

Anurag Varshney

List of Publications by Year in descending order

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73
papers

1,128
citations

471509

17
h-index

477307

29
g-index

78
all docs

78
docs citations

78
times ranked

1154
citing authors

#	ARTICLE	IF	CITATIONS
1	Elevated Testosterone Induces Apoptosis in Neuronal Cells. <i>Journal of Biological Chemistry</i> , 2006, 281, 25492-25501.	3.4	134
2	Neuronal calcium sensor-1 enhancement of InsP3 receptor activity is inhibited by therapeutic levels of lithium. <i>Journal of Clinical Investigation</i> , 2006, 116, 1668-1674.	8.2	126
3	Withanone from <i>Withania somnifera</i> Attenuates SARS-CoV-2 RBD and Host ACE2 Interactions to Rescue Spike Protein Induced Pathologies in Humanized Zebrafish Model. <i>Drug Design, Development and Therapy</i> , 2021, Volume 15, 1111-1133.	4.3	69
4	Randomized placebo-controlled pilot clinical trial on the efficacy of ayurvedic treatment regime on COVID-19 positive patients. <i>Phytomedicine</i> , 2021, 84, 153494.	5.3	63
5	Anti-Acetylcholinesterase Activities of Mono-Herbal Extracts and Exhibited Synergistic Effects of the Phytoconstituents: A Biochemical and Computational Study. <i>Molecules</i> , 2019, 24, 4175.	3.8	39
6	Resting membrane potential as a marker of apoptosis: studies on <i>Xenopus</i> oocytes microinjected with cytochrome c . <i>Cell Death and Differentiation</i> , 2001, 8, 63-69.	11.2	35
7	Application of Humanized Zebrafish Model in the Suppression of SARS-CoV-2 Spike Protein Induced Pathology by Tri-Herbal Medicine Coronil via Cytokine Modulation. <i>Molecules</i> , 2020, 25, 5091.	3.8	35
8	Calcio-herbal formulation, Divya-Swasari-Ras, alleviates chronic inflammation and suppresses airway remodelling in mouse model of allergic asthma by modulating pro-inflammatory cytokine response. <i>Biomedicine and Pharmacotherapy</i> , 2020, 126, 110063.	5.6	33
9	Giloy Ghanvati (<i>Tinospora cordifolia</i> (Willd.) Hook. f. and Thomson) Reversed SARS-CoV-2 Viral Spike-Protein Induced Disease Phenotype in the Xenotransplant Model of Humanized Zebrafish. <i>Frontiers in Pharmacology</i> , 2021, 12, 635510.	3.5	33
10	Super Critical Fluid Extracted Fatty Acids from <i>Withania somnifera</i> Seeds Repair Psoriasis-Like Skin Lesions and Attenuate Pro-Inflammatory Cytokines (TNF- α and IL-6) Release. <i>Biomolecules</i> , 2020, 10, 185.	4.0	30
11	Coronil, a Tri-Herbal Formulation, Attenuates Spike-Protein-Mediated SARS-CoV-2 Viral Entry into Human Alveolar Epithelial Cells and Pro-Inflammatory Cytokines Production by Inhibiting Spike Protein-ACE-2 Interaction. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 869-884.	3.5	28
12	Phytochemical Profile, Pharmacological Attributes and Medicinal Properties of <i>Convolvulus prostratus</i> – A Cognitive Enhancer Herb for the Management of Neurodegenerative Etiologies. <i>Frontiers in Pharmacology</i> , 2020, 11, 171.	3.5	27
13	Tinocordiside from <i>Tinospora cordifolia</i> (Giloy) May Curb SARS-CoV-2 Contagion by Disrupting the Electrostatic Interactions between Host ACE2 and Viral S-Protein Receptor Binding Domain. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2021, 24, 1795-1802.	1.1	27
14	Herbo-mineral formulation – Ashwashila™ attenuates rheumatoid arthritis symptoms in collagen-antibody-induced arthritis (CAIA) mice model. <i>Scientific Reports</i> , 2019, 9, 8025.	3.3	25
15	BTK-2, a new inhibitor of the Kv1.1 potassium channel purified from Indian scorpion <i>Buthus tamulus</i> . <i>FEBS Letters</i> , 2003, 539, 7-13.	2.8	22
16	Anti-Inflammatory and Anti-Arthritic Efficacies of an Indian Traditional Herbo-Mineral Medicine – Divya Amvatari Ras – in Collagen Antibody-Induced Arthritis (CAIA) Mouse Model Through Modulation of IL-6/IL-1 β /TNF- α /NF- κ B Signaling. <i>Frontiers in Pharmacology</i> , 2019, 10, 659.	3.5	21
17	Comparative retrospective open-label study of ayurvedic medicines and their combination with allopathic drugs on asymptomatic and mildly-symptomatic COVID-19 patients. <i>Journal of Herbal Medicine</i> , 2021, 29, 100472.	2.0	20
18	Cytokines Driven Anti-Inflammatory and Anti-Psoriasis Like Efficacies of Nutraceutical Sea Buckthorn (<i>Hippophae rhamnoides</i>) Oil. <i>Frontiers in Pharmacology</i> , 2019, 10, 1186.	3.5	19

