

Shaker A Mousa

List of Publications by Citations

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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.

583
papers

18,224
citations

64
h-index

111
g-index

644
ext. papers

20,828
ext. citations

4.7
avg, IF

7.24
L-index

#	Paper	IF	Citations
583	Non-small cell lung cancer: current treatment and future advances. <i>Translational Lung Cancer Research</i> , 2016 , 5, 288-300	4.4	762
582	Omega-3 fatty acids EPA and DHA: health benefits throughout life. <i>Advances in Nutrition</i> , 2012 , 3, 1-7	10	727
581	Regulation of angiogenesis in vivo by ligation of integrin alpha5beta1 with the central cell-binding domain of fibronectin. <i>American Journal of Pathology</i> , 2000 , 156, 1345-62	5.8	554
580	Integrin alphaVbeta3 contains a cell surface receptor site for thyroid hormone that is linked to activation of mitogen-activated protein kinase and induction of angiogenesis. <i>Endocrinology</i> , 2005 , 146, 2864-71	4.8	467
579	International clinical practice guidelines for the treatment and prophylaxis of venous thromboembolism in patients with cancer. <i>Journal of Thrombosis and Haemostasis</i> , 2013 , 11, 56-70	15.4	383
578	Introducing nanochemoprevention as a novel approach for cancer control: proof of principle with green tea polyphenol epigallocatechin-3-gallate. <i>Cancer Research</i> , 2009 , 69, 1712-6	10.1	313
577	Chemoenzymatic synthesis of homogeneous ultralow molecular weight heparins. <i>Science</i> , 2011 , 334, 498-501	33.3	303
576	The Role of Angiogenesis in Cancer Treatment. <i>Biomedicines</i> , 2017 , 5,	4.8	257
575	Emerging nanopharmaceuticals. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2008 , 4, 273-82	6	254
574	Apoptosis and Acute Brain Ischemia in Ischemic Stroke. <i>Current Vascular Pharmacology</i> , 2017 , 15, 115-123	3.3	197
573	Proangiogenic action of thyroid hormone is fibroblast growth factor-dependent and is initiated at the cell surface. <i>Circulation Research</i> , 2004 , 94, 1500-6	15.7	189
572	L-Thyroxine vs. 3,5,3'-triiodo-L-thyronine and cell proliferation: activation of mitogen-activated protein kinase and phosphatidylinositol 3-kinase. <i>American Journal of Physiology - Cell Physiology</i> , 2009 , 296, C980-91	5.4	187
571	Oxidized low-density lipoprotein as a biomarker of cardiovascular diseases. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2015 , 52, 70-85	9.4	185
570	Immobilized platelets support human colon carcinoma cell tethering, rolling, and firm adhesion under dynamic flow conditions. <i>Blood</i> , 2000 , 96, 1789-1797	2.2	183
569	International clinical practice guidelines for the treatment and prophylaxis of thrombosis associated with central venous catheters in patients with cancer. <i>Journal of Thrombosis and Haemostasis</i> , 2013 , 11, 71-80	15.4	177
568	Synthesis of gold and silver nanoparticles stabilized with glycosaminoglycans having distinctive biological activities. <i>Biomacromolecules</i> , 2009 , 10, 589-95	6.9	177
567	Domain 5 of high molecular weight kininogen (kininostat) down-regulates endothelial cell proliferation and migration and inhibits angiogenesis. <i>Blood</i> , 2000 , 95, 543-550	2.2	167

