

Alexander G Panossian

List of Publications by Year in descending order

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82
papers

5,300
citations

108046

37
h-index

93651

72
g-index

86
all docs

86
docs citations

86
times ranked

4704
citing authors

#	ARTICLE	IF	CITATIONS
1	Pharmacology of Schisandra chinensis Bail.: An overview of Russian research and uses in medicine. Journal of Ethnopharmacology, 2008, 118, 183-212.	2.0	465
2	Rosenroot (Rhodiola rosea): Traditional use, chemical composition, pharmacology and clinical efficacy. Phytomedicine, 2010, 17, 481-493.	2.3	452
3	Herbal medicine for depression, anxiety and insomnia: A review of psychopharmacology and clinical evidence. European Neuropsychopharmacology, 2011, 21, 841-860.	0.3	372
4	Rhodiola rosea in stress induced fatigue – A double blind cross-over study of a standardized extract SHR-5 with a repeated low-dose regimen on the mental performance of healthy physicians during night duty. Phytomedicine, 2000, 7, 365-371.	2.3	233
5	Pharmacokinetic and oral bioavailability of andrographolide from Andrographis paniculata fixed combination Kan Jang in rats and human. Phytomedicine, 2000, 7, 351-364.	2.3	186
6	Clinical trial of <i>Rhodiola rosea</i> L. extract SHR-5 in the treatment of mild to moderate depression. Nordic Journal of Psychiatry, 2007, 61, 343-348.	0.7	173
7	A Randomised, Double-Blind, Placebo-Controlled, Parallel-Group Study of the Standardised Extract SHR-5 of the Roots of <i>Rhodiola rosea</i> in the Treatment of Subjects with Stress-Related Fatigue. Planta Medica, 2009, 75, 105-112.	0.7	170
8	Plant adaptogens III. Earlier and more recent aspects and concepts on their mode of action. Phytomedicine, 1999, 6, 287-300.	2.3	168
9	Stimulating effect of adaptogens: an overview with particular reference to their efficacy following single dose administration. Phytotherapy Research, 2005, 19, 819-838.	2.8	167
10	Effects of Adaptogens on the Central Nervous System and the Molecular Mechanisms Associated with Their Stress-Protective Activity. Pharmaceuticals, 2010, 3, 188-224.	1.7	164
11	Evolution of the adaptogenic concept from traditional use to medical systems: Pharmacology of stress- and aging-related diseases. Medicinal Research Reviews, 2021, 41, 630-703.	5.0	156
12	Evidence-Based Efficacy of Adaptogens in Fatigue, and Molecular Mechanisms Related to their Stress-Protective Activity. Current Clinical Pharmacology, 2009, 4, 198-219.	0.2	136
13	Inhibitory effect of andrographolide from Andrographis paniculata on PAF-induced platelet aggregation. Phytomedicine, 1999, 6, 27-31.	2.3	131
14	The New Medical “Missionaries” Grooming the Next Generation of Global Health Workers. New England Journal of Medicine, 2006, 354, 1771-1773.	13.9	117
15	A double blind, placebo-controlled study of Andrographis paniculata fixed combination Kan Jang in the treatment of acute upper respiratory tract infections including sinusitis. Phytomedicine, 2002, 9, 589-597.	2.3	113
16	Understanding adaptogenic activity: specificity of the pharmacological action of adaptogens and other phytochemicals. Annals of the New York Academy of Sciences, 2017, 1401, 49-64.	1.8	96
17	Efficacy and safety of curcumin in combination with paclitaxel in patients with advanced, metastatic breast cancer: A comparative, randomized, double-blind, placebo-controlled clinical trial. Phytomedicine, 2020, 70, 153218.	2.3	94
18	Adaptogens exert a stress-protective effect by modulation of expression of molecular chaperones. Phytomedicine, 2009, 16, 617-622.	2.3	88