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19	Herbal decoction Divya-Swasari-Kwath attenuates airway inflammation and remodeling through Nrf-2 mediated antioxidant lung defence in mouse model of allergic asthma. <i>Phytomedicine</i> , 2020, 78, 153295.	5.3	18
20	Long Noncoding RNA RP11-380D23.2 Drives Distal-Proximal Patterning of the Lung by Regulating PITX2 Expression. <i>Stem Cells</i> , 2018, 36, 218-229.	3.2	16
21	Comprehensive and Rapid Quality Evaluation Method for the Ayurvedic Medicine Divya-Swasari-Vati Using Two Analytical Techniques: UPLC/QToF MS and HPLC-DAD. <i>Pharmaceuticals</i> , 2021, 14, 297.	3.8	15
22	Calcio-Herbal Medicine Divya-Swasari-Vati Ameliorates SARS-CoV-2 Spike Protein-Induced Pathological Features and Inflammation in Humanized Zebrafish Model by Moderating IL-6 and TNF- α Cytokines. <i>Journal of Inflammation Research</i> , 2020, Volume 13, 1219-1243.	3.5	15
23	Dopaminergic-primed fetal liver mesenchymal stromal-like cells can reverse parkinsonian symptoms in 6-hydroxydopamine-lesioned mice. <i>Cytotherapy</i> , 2016, 18, 307-319.	0.7	13
24	Intracellular Ca ²⁺ Signaling and Human Disease. <i>Neuron</i> , 2003, 39, 195-197.	8.1	12
25	Phytometabolite profiling of Coronil, a herbal medicine for COVID-19, its identification by mass spectroscopy and quality validation on liquid chromatographic platforms. <i>Journal of Separation Science</i> , 2021, 44, 4064-4081.	2.5	11
26	Transplanting the N-terminus from Kv1.4 to Kv1.1 generates an inwardly rectifying K ⁺ channel. <i>NeuroReport</i> , 1999, 10, 237-241.	1.2	10
27	Tri-Herbal Medicine Divya Sarva-Kalp-Kwath (Livogrit) Regulates Fatty Acid-Induced Steatosis in Human HepG2 Cells through Inhibition of Intracellular Triglycerides and Extracellular Glycerol Levels. <i>Molecules</i> , 2020, 25, 4849.	3.8	10
28	Herbal Decoction Divya-Peedantak-Kwath Alleviates Allodynia and Hyperalgesia in Mice Model of Chemotherapy-Induced Peripheral Neuropathy via Modulation in Cytokine Response. <i>Frontiers in Pharmacology</i> , 2020, 11, 566490.	3.5	10
29	Polyherbal Medicine Divya Sarva-Kalp-Kwath Ameliorates Persistent Carbon Tetrachloride Induced Biochemical and Pathological Liver Impairments in Wistar Rats and in HepG2 Cells. <i>Frontiers in Pharmacology</i> , 2020, 11, 288.	3.5	9
30	Validation of a Novel Zebrafish Model of Dengue Virus (DENV-3) Pathology Using the Pentaherbal Medicine Denguenil Vati. <i>Biomolecules</i> , 2020, 10, 971.	4.0	9
31	Application of Zebrafish Model in the Suppression of Drug-Induced Cardiac Hypertrophy by Traditional Indian Medicine Yogendra Ras. <i>Biomolecules</i> , 2020, 10, 600.	4.0	9
32	Mechanistic Paradigms of Natural Plant Metabolites as Remedial Candidates for Systemic Lupus Erythromatosus. <i>Cells</i> , 2020, 9, 1049.	4.1	8
33	Exploring the Architecture of Potassium Channels Using Chim α 1ras to Reveal Signal Transduction. <i>Bioscience Reports</i> , 1999, 19, 301-306.	2.4	7
34	Modulation of voltage sensitivity by N-terminal cytoplasmic residues in human Kv1.2 channels. <i>European Biophysics Journal</i> , 2002, 31, 365-372.	2.2	7
35	Livogrit ameliorates acetaldehyde-induced steatosis in HepG2 cells through modulation of lipogenesis and β -oxidation pathways. <i>Phytomedicine Plus</i> , 2021, 1, 100067.	2.0	7
36	GermiX: A skin friendly hand sanitizer with prolonged effectivity against pathogenic bacteria. <i>AMB Express</i> , 2020, 10, 210.	3.0	7