566	Membrane receptor for thyroid hormone: physiologic and pharmacologic implications. <i>Annual Review of Pharmacology and Toxicology</i> , 2011 , 51, 99-115	17.9	164
565	Emerging nanomedicines for early cancer detection and improved treatment: current perspective and future promise. <i>Pharmacology & Therapeutics</i> , 2010 , 128, 324-35	13.9	156
564	Oral administration of naturally occurring chitosan-based nanoformulated green tea polyphenol EGCG effectively inhibits prostate cancer cell growth in a xenograft model. <i>Carcinogenesis</i> , 2014 , 35, 415-23	4.6	155
563	Acting via a cell surface receptor, thyroid hormone is a growth factor for glioma cells. <i>Cancer Research</i> , 2006 , 66, 7270-5	10.1	147
562	Selective alpha v beta 3 integrin blockade potently limits neointimal hyperplasia and lumen stenosis following deep coronary arterial stent injury: evidence for the functional importance of integrin alpha v beta 3 and osteopontin expression during neointima formation. <i>Cardiovascular Research</i> , 1997 , 36, 408-28	9.9	144
561	Anti-cancer properties of low-molecular-weight heparin: preclinical evidence. <i>Thrombosis and Haemostasis</i> , 2009 , 102, 258-67	7	126
560	Obtustatin: a potent selective inhibitor of alpha1beta1 integrin in vitro and angiogenesis in vivo. <i>Cancer Research</i> , 2003 , 63, 2020-3	10.1	118
559	Signaling through JAM-1 and alphavbeta3 is required for the angiogenic action of bFGF: dissociation of the JAM-1 and alphavbeta3 complex. <i>Blood</i> , 2003 , 102, 2108-14	2.2	116
558	Inhibition of tumor cell-induced platelet aggregation and lung metastasis by the oral GpIIb/IIIa antagonist XV454. <i>Thrombosis and Haemostasis</i> , 2003 , 90, 549-54	7	115
557	Type II to Type I Turn Swap Changes Specificity for Integrins. <i>Journal of the American Chemical Society</i> , 1996 , 118, 293-294	16.4	111
556	Excellent anti-proliferative and pro-apoptotic effects of (-)-epigallocatechin-3-gallate encapsulated in chitosan nanoparticles on human melanoma cell growth both in vitro and in vivo. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014 , 10, 1619-26	6	105
555	Gold and silver nanoparticles conjugated with heparin derivative possess anti-angiogenesis properties. <i>Nanotechnology</i> , 2009 , 20, 455104	3.4	104
554	Reduction of painful vaso-occlusive crisis of sickle cell anaemia by tinzaparin in a double-blind randomized trial. <i>Thrombosis and Haemostasis</i> , 2007 , 98, 392-396	7	101
553	Thyroid hormone and angiogenesis. <i>Vascular Pharmacology</i> , 2010 , 52, 142-5	5.9	98
552	Blood compatible carbon nanotubes--nano-based neoproteoglycans. <i>Langmuir</i> , 2006 , 22, 3461-3	4	98
551	High serum sclerostin predicts the occurrence of osteoporotic fractures in postmenopausal women: the Center of Excellence for Osteoporosis Research Study. <i>Journal of Bone and Mineral Research</i> , 2012 , 27, 2592-602	6.3	97
550	Metformin and neoplasia: implications and indications. <i>Pharmacology & Therapeutics</i> , 2012 , 133, 108-15	13.9	96
549	Tetraiodothyroacetic acid (tetrac) and nanoparticulate tetrac arrest growth of medullary carcinoma of the thyroid. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010 , 95, 1972-80	5.6	96

