

Surajit Pathak

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5892029/publications.pdf>

Version: 2024-02-01

93
papers

1,876
citations

304368

22
h-index

301761

39
g-index

101
all docs

101
docs citations

101
times ranked

2314
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of microRNAs in solving COVID-19 puzzle from infection to therapeutics: A mini-review. <i>Virus Research</i> , 2022, 308, 198631.	1.1	47
2	Essentiality, relevance, and efficacy of adjuvant/combinational therapy in the management of thyroid dysfunctions. <i>Biomedicine and Pharmacotherapy</i> , 2022, 146, 112613.	2.5	7
3	A Brief Review on the Regulatory Roles of MicroRNAs in Cystic Diseases and Their Use as Potential Biomarkers. <i>Genes</i> , 2022, 13, 191.	1.0	8
4	Role of ER Stress Mediated Unfolded Protein Responses and ER Stress Inhibitors in the Pathogenesis of Inflammatory Bowel Disease. <i>Digestive Diseases and Sciences</i> , 2022, 67, 5392-5406.	1.1	6
5	A Comprehensive Cancer-Associated MicroRNA Expression Profiling and Proteomic Analysis of Human Umbilical Cord Mesenchymal Stem Cell-Derived Exosomes. <i>Tissue Engineering and Regenerative Medicine</i> , 2022, 19, 1013-1031.	1.6	16
6	A Concise Review on the Role of Natural and Synthetically Derived Peptides in Colorectal Cancer. <i>Current Topics in Medicinal Chemistry</i> , 2022, 22, 2571-2588.	1.0	4
7	Making Biomarkers Relevant to Healthcare Innovation and Precision Medicine. <i>Processes</i> , 2022, 10, 1107.	1.3	6
8	Targeting colon cancer stem cells using novel doublecortin like kinase 1 antibody functionalized folic acid conjugated hesperetin encapsulated chitosan nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 217, 112612.	2.5	13
9	Traditional medicine for aging-related disorders: Implications for drug discovery. , 2021, , 281-297.		3
10	A Review of AEG-1 Oncogene Regulating MicroRNA Expression in Colon Cancer Progression. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2021, 21, 27-34.	0.6	8
11	Silencing of Astrocyte Elevated Gene-1 (AEG-1) inhibits the proliferative and invasive potential through interaction with Exostosin-1 (EXT-1) in primary and metastatic colon cancer cells. <i>Biocell</i> , 2021, 45, 563-576.	0.4	1
12	Emerging Importance of microRNA in Early Detection of Colorectal Cancer. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2021, 21, 2-3.	0.6	4
13	Beyond Physical Exercise: The Role of Nutrition, Gut Microbiota and Nutraceutical Supplementation in Reducing Age-Related Sarcopenia. <i>Current Aging Science</i> , 2021, 14, 94-104.	0.4	4
14	Current Understanding of Epigenetics Driven Therapeutic Strategies in Colorectal Cancer Management. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2021, 21, .	0.6	6
15	Over-Expression of MicroRNA-122 Inhibits Proliferation and Induces Apoptosis in Colon Cancer Cells. <i>MicroRNA (Sharjah, United Arab Emirates)</i> , 2021, 9, 354-362.	0.6	6
16	Current insight into the functions of microRNAs in common human hair loss disorders: a mini review. <i>Human Cell</i> , 2021, 34, 1040-1050.	1.2	16
17	Maternal Supply of Both Arachidonic and Docosahexaenoic Acids Is Required for Optimal Neurodevelopment. <i>Nutrients</i> , 2021, 13, 2061.	1.7	36
18	In silico analysis and prediction of transcription factors of the proteins interacting with astrocyte elevated gene-1. <i>Computational Biology and Chemistry</i> , 2021, 92, 107478.	1.1	3