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37	Livogrit Prevents Methionine-Cystine Deficiency Induced Nonalcoholic Steatohepatitis by Modulation of Steatosis and Oxidative Stress in Human Hepatocyte-Derived Spheroid and in Primary Rat Hepatocytes. <i>Bioengineered</i> , 2022, 13, 10811-10826.	3.2	7
38	Withanolides from <i>Withania somnifera</i> Ameliorate Neutrophil Infiltration in Endotoxin-Induced Peritonitis by Regulating Oxidative Stress and Inflammatory Cytokines. <i>Planta Medica</i> , 2022, 88, 466-478.	1.3	6
39	Development and validation of a rapid high-performance thin-layer chromatographic method for quantification of gallic acid, cinnamic acid, piperine, eugenol, and glycyrrhizin in <i>Divya Swasari Vati</i> , an ayurvedic medicine for respiratory ailments. <i>Journal of Separation Science</i> , 2021, 44, 3146-3157.	2.5	6
40	Cytoplasmic residues influence the voltage-dependence of the gating of human K ⁺ channels. <i>NeuroReport</i> , 2000, 11, 2913-2917.	1.2	5
41	Inward and outward potassium currents through the same chimeric human Kv channel. <i>European Biophysics Journal</i> , 2003, 32, 113-121.	2.2	5
42	A tale of two tails: cytosolic termini and K ⁺ channel function. <i>Progress in Biophysics and Molecular Biology</i> , 2003, 83, 153-170.	2.9	5
43	Arranging the elements of the potassium channel: the T1 domain occludes the cytoplasmic face of the channel. <i>European Biophysics Journal</i> , 2004, 33, 370-6.	2.2	5
44	N type rapid inactivation in human Kv1.4 channels: functional role of a putative C-terminal helix. <i>Molecular Membrane Biology</i> , 2005, 22, 389-400.	2.0	5
45	Influence of Patient-Reported Treatment Satisfaction on Psychological Health and Quality of Life Among Patients Receiving Divya-Swasari-Coronil-Kit Against COVID-19: Findings from a Cross-Sectional "SATISFACTION COVID" Survey. <i>Patient Preference and Adherence</i> , 2021, Volume 15, 899-909.	1.8	5
46	Effects of fatty acids in super critical fluid extracted fixed oil from <i>Withania somnifera</i> seeds on Gram-negative <i>Salmonella enterica</i> biofilms. <i>Phytomedicine Plus</i> , 2021, 1, 100047.	2.0	5
47	<i>Withania somnifera</i> (L.) Dunal whole-plant extract demonstrates acceptable non-clinical safety in rat 28-day subacute toxicity evaluation under GLP-compliance. <i>Scientific Reports</i> , 2022, 12, .	3.3	5
48	Supercritical Fluid Extract of <i>Putranjiva roxburghii</i> Wall. Seeds Mitigates Fertility Impairment in a Zebrafish Model. <i>Molecules</i> , 2021, 26, 1020.	3.8	4
49	<i>Anu taila</i> , an herbal nasal drop, suppresses mucormycosis by regulating host TNF- α response and fungal ergosterol biosynthesis. <i>Journal of Applied Microbiology</i> , 2022, 132, 3355-3374.	3.1	4
50	<i>Withania somnifera</i> (L.) Dunal whole-plant extracts exhibited anti-sporotrichotic effects by destabilizing peripheral integrity of <i>Sporothrix globosa</i> yeast cells. <i>PLoS Neglected Tropical Diseases</i> , 2022, 16, e0010484.	3.0	4
51	Apparent Hepatotoxicity of Giloy (<i>Tinospora cordifolia</i>): Far From What Meets the Eyes. <i>Journal of Clinical and Experimental Hepatology</i> , 2022, 12, 239-240.	0.9	3
52	Vishaghn Dhoop, Nano-Scale Particles with Detoxifying Medicinal Fume, Exhibits Robust Anti-Microbial Activities: Implications of Disinfection Potentials of a Traditional Ayurvedic Air Sterilization Technique. <i>Journal of Evidence-based Integrative Medicine</i> , 2022, 27, 2515690X2110688.	2.6	3
53	Livogrit, a herbal formulation of <i>Boerhavia diffusa</i> , <i>Phyllanthus niruri</i> and <i>Solanum nigrum</i> reverses the thioacetamide induced hepatocellular toxicity in zebrafish model. <i>Toxicology Reports</i> , 2022, 9, 1056-1064.	3.3	3
54	Phyto-compounds from a rather poisonous plant, <i>Strychnos nux-vomica</i> , show high potency against SARS-CoV-2 RNA-dependent RNA polymerase. <i>Current Molecular Medicine</i> , 2021, 21, .	1.3	2