548	Tetraiodothyroacetic acid, a small molecule integrin ligand, blocks angiogenesis induced by vascular endothelial growth factor and basic fibroblast growth factor. <i>Angiogenesis</i> , 2008 , 11, 183-90	10.6	94
547	Selective alpha(v)beta(3)-receptor blockade reduces macrophage infiltration and restenosis after balloon angioplasty in the atherosclerotic rabbit. <i>Circulation</i> , 2001 , 103, 1906-11	16.7	92
546	Nanoparticles and cancer therapy: a concise review with emphasis on dendrimers. <i>International Journal of Nanomedicine</i> , 2009 , 4, 1-7	7.3	92
545	Anti-metastatic effect of a non-anticoagulant low-molecular-weight heparin versus the standard low-molecular-weight heparin, enoxaparin. <i>Thrombosis and Haemostasis</i> , 2006 , 96, 816-21	7	90
544	Biosensors: the new wave in cancer diagnosis. <i>Nanotechnology, Science and Applications</i> , 2010 , 4, 1-10	3.9	89
543	Enhancement of the intestinal absorption of peptides and nonpeptides. <i>Journal of Controlled Release</i> , 1996 , 41, 19-31	11.7	89
542	Inhibition of endothelial cell tube formation by the low molecular weight heparin, tinzaparin, is mediated by tissue factor pathway inhibitor. <i>Thrombosis and Haemostasis</i> , 2004 , 92, 627-33	7	87
541	Modification of survival pathway gene expression in human breast cancer cells by tetraiodothyroacetic acid (tetrac). <i>Cell Cycle</i> , 2009 , 8, 3562-70	4.7	86
540	PPAR gamma ligands, rosiglitazone and pioglitazone, inhibit bFGF- and VEGF-mediated angiogenesis. <i>Angiogenesis</i> , 2008 , 11, 361-7	10.6	84
539	Multifunctional Nanomaterials and Their Applications in Drug Delivery and Cancer Therapy. <i>Nanomaterials</i> , 2015 , 5, 1690-1703	5.4	80
538	Agonist-activated alphavbeta3 on platelets and lymphocytes binds to the matrix protein osteopontin. <i>Journal of Biological Chemistry</i> , 1997 , 272, 8137-40	5.4	80
537	Proangiogenesis action of the thyroid hormone analog 3,5-diiodothyropropionic acid (DITPA) is initiated at the cell surface and is integrin mediated. <i>Endocrinology</i> , 2006 , 147, 1602-7	4.8	80
536	Cell adhesion molecules: potential therapeutic & diagnostic implications. <i>Molecular Biotechnology</i> , 2008 , 38, 33-40	3	78
535	Isoxazolines as potent antagonists of the integrin alpha(v)beta(3). <i>Journal of Medicinal Chemistry</i> , 2000 , 43, 27-40	8.3	78
534	Chemically-Modified Tetraiodothyroacetic Acid (Tetrac) Induces Cancer Cell Apoptosis and Facilitates Clearance of Apoptotic Debris (Efferocytosis). <i>Journal of the Endocrine Society</i> , 2021 , 5, A1012-A1013	9.4	78
533	Role of non-neuronal nicotinic acetylcholine receptors in angiogenesis. <i>International Journal of Biochemistry and Cell Biology</i> , 2009 , 41, 1441-51	5.6	77
532	The proangiogenic action of thyroid hormone analogue GC-1 is initiated at an integrin. <i>Journal of Cardiovascular Pharmacology</i> , 2005 , 46, 356-60	3.1	76
531	The role of tissue factor pathway inhibitor in tumor growth and metastasis. <i>Seminars in Thrombosis and Hemostasis</i> , 2007 , 33, 643-52	5.3	75

530	Crosstalk between integrin $\alpha_5\beta_1$ and estrogen receptor- β s involved in thyroid hormone-induced proliferation in human lung carcinoma cells. <i>PLoS ONE</i> , 2011 , 6, e27547	3.7	74
529	Bevasiranib for the treatment of wet, age-related macular degeneration. <i>Ophthalmology and Eye Diseases</i> , 2010 , 2, 75-83		74
528	Nanoparticle delivery of natural products in the prevention and treatment of cancers: current status and future prospects. <i>Cancers</i> , 2011 , 3, 4024-45	6.6	73
527	Cancer Cell Gene Expression Modulated from Plasma Membrane Integrin $\alpha_5\beta_1$ by Thyroid Hormone and Nanoparticulate Tetrac. <i>Frontiers in Endocrinology</i> , 2014 , 5, 240	5.7	72
526	Nanotechnology-based detection and targeted therapy in cancer: nano-bio paradigms and applications. <i>Cancers</i> , 2011 , 3, 2888-903	6.6	72
525	Emerging therapies for Parkinson's disease: from bench to bedside. <i>Pharmacology & Therapeutics</i> , 2014 , 144, 123-33	13.9	71
524	Biomarkers of inflammation, growth factor, and coagulation activation in patients with sickle cell disease. <i>Clinical and Applied Thrombosis/Hemostasis</i> , 2012 , 18, 195-200	3.3	71
523	Discovery of potent isoxazoline glycoprotein IIb/IIIa receptor antagonists. <i>Journal of Medicinal Chemistry</i> , 1997 , 40, 50-60	8.3	69
522	Disubstituted indazoles as potent antagonists of the integrin $\alpha(v)\beta(3)$. <i>Journal of Medicinal Chemistry</i> , 2000 , 43, 41-58	8.3	69
521	Thymoquinone Defeats Diabetes-Induced Testicular Damage in Rats Targeting Antioxidant, Inflammatory and Aromatase Expression. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	64
520	Translational implications of nongenomic actions of thyroid hormone initiated at its integrin receptor. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009 , 297, E1238-46	6	64
519	Hyaluronan- and heparin-reduced silver nanoparticles with antimicrobial properties. <i>Nanomedicine</i> , 2009 , 4, 421-9	5.6	64
518	Solid-phase synthesis of a selective $\alpha_5\beta_1$ integrin antagonist library. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1997 , 7, 1371-1376	2.9	64
517	Anticoagulants in thrombosis and cancer: the missing link. <i>Seminars in Thrombosis and Hemostasis</i> , 2002 , 28, 45-52	5.3	64
516	Comparative in vitro efficacy of different platelet glycoprotein IIb/IIIa antagonists on platelet-mediated clot strength induced by tissue factor with use of thromboelastography: differentiation among glycoprotein IIb/IIIa antagonists. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2000 , 20, 1162-7	9.4	64
515	Discovery of an orally active series of isoxazoline glycoprotein IIb/IIIa antagonists. <i>Journal of Medicinal Chemistry</i> , 1997 , 40, 2064-84	8.3	63
514	Fibrin and collagen differentially but synergistically regulate sprout angiogenesis of human dermal microvascular endothelial cells in 3-dimensional matrix. <i>International Journal of Cell Biology</i> , 2013 , 2013, 231279	2.6	62
513	Ultra-performance ion-pairing liquid chromatography with on-line electrospray ion trap mass spectrometry for heparin disaccharide analysis. <i>Analytical Biochemistry</i> , 2011 , 415, 59-66	3.1	61