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19	Comparative study of Rhodiola preparations on behavioral despair of rats. <i>Phytomedicine</i> , 2008, 15, 84-91.	2.3	84
20	Rhodiola rosea L. as a putative botanical antidepressant. <i>Phytomedicine</i> , 2016, 23, 770-783.	2.3	84
21	Botanical drugs and supplements affecting the immune response in the time of COVID-19: Implications for research and clinical practice. <i>Phytotherapy Research</i> , 2021, 35, 3013-3031.	2.8	81
22	Novel molecular mechanisms for the adaptogenic effects of herbal extracts on isolated brain cells using systems biology. <i>Phytomedicine</i> , 2018, 50, 257-284.	2.3	77
23	Mechanism of action of Rhodiola, salidroside, tyrosol and triandrin in isolated neuroglial cells: An interactive pathway analysis of the downstream effects using RNA microarray data. <i>Phytomedicine</i> , 2014, 21, 1325-1348.	2.3	67
24	Effect of Andrographolide and Kan Jang " fixed combination of extract SHA-10 and extract SHE-3 " on proliferation of human lymphocytes, production of cytokines and immune activation markers in the whole blood cells culture. <i>Phytomedicine</i> , 2002, 9, 598-605.	2.3	66
25	Adaptogens: Tonic Herbs for Fatigue and Stress. <i>Alternative and Complementary Therapies</i> , 2003, 9, 327-331.	0.1	63
26	Adaptogens in Mental and Behavioral Disorders. <i>Psychiatric Clinics of North America</i> , 2013, 36, 49-64.	0.7	58
27	On the mechanism of biosynthesis of leukotrienes and related compounds. <i>FEBS Letters</i> , 1982, 150, 511-513.	1.3	55
28	Effects of heavy physical exercise and adaptogens on nitric oxide content in human saliva. <i>Phytomedicine</i> , 1999, 6, 17-26.	2.3	51
29	Double-blind, placebo-controlled, randomised study of single dose effects of ADAPT-232 on cognitive functions. <i>Phytomedicine</i> , 2010, 17, 494-499.	2.3	51
30	Adaptogens Stimulate Neuropeptide Y and Hsp72 Expression and Release in Neuroglia Cells. <i>Frontiers in Neuroscience</i> , 2012, 6, 6.	1.4	51
31	Synergy and Antagonism of Active Constituents of ADAPT-232 on Transcriptional Level of Metabolic Regulation of Isolated Neuroglial Cells. <i>Frontiers in Neuroscience</i> , 2013, 7, 16.	1.4	50
32	Impact of Chisan® (ADAPT-232) on the quality-of-life and its efficacy as an adjuvant in the treatment of acute non-specific pneumonia. <i>Phytomedicine</i> , 2005, 12, 723-729.	2.3	45
33	Double-blind, placebo-controlled, randomized, pilot clinical trial of ImmunoGuard® " a standardized fixed combination of <i>Andrographis paniculata</i> Nees, with <i>Eleutherococcus senticosus</i> Maxim, <i>Schizandra chinensis</i> Bail. and <i>Glycyrrhiza glabra</i> L. extracts in patients with Familial Mediterranean Fever. <i>Phytomedicine</i> , 2003, 10, 271-285.	2.3	43
34	The Adaptogens Rhodiola and Schizandra Modify the Response to Immobilization Stress in Rabbits by Suppressing the Increase of Phosphorylated Stress-activated Protein Kinase, Nitric Oxide and Cortisol. <i>Drug Target Insights</i> , 2007, 2, 117739280700200.	0.9	43
35	A phase I clinical study of <i>Andrographis paniculata</i> fixed combination Kan Jang®, versus ginseng and valerian on the semen quality of healthy male subjects. <i>Phytomedicine</i> , 2005, 12, 403-409.	2.3	41
36	Analysis of Aromatic Aldehydes in Brandy and Wine by High-Performance Capillary Electrophoresis. <i>Analytical Chemistry</i> , 2001, 73, 4379-4383.	3.2	40