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55	Biotite-Calc Based Traditional Indian Medicine Sahastraputi-Abhrak-Bhasma Prophylactically Mitigates Allergic Airway Inflammation in a Mouse Model of Asthma by Amending Cytokine Responses. Journal of Inflammation Research, 2021, Volume 14, 4743-4760.	3.5	2
56	Modulation of psoriatic-like skin inflammation by traditional Indian medicine Divya-Kayakalp-Vati and Oil through attenuation of pro-inflammatory cytokines. Journal of Traditional and Complementary Medicine, 2021, , .	2.7	2
57	Divya-Arjuna-Kwath (Terminalia arjuna) and Divya-HridyAmrit-Vati ameliorate isoproterenol-induced hypertrophy in murine cardiomyocytes through modulation of oxidative stress. Phytomedicine Plus, 2021, 1, 100074.	2.0	2
58	Herbo-metallic ethnomedicine "Malla Sindoor"™ ameliorates lung inflammation in murine model of allergic asthma by modulating cytokines status and oxidative stress. Journal of Ethnopharmacology, 2022, 292, 115120.	4.1	2
59	Penta-O-Galloyl-β-D-Glucose in Pistacia integerrima Targets AMPK-ULK1 and ERK/STAT3 Signaling Axes to Induce ROS-Independent Autophagic Cell Death in Human Lung Cancer Cells. Frontiers in Pharmacology, 0, 13, .	3.5	2
60	Chyawanprash, An Ancient Indian Ayurvedic Medicinal Food, Regulates Immune Response in Zebrafish Model of Inflammation by Moderating Inflammatory Biomarkers. Frontiers in Pharmacology, 2021, 12, 751576.	3.5	1
61	Anti-obesity activity of polyherbal formulation Divya-Medohar-Vati by inhibition of pancreatic lipase activity and triglyceride translocation through enterocytes. Phytomedicine Plus, 2022, 2, 100194.	2.0	1
62	Anti-oxidant profile of Divya-Peedantak-Vati abates paclitaxel-induced hyperalgesia and allodynia in CD-1 mice model of neuropathic pain. Phytomedicine Plus, 2022, 2, 100229.	2.0	1
63	Standardization and validation of phyto-metabolites by Ultra-HPLC and high-performance thin layer chromatography for rapid quality assessment of ancient ayurvedic medicine, Mahayograj Guggul. Journal of Separation Science, 2022, , .	2.5	1
64	28-day repeated dose toxicological evaluation of Coronil in Sprague Dawley rats: Behavioral, hematological, biochemical and histopathological assessments under GLP compliance. Drug and Chemical Toxicology, 2022, , 1-14.	2.3	1
65	Super-critical fluid extract of Bryonopsis laciniosa (Shivlingi) seeds restores fertility in zebrafish models through revival of cytological and anatomical features. Journal of Ovarian Research, 2022, 15, 46.	3.0	1
66	Peedanil Gold, Herbo-Mineral Formulation, Moderates Cytokine Levels and Attenuates Pathophysiology in Monosodium Iodoacetate Induced Osteoarthritis in SD Rat Model. Frontiers in Pharmacology, 2022, 13, .	3.5	1
67	Comparative COX I Molecular Docking of Phyto-chemicals (Flavonoids, Alkaloids, Lignans and) Tj ETQq1 1 0.784314 rgBT /Overlock 1 0.571-578.	1.2	0
68	Medicinal Plants for Cardiovascular and Neurodegenerative Aging-related Diseases: From Bench to Bedside. Frontiers Research Topics, 0, , .	0.2	0
69	Front Cover: Phytometabolite profiling of Coronil, a herbal medicine for COVID-19, its identification by mass-spectroscopy and quality validation on liquid chromatographic platforms. Journal of Separation Science, 2021, 44, NA.	2.5	0
70	Divya-Herbal-Peya Decoction Harmonizes the Inflammatory Response in Lipopolysaccharide-Induced Zebrafish Model. Journal of Experimental Pharmacology, 2021, Volume 13, 937-955.	3.2	0
71	Comprehensive Phytochemical Profiling of Polyherbal Divya-Kayakalp-Vati and Divya-Kayakalp-Oil and Their Combined Efficacy in Mouse Model of Atopic Dermatitis-Like Inflammation Through Regulation of Cytokines. Clinical, Cosmetic and Investigational Dermatology, 2022, Volume 15, 293-312.	1.8	0
72	Germi-X herbal-based spray disinfects smartphone surfaces: implication on fomite-mediated infection spread. AMB Express, 2022, 12, 30.	3.0	0

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73	Psychological Impacts of COVID-19 in Dental Patients are Moderated and Mediated by Hospital-Infection-Control-Policy and Satisfaction-with-Life: A Prospective Observational Dental-COVID Study. Psychology Research and Behavior Management, 2022, Volume 15, 913-925.	2.8	0