512	The activation state of alphavbeta 3 regulates platelet and lymphocyte adhesion to intact and thrombin-cleaved osteopontin. <i>Journal of Biological Chemistry</i> , 2000 , 275, 18337-43	5.4	61
511	Synthesis of a new class of furo[3,2-c]coumarins and its anticancer activity. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015 , 148, 66-72	6.7	60
510	Tetraiodothyroacetic acid and its nanoformulation inhibit thyroid hormone stimulation of non-small cell lung cancer cells in vitro and its growth in xenografts. <i>Lung Cancer</i> , 2012 , 76, 39-45	5.9	60
509	Anti-integrin as novel drug-discovery targets: potential therapeutic and diagnostic implications. <i>Current Opinion in Chemical Biology</i> , 2002 , 6, 534-41	9.7	59
508	Antiviral Activity of Chitosan Nanoparticles Encapsulating Curcumin Against Hepatitis C Virus Genotype 4a in Human Hepatoma Cell Lines. <i>International Journal of Nanomedicine</i> , 2020 , 15, 2699-2715	7.3	58
507	Nuclear monomeric integrin α in cancer cells is a coactivator regulated by thyroid hormone. <i>FASEB Journal</i> , 2013 , 27, 3209-16	0.9	58
506	Modulation of angiogenesis by thyroid hormone and hormone analogues: implications for cancer management. <i>Angiogenesis</i> , 2014 , 17, 463-9	10.6	57
505	Recent advances in cell adhesion molecules and extracellular matrix proteins: potential clinical implications. <i>Drug Discovery Today</i> , 1997 , 2, 187-199	8.8	57
504	Carbon inhibits vascular endothelial growth factor- and fibroblast growth factor-promoted angiogenesis. <i>FEBS Letters</i> , 2007 , 581, 1157-60	3.8	57
503	Cellular and molecular mechanisms of nicotine's pro-angiogenesis activity and its potential impact on cancer. <i>Journal of Cellular Biochemistry</i> , 2006 , 97, 1370-8	4.7	55
502	Anti-angiogenesis efficacy of the garlic ingredient alliin and antioxidants: role of nitric oxide and p53. <i>Nutrition and Cancer</i> , 2005 , 53, 104-10	2.8	54
501	Tetraiodothyroacetic acid-conjugated PLGA nanoparticles: a nanomedicine approach to treat drug-resistant breast cancer. <i>Nanomedicine</i> , 2013 , 8, 1943-54	5.6	53
500	Synthesis and pharmacology of modified amidine isoxazoline glycoprotein IIb/IIIa receptor antagonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2001 , 11, 2201-4	2.9	53
499	The effect of red yeast rice (<i>Monascus purpureus</i>) in dyslipidemia and other disorders. <i>Complementary Therapies in Medicine</i> , 2012 , 20, 466-74	3.5	52
498	Tetraiodothyroacetic acid and tetraiodothyroacetic acid nanoparticle effectively inhibit the growth of human follicular thyroid cell carcinoma. <i>Thyroid</i> , 2010 , 20, 281-6	6.2	52
497	Antiangiogenic and antimetastatic properties of Neovastat (AE-941), an orally active extract derived from cartilage tissue. <i>Clinical and Experimental Metastasis</i> , 2002 , 19, 145-53	4.7	52
496	Self-assembly of green tea catechin derivatives in nanoparticles for oral lycopene delivery. <i>Journal of Controlled Release</i> , 2017 , 248, 117-124	11.7	51
495	Mechanisms of drug resistance in <i>Mycobacterium tuberculosis</i> and current status of rapid molecular diagnostic testing. <i>Acta Tropica</i> , 2011 , 119, 5-10	3.2	51