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37	Immunosuppressive effects of hypericin on stimulated human leukocytes: inhibition of the arachidonic acid release, leukotriene B4 and Interleukin-1 β production, and activation of nitric oxide formation. <i>Phytomedicine</i> , 1996, 3, 19-28.	2.3	34
38	Effects of anti-inflammatory and adaptogenic herbal extracts on gene expression of eicosanoids signaling pathways in isolated brain cells. <i>Phytomedicine</i> , 2019, 60, 152881.	2.3	34
39	The Role of Adaptogens in Prophylaxis and Treatment of Viral Respiratory Infections. <i>Pharmaceuticals</i> , 2020, 13, 236.	1.7	32
40	Evaluation of molecular chaperons Hsp72 and neuropeptide Y as characteristic markers of adaptogenic activity of plant extracts. <i>Phytomedicine</i> , 2013, 20, 1323-1329.	2.3	31
41	On the mechanism of action of plant adaptogens with particular reference to Cucurbitacin R diglucoside. <i>Phytomedicine</i> , 1999, 6, 147-155.	2.3	30
42	Synergy assessment of fixed combinations of Herba Andrographidis and Radix Eleutherococci extracts by transcriptome-wide microarray profiling. <i>Phytomedicine</i> , 2015, 22, 981-992.	2.3	30
43	Randomized trial of a fixed combination (KanJang [®]) of herbal extracts containing Adhatoda vasica, Echinacea purpurea and Eleutherococcus senticosus in patients with upper respiratory tract infections. <i>Phytomedicine</i> , 2005, 12, 539-547.	2.3	29
44	Pharmacokinetic and pharmacodynamic study of interaction of <i>Rhodiola rosea</i> extract with warfarin and theophylline in rats. <i>Phytotherapy Research</i> , 2009, 23, 351-357.	2.8	29
45	Curcumin downregulates expression of opioid-related nociceptin receptor gene (OPRL1) in isolated neuroglia cells. <i>Phytomedicine</i> , 2018, 50, 285-299.	2.3	29
46	Assessing the Quality and Potential Efficacy of Commercial Extracts of <i>Rhodiola rosea</i> L. by Analyzing the Salidroside and Rosavin Content and the Electrophysiological Activity in Hippocampal Long-Term Potentiation, a Synaptic Model of Memory. <i>Frontiers in Pharmacology</i> , 2018, 9, 425.	1.6	29
47	Methods of phytochemical standardisation of rhizoma <i>Cimicifugae racemosae</i> . <i>Phytochemical Analysis</i> , 2004, 15, 100-108.	1.2	27
48	Hsp72 (HSPA1A) Prevents Human Islet Amyloid Polypeptide Aggregation and Toxicity: A New Approach for Type 2 Diabetes Treatment. <i>PLoS ONE</i> , 2016, 11, e0149409.	1.1	27
49	Plant adaptogens. II. Bryonia as an adaptogen. <i>Phytomedicine</i> , 1997, 4, 85-99.	2.3	25
50	Pharmacological activity of phenylpropanoids of the mistletoe, <i>Viscum album</i> L., host: <i>Pyrus caucasica</i> Fed. <i>Phytomedicine</i> , 1998, 5, 11-17.	2.3	23
51	The adaptogens rhodiola and schizandra modify the response to immobilization stress in rabbits by suppressing the increase of phosphorylated stress-activated protein kinase, nitric oxide and cortisol. <i>Drug Target Insights</i> , 2007, 2, 39-54.	0.9	23
52	Restoration of the Disordered Glucose-Fatty Acid Cycle in Alloxan-Diabetic Rats by Trihydroxyoctadecadienoic Acids from <i>Bryonia alba</i> , a Native Armenian Medicinal Plant. <i>Planta Medica</i> , 1998, 64, 417-422.	0.7	22
53	Adaptogens in chemobrain (Part I): Plant extracts attenuate cancer chemotherapy-induced cognitive impairment – Transcriptome-wide microarray profiles of neuroglia cells. <i>Phytomedicine</i> , 2019, 55, 80-91.	2.3	22
54	Efficacy of Slim339 [®] in reducing body weight of overweight and obese human subjects. <i>Phytotherapy Research</i> , 2007, 21, 1177-1181.	2.8	19