#	ARTICLE	IF	CITATIONS
19	Emerging Role and Clinicopathological Significance of AEG-1 in Different Cancer Types: A Concise Review. <i>Cells</i> , 2021, 10, 1497.	1.8	12
20	The impact of fusion genes on cancer stem cells and drug resistance. <i>Molecular and Cellular Biochemistry</i> , 2021, 476, 3771-3783.	1.4	8
21	Is Biotechnological Next-Generation Therapeutics Promising Enough in Clinical Development to Treat Advanced Colon Cancer?. <i>Current Pharmaceutical Biotechnology</i> , 2021, 22, 1287-1301.	0.9	2
22	A review on interplay between small RNAs and oxidative stress in cancer progression. <i>Molecular and Cellular Biochemistry</i> , 2021, 476, 4117-4131.	1.4	3
23	Oxidative Stress and Cellular Senescence: The Key Tumor-promoting Factors in Colon Cancer and Beneficial Effects of Polyphenols in Colon Cancer Prevention. <i>Current Cancer Therapy Reviews</i> , 2021, 17, 292-303.	0.2	4
24	Current understanding of the mesenchymal stem cell-derived exosomes in cancer and aging. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2021, 31, e00658.	2.1	32
25	Vitagenic Effect of Specific Bioactive Fractions of <i>Rhodiola</i> with <i>Trachurus</i> sp. Extract Against Oxidative Stress-Induced Aging in Human Amnion Derived Epithelial Cell Line: In View of a Novel Senolytic. <i>Current Aging Science</i> , 2021, 14, 139-153.	0.4	8
26	Alternative stromal cell-based therapies for aging and regeneration. , 2021, , 251-270.		1
27	Irritable bowel syndrome and lactose intolerance: the importance of differential diagnosis. A monocentric study. <i>Minerva Gastroenterology</i> , 2021, 67, 72-78.	0.3	2
28	Conditioned medium from the human umbilical cord-mesenchymal stem cells stimulate the proliferation of human keratinocytes. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2021, 32, 51-56.	0.7	6
29	STW 5 Herbal Preparation Modulates Wnt3a and Claudin 1 Gene Expression in Zebrafish IBS-like Model. <i>Pharmaceuticals</i> , 2021, 14, 1234.	1.7	0
30	Benefits of aged garlic extract in modulating toxicity biomarkers against p-dimethylaminoazobenzene and phenobarbital induced liver damage in <i>Rattus norvegicus</i> . <i>Drug and Chemical Toxicology</i> , 2020, 43, 454-467.	1.2	14
31	5-Azacytidine incorporated polycaprolactone-gelatin nanoscaffold as a potential material for cardiomyocyte differentiation. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2020, 31, 123-140.	1.9	11
32	Wnt signaling regulates the proliferation potential and lineage commitment of human umbilical cord derived mesenchymal stem cells. <i>Molecular Biology Reports</i> , 2020, 47, 1293-1308.	1.0	22
33	Predictive Role of Biopsy Based Biomarkers for Radiotherapy Treatment in Rectal Cancer. <i>Journal of Personalized Medicine</i> , 2020, 10, 168.	1.1	5
34	Expressions of miR-302a, miR-105, and miR-888 Play Critical Roles in Pathogenesis, Radiotherapy, and Prognosis on Rectal Cancer Patients: A Study From Rectal Cancer Patients in a Swedish Rectal Cancer Trial of Preoperative Radiotherapy to Big Database Analyses. <i>Frontiers in Oncology</i> , 2020, 10, 567042.	1.3	8
35	Assessment of the cytotoxicity of cerium, tin, aluminum, and zinc oxide nanoparticles on human cells. <i>Journal of Nanoparticle Research</i> , 2020, 22, 1.	0.8	7
36	Functional variations between Mesenchymal Stem Cells of different tissue origins: A comparative gene expression profiling. <i>Biotechnology Letters</i> , 2020, 42, 1287-1304.	1.1	9

