fibrinogenases of Trimeresurus mucrosquamatus snake venom. <i>Toxicon</i> , <b>1979</b> , 17, 121-6	2.8	41
13	Anticoagulant properties of Apis mellifera (honey bee) venom. <i>Toxicon</i> , <b>1979</b> , 17, 197-201	2.8	5
12	The Action Mechanism of the Purified Platelet Aggregation Principle of Trimeresurus mucrosquamatus Venom. <i>Thrombosis and Haemostasis</i> , <b>1979</b> , 41, 475-490	7	22
11	Purification and characterization of the anticoagulant principle of Trimeresurus mucrosquamatus venom. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>1978</b> , 541, 394-407	4	36
10	Red blood cell aggregation by Trimeresurus mucrosquamatus snake venom. <i>Toxicon</i> , <b>1978</b> , 16, 503-8	2.8	2
9	The effect of Trimeresurus mucrosquamatus snake venom on platelet aggregation. <i>Toxicon</i> , <b>1978</b> , 16, 575-82	2.8	12
8	In vivo effects of the purified thrombin-like and anticoagulant principles of Agkistrodon acutus (hundred pace snake) venom. <i>Toxicon</i> , <b>1978</b> , 16, 583-93	2.8	18
7	Physicochemical properties of alpha- and beta-fibrinogenases of Trimeresurus mucrosquamatus venom. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>1977</b> , 481, 622-30	3.8	36
6	Studies of the coagulant and anticoagulant principles of Formosan crotalid venoms [proceedings]. <i>Toxicon</i> , <b>1976</b> , 14, 415-6	2.8	1
5	The effects of the purified thrombin-like and anticoagulant principles of Agkistrodon acutus venom on blood coagulation in vivo. <i>Toxicon</i> , <b>1976</b> , 14, 49-54	2.8	15
4	Fibrinogenolytic enzymes of Trimeresurus mucrosquamatus venom. <i>Biochimica Et Biophysica Acta (BBA) - Protein Structure</i> , <b>1976</b> , 420, 298-308		196
3	The effect of the purified anticoagulant principle of Agkistrodon acutus venom on blood coagulation. <i>Toxicon</i> , <b>1973</b> , 11, 287-92	2.8	35
2	Purification and properties of the anticoagulant principle of Agkistrodon acutus venom. <i>Biochimica Et Biophysica Acta (BBA) - Protein Structure</i> , <b>1972</b> , 278, 155-62		47
1	Purification and Properties of the Thrombin-Like Principle of Agkistrodon acutus Venom and Its Comparison with Bovine Thrombin. <i>Thrombosis and Haemostasis</i> , <b>1971</b> , 26, 224-234	7	12