494	Novel function of the thyroid hormone analog tetraiodothyroacetic acid: a cancer chemosensitizing and anti-cancer agent. <i>Angiogenesis</i> , 2008 , 11, 269-76	10.6	51
493	Actions of l-thyroxine and Nano-diamino-tetrac (Nanotetrac) on PD-L1 in cancer cells. <i>Steroids</i> , 2016 , 114, 59-67	2.8	50
492	Nanoencapsulation of pomegranate bioactive compounds for breast cancer chemoprevention. <i>International Journal of Nanomedicine</i> , 2015 , 10, 475-84	7.3	50
491	Cancer detection and treatment: the role of nanomedicines. <i>Molecular Biotechnology</i> , 2009 , 42, 358-66	3	49
490	Sulfonation of papain-treated chitosan and its mechanism for anticoagulant activity. <i>Carbohydrate Research</i> , 2009 , 344, 1190-6	2.9	49
489	Novel nonpeptide antiplatelet glycoprotein IIb/IIIa receptor antagonist, DMP754: receptor binding affinity and specificity. <i>Coronary Artery Disease</i> , 1996 , 7, 767-74	1.4	48
488	Microvesicle removal of anticancer drugs contributes to drug resistance in human pancreatic cancer cells. <i>Oncotarget</i> , 2016 , 7, 50365-50379	3.3	48
487	Anti-angiogenic mechanisms and efficacy of the low molecular weight heparin, tinzaparin: anti-cancer efficacy. <i>Oncology Reports</i> , 2004 , 12, 683-8	3.5	48
486	Thyroid Hormone, Hormone Analogs, and Angiogenesis. <i>Comprehensive Physiology</i> , 2015 , 6, 353-62	7.7	47
485	Reduction of painful vaso-occlusive crisis of sickle cell anaemia by tinzaparin in a double-blind randomized trial. <i>Thrombosis and Haemostasis</i> , 2007 , 98, 392-6	7	47
484	Date (Phoenix dactylifera) Polyphenolics and Other Bioactive Compounds: A Traditional Islamic Remedy's Potential in Prevention of Cell Damage, Cancer Therapeutics and Beyond. <i>International Journal of Molecular Sciences</i> , 2015 , 16, 30075-90	6.3	46
483	Control of the heparosan N-deacetylation leads to an improved bioengineered heparin. <i>Applied Microbiology and Biotechnology</i> , 2011 , 91, 91-9	5.7	46
482	Studies with an orally bioavailable alpha V integrin antagonist in animal models of ocular vasculopathy: retinal neovascularization in mice and retinal vascular permeability in diabetic rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008 , 324, 894-901	4.7	46
481	The alpha v integrin antagonists as novel anticancer agents: an update. <i>Expert Opinion on Investigational Drugs</i> , 2002 , 11, 1765-74	5.9	46
480	Cathepsin L inhibition suppresses drug resistance in vitro and in vivo: a putative mechanism. <i>American Journal of Physiology - Cell Physiology</i> , 2009 , 296, C65-74	5.4	45
479	Mini-review: Cell surface receptor for thyroid hormone and nongenomic regulation of ion fluxes in excitable cells. <i>Physiology and Behavior</i> , 2010 , 99, 237-9	3.5	44
478	Lipid Nanoparticles and their Application in Nanomedicine. <i>Current Pharmaceutical Biotechnology</i> , 2016 , 17, 662-72	2.6	44
477	Antithrombotic effects of naturally derived products on coagulation and platelet function. <i>Methods in Molecular Biology</i> , 2010 , 663, 229-40	1.4	44