#	ARTICLE	IF	CITATIONS
37	Antiproliferative effects of combinational therapy of <i>Lycopodium clavatum</i> and quercetin in colon cancer cells. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2020, 31, .	0.7	12
38	Sources, isolation strategies and therapeutic outcome of exosomes at a glance. <i>Regenerative Medicine</i> , 2020, 15, 2361-2378.	0.8	8
39	Health hazards of nanoparticles: understanding the toxicity mechanism of nanosized ZnO in cosmetic products. <i>Drug and Chemical Toxicology</i> , 2019, 42, 84-93.	1.2	81
40	Role of Tumor Specific niche in Colon Cancer Progression and Emerging Therapies by Targeting Tumor Microenvironment. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1341, 177-192.	0.8	16
41	A Review on Theragnostic Applications of Micrnas and Long Non- Coding RNAs in Colorectal Cancer. <i>Current Topics in Medicinal Chemistry</i> , 2019, 18, 2614-2629.	1.0	34
42	Targeting Wnt Signaling through Small molecules in Governing Stem Cell Fate and Diseases. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2019, 19, 233-246.	0.6	18
43	Effect of Human Platelet Lysate in Differentiation of Wharton's Jelly Derived Mesenchymal Stem Cells. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2019, 19, 1177-1191.	0.6	7
44	Inflammatory Bowel Disease Therapies Adversely Affect Fertility in Men- A Systematic Review and Meta-analysis. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2019, 19, 959-974.	0.6	12
45	Comparative study on anti-proliferative potentials of zinc oxide and aluminium oxide nanoparticles in colon cancer cells. <i>Acta Biomedica</i> , 2019, 90, 241-247.	0.2	13
46	Role of Heparin Sodium Salt in the Modulation of Human Umbilical Cord-Derived Mesenchymal Stem Cell Differentiation. <i>Journal of Applied Biotechnology Reports</i> , 2019, 6, 165-171.	0.9	0
47	A review on role of ATM gene in hereditary transfer of colorectal cancer. <i>Acta Biomedica</i> , 2019, 89, 463-469.	0.2	7
48	Chitosan-based nano-formulation enhances the anticancer efficacy of hesperetin. <i>International Journal of Biological Macromolecules</i> , 2018, 107, 1988-1998.	3.6	52
49	Significant expression of tafazzin (TAZ) protein in colon cancer cells and its downregulation by radiation. <i>International Journal of Radiation Biology</i> , 2018, 94, 79-87.	1.0	4
50	An Overview of Dietary Polyphenols and Their Therapeutic Effects. , 2018, , 221-235.		5
51	Metabolism of Dietary Polyphenols by Human Gut Microbiota and Their Health Benefits. , 2018, , 347-359.		8
52	A Study on Effect of Oxaliplatin in MicroRNA Expression in Human Colon Cancer. <i>Journal of Cancer</i> , 2018, 9, 2046-2053.	1.2	17
53	Evaluation of potential anticancer activity of cationic liposomal nanoformulated <i>Lycopodium clavatum</i> in colon cancer cells. <i>IET Nanobiotechnology</i> , 2018, 12, 727-732.	1.9	10
54	Review on comparative efficacy of bevacizumab, panitumumab and cetuximab antibody therapy with combination of FOLFOX-4 in KRAS-mutated colorectal cancer patients. <i>Oncotarget</i> , 2018, 9, 7739-7748.	0.8	9