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55	Effect of <i>Andrographis paniculata</i> extract on progesterone in blood plasma of pregnant rats. <i>Phytomedicine</i> , 1999, 6, 157-161.	2.3	17
56	The effect of Kan Jang extract on the pharmacokinetics and pharmacodynamics of warfarin in rats. <i>Phytomedicine</i> , 2006, 13, 318-323.	2.3	16
57	Efficacy of <i>Panax ginseng</i> Meyer Herbal Preparation HRG80 in Preventing and Mitigating Stress-Induced Failure of Cognitive Functions in Healthy Subjects: A Pilot, Randomized, Double-Blind, Placebo-Controlled Crossover Trial. <i>Pharmaceuticals</i> , 2020, 13, 57.	1.7	15
58	Plasma nitric oxide level in familial Mediterranean fever and its modulations by Immuno-Guard. <i>Nitric Oxide - Biology and Chemistry</i> , 2003, 9, 103-110.	1.2	13
59	Synergy assessments of plant extracts used in the treatment of stress and aging-related disorders. <i>Synergy</i> , 2018, 7, 39-48.	1.1	13
60	Adaptogens in chemobrain (Part III): Antitoxic effects of plant extracts towards cancer chemotherapy-induced toxicity - transcriptome-wide microarray analysis of neuroglia cells. <i>Phytomedicine</i> , 2019, 56, 246-260.	2.3	12
61	Network Pharmacology of Ginseng (Part II): The Differential Effects of Red Ginseng and Ginsenoside Rg5 in Cancer and Heart Diseases as Determined by Transcriptomics. <i>Pharmaceuticals</i> , 2021, 14, 1010.	1.7	11
62	Efficacy of <i>Andrographis paniculata</i> in Upper Respiratory Tract Infectious Diseases and the Mechanism of Action. , 2013, , 137-179.		10
63	Oxyradical-mediated chromosome damage in patients with familial mediterranean fever. <i>Free Radical Biology and Medicine</i> , 1993, 15, 265-271.	1.3	9
64	From Traditional to Evidence-Based Use of <i>Hippophae rhamnoides</i> L.: Chemical Composition, Experimental, and Clinical Pharmacology of Sea Buckthorn Berries and Leaves Extracts. , 2013, , 181-236.		9
65	<i>Actaea racemosa</i> L. Is More Effective in Combination with <i>Rhodiola rosea</i> L. for Relief of Menopausal Symptoms: A Randomized, Double-Blind, Placebo-Controlled Study. <i>Pharmaceuticals</i> , 2020, 13, 102.	1.7	9
66	Efficacy of Adaptogens in Patients with Long COVID-19: A Randomized, Quadruple-Blind, Placebo-Controlled Trial. <i>Pharmaceuticals</i> , 2022, 15, 345.	1.7	9
67	Adaptogens in chemobrain (Part II): Effect of plant extracts on chemotherapy-induced cytotoxicity in neuroglia cells. <i>Phytomedicine</i> , 2019, 58, 152743.	2.3	8
68	Early intervention with Kan Jang® to treat upper-respiratory tract infections: A randomized, quadruple-blind study. <i>Journal of Traditional and Complementary Medicine</i> , 2021, 11, 552-562.	1.5	8
69	Effects of an Adaptogenic Extract on Electrical Activity of the Brain in Elderly Subjects with Mild Cognitive Impairment: A Randomized, Double-Blind, Placebo-Controlled, Two-Armed Cross-Over Study. <i>Pharmaceuticals</i> , 2020, 13, 45.	1.7	6
70	Network Pharmacology of Red Ginseng (Part I): Effects of Ginsenoside Rg5 at Physiological and Sub-Physiological Concentrations. <i>Pharmaceuticals</i> , 2021, 14, 999.	1.7	6
71	Adaptogens in chemobrain (part IV): adaptogenic plants prevent the chemotherapeutics-induced imbalance of redox homeostasis by modulation of expression of genes encoding Nrf2-mediated signaling proteins and antioxidant, metabolizing, detoxifying enzymes in neuroglia cells. <i>Longhua Chinese Medicine</i> , 0. 3. 4-4.	0.5	6
72	Effects of Red and White Ginseng Preparations on Electrical Activity of the Brain in Elderly Subjects: A Randomized, Double-Blind, Placebo-Controlled, Three-Armed Cross-Over Study. <i>Pharmaceuticals</i> , 2021, 14, 182.	1.7	5

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73	Trihydroxyoctadecadienoic acids exhibit antiatherosclerotic and antiatherogenic activity. <i>Phytomedicine</i> , 1994, 1, 123-126.	2.3	4
74	Molecular Chaperones as Mediators of Stress Protective Effect of Plant Adaptogens. <i>Heat Shock Proteins</i> , 2010, , 351-364.	0.2	4
75	Marchantin B from the liverwort <i>Marchantia polymorpha</i> selectively inhibits the biosynthesis of 5-lipoxygenase products and the release of arachidonic acid in Ca ²⁺ ionophore A 23187 stimulated human granulocytes. <i>Phytomedicine</i> , 1996, 2, 309-311.	2.3	2
76	Dose-dependent reversal effects of Capsaicin on Interleukin-1 β production is associated with the metabolism of arachidonic acid (leukotriene B4 and prostaglandin E2) as well as nitric oxide production in human leukocytes. <i>Phytomedicine</i> , 1996, 3, 169-174.	2.3	1
77	Beditine, a new benzodioxane derivative, as a suppressor of human polymorphonuclear leukocyte and platelet activation. <i>Biochemical Pharmacology</i> , 1997, 53, 1753-1755.	2.0	1
78	Comparative Study of Femineral [®] and Floradix [®] in Women of Child-Bearing Age and Adolescent Girls with Iron Deficiency Anaemia. <i>Scientia Pharmaceutica</i> , 2008, 76, 725-742.	0.7	1
79	Panax Ginseng Meyer Herbal Preparation HRG80 For Preventing And Mitigating Stress-Induced Failure Of Cognitive Functions In Healthy Subjects. <i>Alternative Complementary & Integrative Medicine</i> , 2020, 6, 1-10.	0.1	1
80	<i>Phytomedicine</i> mourns the death of its founding editor Professor Hildebert Wagner. <i>Phytomedicine</i> , 2022, 95, 153896.	2.3	1
81	Dose dependent reversal effects of plumbagin on metabolism of arachidonic acid in porcine polymorphonuclear leukocytes. <i>Phytomedicine</i> , 1995, 1, 291-298.	2.3	0
82	The pseudoendogenous anabolic steroid 1,4-androstadiene-3,17-dione does not occur naturally in <i>Rhodiola rosea</i> L. radix and rhizome. <i>Phytochemistry Letters</i> , 2018, 23, 155-163.	0.6	0