476	Protective effects of <i>Morus alba</i> leaves extract on ocular functions of pups from diabetic and hypercholesterolemic mother rats. <i>International Journal of Biological Sciences</i> , 2011 , 7, 715-28	11.2	43
475	Thymoquinone Attenuates Cardiomyopathy in Streptozotocin-Treated Diabetic Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2018 , 2018, 7845681	6.7	43
474	Potential role of naturally derived polyphenols and their nanotechnology delivery in cancer. <i>Molecular Biotechnology</i> , 2013 , 55, 78-86	3	42
473	Current status of vascular endothelial growth factor inhibition in age-related macular degeneration. <i>BioDrugs</i> , 2010 , 24, 183-94	7.9	42
472	The multiple faces of nicotine and its implications in tissue and wound repair. <i>Experimental Dermatology</i> , 2009 , 18, 497-505	4	42
471	Pharmacodynamic modeling of anti-cancer activity of tetraiodothyroacetic acid in a perfused cell culture system. <i>PLoS Computational Biology</i> , 2011 , 7, e1001073	5	42
470	Thyroid hormone-induced angiogenesis. <i>Current Cardiology Reviews</i> , 2009 , 5, 12-6	2.4	42
469	Synthesis and solution conformation of cyclo[RGDRGD]: a cyclic peptide with selectivity for the alpha V beta 3 receptor. <i>Journal of Medicinal Chemistry</i> , 1996 , 39, 4520-6	8.3	42
468	Current primary open-angle glaucoma treatments and future directions. <i>Clinical Ophthalmology</i> , 2012 , 6, 1699-707	2.5	41
467	Role of the proteolytic hierarchy between cathepsin L, cathepsin D and caspase-3 in regulation of cellular susceptibility to apoptosis and autophagy. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2008 , 1783, 2294-300	4.9	41
466	Anti-platelet effects of GPIIb/IIIa and P-selectin antagonism, platelet activation, and binding to neutrophils. <i>Journal of Cardiovascular Pharmacology</i> , 2002 , 40, 296-306	3.1	41
465	Effect of Vitamin D Supplementation on Glucose Control and Inflammatory Response in Type II Diabetes: A Double Blind, Randomized Clinical Trial. <i>International Journal of Endocrinology and Metabolism</i> , 2015 , 13, e22604	1.8	40
464	Lycopene Attenuates Tulathromycin and Diclofenac Sodium-Induced Cardiotoxicity in Mice. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	40
463	Mayer-Rokitansky-Kuster-Hauser syndrome: complications, diagnosis and possible treatment options: a review. <i>Gynecological Endocrinology</i> , 2014 , 30, 618-23	2.4	40
462	Response of human pancreatic cancer cell xenografts to tetraiodothyroacetic acid nanoparticles. <i>Hormones and Cancer</i> , 2013 , 4, 176-85	5	40
461	Overlapping nongenomic and genomic actions of thyroid hormone and steroids. <i>Steroids</i> , 2011 , 76, 829-333		40
460	Natural products for chemopreventive and adjunctive therapy in oncologic disease. <i>Nutrition and Cancer</i> , 2009 , 61, 587-97	2.8	40
459	Acute myeloid leukemia stem cell markers in prognosis and targeted therapy: potential impact of BMI-1, TIM-3 and CLL-1. <i>Oncotarget</i> , 2016 , 7, 57811-57820	3.3	40