#	ARTICLE	IF	CITATIONS
55	Role of Hippo Pathway Effector Tafazzin Protein in Maintaining Stemness of Umbilical Cord-Derived Mesenchymal Stem Cells (UC-MSC). International Journal of Hematology-Oncology and Stem Cell Research, 2018, 12, 153-165.	0.3	0
56	Strategies for targeted drug delivery in treatment of colon cancer: current trends and future perspectives. Drug Discovery Today, 2017, 22, 1224-1232.	3.2	173
57	Current trends in etiology, prognosis and therapeutic aspects of Parkinson's disease: a review. Acta Biomedica, 2017, 88, 249-262.	0.2	20
58	Umbilical cord mesenchymal stem cells modulate dextran sulfate sodium induced acute colitis in immunodeficient mice. Stem Cell Research and Therapy, 2015, 6, 79.	2.4	49
59	MiR-155 modulates the inflammatory phenotype of intestinal myofibroblasts by targeting SOCS1 in ulcerative colitis. Experimental and Molecular Medicine, 2015, 47, e164-e164.	3.2	108
60	Special AT-rich sequence binding protein 1 expression correlates with response to preoperative radiotherapy and clinical outcome in rectal cancer. Cancer Biology and Therapy, 2015, 16, 1738-1745.	1.5	16
61	Tumor suppressive microRNA-137 negatively regulates Musashi-1 and colorectal cancer progression. Oncotarget, 2015, 6, 12558-12573.	0.8	65
62	Radiation and SN38 treatments modulate the expression of microRNAs, cytokines and chemokines in colon cancer cells in a p53-directed manner. Oncotarget, 2015, 6, 44758-44780.	0.8	49
63	Abstract 3127: Small but lethal, miR-137 acts as a tumor suppressive microRNA in colorectal cancer. , 2015, , .		0
64	Tafazzin Protein Expression Is Associated with Tumorigenesis and Radiation Response in Rectal Cancer: A Study of Swedish Clinical Trial on Preoperative Radiotherapy. PLoS ONE, 2014, 9, e98317.	1.1	17
65	Helium Generated Cold Plasma Finely Regulates Activation of Human Fibroblast-Like Primary Cells. PLoS ONE, 2014, 9, e104397.	1.1	69
66	Is chronic feeding of low dose alcohol hepatotoxic or genotoxic?: A time course study in mice. Nucleus (India), 2014, 57, 229-235.	0.9	1
67	Fecal lactoferrin and intestinal permeability are effective non-invasive markers in the diagnostic work-up of chronic diarrhea. BioMetals, 2014, 27, 1069-1076.	1.8	8
68	Abstract 1460: Tumor suppressor miR-137 inhibits colorectal cancer progression by negatively regulating cancer stem cell marker, Musashi-1. , 2014, , .		1
69	Increased antibody response to microbial antigens in patients with Crohn's disease and their unaffected first-degree relatives. Digestive and Liver Disease, 2013, 45, 894-898.	0.4	12
70	PINCH expression in relation to radiation response in co-cultured colon cancer cells and in rectal cancer patients. Oncology Reports, 2013, 30, 2097-2104.	1.2	2
71	5-ASA colonic mucosal concentrations resulting from different pharmaceutical formulations in ulcerative colitis. World Journal of Gastroenterology, 2013, 19, 5665.	1.4	36
72	Clinical utility of calprotectin and lactoferrin in patients with inflammatory bowel disease: is there something new from the literature?. Expert Review of Clinical Immunology, 2012, 8, 579-585.	1.3	32

#	ARTICLE	IF	CITATIONS
73	Evidences of Protective Potentials of Microdoses of Ultra-High Diluted Arsenic Trioxide in Mice Receiving Repeated Injections of Arsenic Trioxide. Evidence-based Complementary and Alternative Medicine, 2011, 2011, 1-10.	0.5	7
74	A Follow-Up Study on the Efficacy of the Homeopathic Remedy <i>Arsenicum album</i> in Volunteers Living in High Risk Arsenic Contaminated Areas. Evidence-based Complementary and Alternative Medicine, 2011, 2011, 1-9.	0.5	7
75	An initial report on the efficacy of a millesimal potency <i>Arsenicum Album LM 0/3</i> in ameliorating arsenic toxicity in humans living in a high-risk arsenic village. Zhong Xi Yi Jie He Xue Bao, 2011, 9, 596-604.	0.7	6
76	Lycopodine from <i>Lycopodium clavatum</i> extract inhibits proliferation of HeLa cells through induction of apoptosis via caspase-3 activation. European Journal of Pharmacology, 2010, 626, 115-122.	1.7	74
77	<i>Chelidonium majus</i> 30C and 200C in induced hepato-toxicity in rats. Homeopathy, 2010, 99, 167-176.	0.5	19
78	Amelioration of Carcinogen-Induced Toxicity in Mice by Administration of a Potentized Homeopathic Drug, <i>Natrum Sulphuricum 200</i> . Evidence-based Complementary and Alternative Medicine, 2009, 6, 65-75.	0.5	17
79	Inhibition of Human Breast Cancer Cell Growth and Enzymatic Activity by a Fermented Nutraceutical. Annals of the New York Academy of Sciences, 2009, 1155, 273-277.	1.8	4
80	Ascorbic acid combats arsenic-induced oxidative stress in mice liver. Ecotoxicology and Environmental Safety, 2009, 72, 639-649.	2.9	50
81	Protective potentials of a plant extract (<i>Lycopodium clavatum</i>) on mice chronically fed hepato-carcinogens. Indian Journal of Experimental Biology, 2009, 47, 602-7.	0.5	12
82	Homeopathic drug discovery: theory update and methodological aspect. Expert Opinion on Drug Discovery, 2008, 3, 979-990.	2.5	20
83	<i>In Vitro</i> Studies Demonstrate Anticancer Activity of an Alkaloid of the Plant <i>Gelsemium sempervirens</i> . Experimental Biology and Medicine, 2008, 233, 1591-1601.	1.1	60
84	Crude Extract of Turmeric Reduces Hepato-Toxicity and Oxidative Stress in Rats Chronically Fed Carcinogens. Journal of Complementary and Integrative Medicine, 2008, 5, .	0.4	4
85	Comparative Efficacy of Two Microdoses of a Potentized Homeopathic Drug, <i>Arsenicum Album</i> , to Ameliorate Toxicity Induced by Repeated Sublethal Injections of Arsenic Trioxide in Mice. Pathobiology, 2008, 75, 156-170.	1.9	15
86	Supportive Evidence for the Anticancerous Potential of Alternative Medicine against Hepatocarcinogenesis in Mice. Complementary Medicine Research, 2007, 14, 148-156.	0.5	19
87	Assessment of hepatocellular damage and hematological alterations in mice chronically fed p-dimethyl aminoazobenzene and phenobarbital. Experimental and Molecular Pathology, 2007, 83, 104-111.	0.9	23
88	Homeopathic remedy for arsenic toxicity?: Evidence-based findings from a randomized placebo-controlled double blind human trial. Science of the Total Environment, 2007, 384, 141-150.	3.9	18
89	Can Administration of Potentized Homeopathic Remedy, <i>Arsenicum Album</i> , Alter Antinuclear Antibody (ANA) Titer in People Living in High-Risk Arsenic Contaminated Areas? I. A Correlation with Certain Hematological Parameters. Evidence-based Complementary and Alternative Medicine, 2006, 3, 99-107.	0.5	22
90	Protective potentials of a potentized homeopathic drug, <i>Lycopodium-30</i> , in ameliorating azo dye induced hepatocarcinogenesis in mice. Molecular and Cellular Biochemistry, 2006, 285, 121-131.	1.4	58

#	ARTICLE	IF	CITATIONS
91	Can Homeopathic Arsenic Remedy Combat Arsenic Poisoning in Humans Exposed to Groundwater Arsenic Contamination?: A Preliminary Report on First Human Trial. Evidence-based Complementary and Alternative Medicine, 2005, 2, 537-548.	0.5	33
92	Efficacy of the Potentized Homeopathic Drug, Carcinisin 200, Fed Alone and in Combination with Another Drug, Chelidonium 200, in Amelioration of p-Dimethylaminoazobenzene-Induced Hepatocarcinogenesis in Mice. Journal of Alternative and Complementary Medicine, 2005, 11, 839-854.	2.1	29
93	Assessment of the genotoxic and cytotoxic potential of an anti-epileptic drug, phenobarbital, in mice: a time course study. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2004, 563, 1-11.	0.9	45