458	Vitamin E forms in Alzheimer's disease: a review of controversial and clinical experiences. <i>Critical Reviews in Food Science and Nutrition</i> , 2010 , 50, 414-9	11.5	39
457	Effects of including soy protein in a blood cholesterol-lowering diet on markers of cardiac risk in men and in postmenopausal women with and without hormone replacement therapy. <i>Journal of Women's Health</i> , 2005 , 14, 253-62	3	39
456	Thyroid hormone and anti-apoptosis in tumor cells. <i>Oncotarget</i> , 2015 , 6, 14735-43	3.3	39
455	Novel nanoparticles for the delivery of recombinant hepatitis B vaccine. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2008 , 4, 311-7	6	38
454	Pharmacokinetics and pharmacodynamics of oral heparin solid dosage form in healthy human subjects. <i>Journal of Clinical Pharmacology</i> , 2007 , 47, 1508-20	2.9	38
453	Hypoxia induces differential expression of the integrin receptors alpha(vbeta3) and alpha(vbeta5) in cultured human endothelial cells. <i>Journal of Cellular Biochemistry</i> , 2000 , 78, 674-80	4.7	38
452	Antiplatelet therapies: from aspirin to GPIIb/IIIa-receptor antagonists and beyond. <i>Drug Discovery Today</i> , 1999 , 4, 552-561	8.8	38
451	Thrombospondin mediates calcium mobilization in fibroblasts via its Arg-Gly-Asp and carboxyl-terminal domains. <i>Journal of Biological Chemistry</i> , 1995 , 270, 23747-53	5.4	38
450	Analysis of enkephalins, beta-endorphins and small peptides in their sequences by highly sensitive high-performance liquid chromatography with electrochemical detection: implications in opioid peptide metabolism. <i>Journal of Chromatography A</i> , 1983 , 267, 191-8	4.5	38
449	Protective Roles of Thymoquinone Nanoformulations: Potential Nanonutraceuticals in Human Diseases. <i>Nutrients</i> , 2018 , 10,	6.7	38
448	Identification and functions of the plasma membrane receptor for thyroid hormone analogues. <i>Discovery Medicine</i> , 2011 , 11, 337-47	2.5	38
447	Current management of neuroblastoma and future direction. <i>Critical Reviews in Oncology/Hematology</i> , 2019 , 138, 38-43	7	37
446	Fluid shear regulates the kinetics and receptor specificity of Staphylococcus aureus binding to activated platelets. <i>Journal of Immunology</i> , 2004 , 173, 1258-65	5.3	37
445	Platelet GPIIb/IIIa binding characteristics of small molecule RGD mimetic: distinct binding profile for Roxifiban. <i>British Journal of Pharmacology</i> , 2001 , 133, 331-6	8.6	37
444	Nanotetrac targets integrin $\alpha_5\beta_1$ on tumor cells to disorder cell defense pathways and block angiogenesis. <i>OncoTargets and Therapy</i> , 2014 , 7, 1619-24	4.4	36
443	Crosstalk between integrin $\alpha_5\beta_1$ and ER α contributes to thyroid hormone-induced proliferation of ovarian cancer cells. <i>Oncotarget</i> , 2017 , 8, 24237-24249	3.3	36
442	Evaluation of Angiogenesis Assays. <i>Biomedicines</i> , 2019 , 7,	4.8	35
441	Lycopene treatment against loss of bone mass, microarchitecture and strength in relation to regulatory mechanisms in a postmenopausal osteoporosis model. <i>Bone</i> , 2016 , 83, 127-140	4.7	35

440	Synthesis and biological evaluation of nonpeptide integrin antagonists containing spirocyclic scaffolds. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004 , 14, 383-7	2.9	35
439	Particle coatings but not silver ions mediate genotoxicity of ingested silver nanoparticles in a mouse model. <i>NanoImpact</i> , 2017 , 5, 92-100	5.6	34
438	Microscale isolation and analysis of heparin from plasma using an anion-exchange spin column. <i>Analytical Biochemistry</i> , 2006 , 353, 284-6	3.1	34
437	Current status and future direction in the management of malignant melanoma. <i>Melanoma Research</i> , 2017 , 27, 403-410	3.3	33
436	Comparative effectiveness of aflibercept for the treatment of patients with neovascular age-related macular degeneration. <i>Clinical Ophthalmology</i> , 2013 , 7, 495-501	2.5	33
435	Small molecule alpha(v) integrin antagonists: novel anticancer agents. <i>Expert Opinion on Investigational Drugs</i> , 2000 , 9, 1271-9	5.9	33
434	Oral antiplatelet, antithrombotic efficacy of DMP 728, a novel platelet GPIIb/IIIa antagonist. <i>Circulation</i> , 1996 , 93, 537-43	16.7	33
433	Anti-CD24 nano-targeted delivery of docetaxel for the treatment of prostate cancer. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017 , 13, 263-273	6	32
432	Downregulation of Bmi1 in breast cancer stem cells suppresses tumor growth and proliferation. <i>Oncotarget</i> , 2017 , 8, 38731-38742	3.3	32
431	Orally Active Isoxazoline GPIIb/IIIa Antagonists. <i>Cardiovascular Drug Reviews</i> , 1998 , 16, 48-61		32
430	Ionic liquid-derived blood-compatible composite membranes for kidney dialysis. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2006 , 79, 298-304	3.5	32
429	Orally active isoxazoline glycoprotein IIb/IIIa antagonists with extended duration of action. <i>Journal of Medicinal Chemistry</i> , 1999 , 42, 1178-92	8.3	32
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