

# Antara Banerjee

## List of Publications by Year in descending order

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Version: 2024-02-01

58  
papers

1,298  
citations

430754

18  
h-index

377752

34  
g-index

62  
all docs

62  
docs citations

62  
times ranked

1643  
citing authors

#	ARTICLE	IF	CITATIONS
1	Strategies for targeted drug delivery in treatment of colon cancer: current trends and future perspectives. <i>Drug Discovery Today</i> , 2017, 22, 1224-1232.	3.2	173
2	MiR-155 modulates the inflammatory phenotype of intestinal myofibroblasts by targeting SOCS1 in ulcerative colitis. <i>Experimental and Molecular Medicine</i> , 2015, 47, e164-e164.	3.2	108
3	A synthetic coumarin (4-Methyl-7 hydroxy coumarin) has anti-cancer potentials against DMBA-induced skin cancer in mice. <i>European Journal of Pharmacology</i> , 2009, 614, 128-136.	1.7	97
4	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
5	Topology Scanning and Putative Three-Dimensional Structure of the Extracellular Binding Domains of the Apical Sodium-Dependent Bile Acid Transporter (SLC10A2). <i>Biochemistry</i> , 2004, 43, 11380-11392.	1.2	62
6	Systemic administration of a novel human umbilical cord mesenchymal stem cells population accelerates the resolution of acute liver injury. <i>BMC Gastroenterology</i> , 2012, 12, 88.	0.8	58
7	Membrane Topology of Human ASBT (SLC10A2) Determined by Dual Label Epitope Insertion Scanning Mutagenesis. <i>New Evidence for Seven Transmembrane Domains</i> . <i>Biochemistry</i> , 2006, 45, 943-953.	1.2	54
8	Umbilical cord mesenchymal stem cells modulate dextran sulfate sodium induced acute colitis in immunodeficient mice. <i>Stem Cell Research and Therapy</i> , 2015, 6, 79.	2.4	49
9	Site-Directed Mutagenesis and Use of Bile Acid <sup>3</sup> MTS Conjugates to Probe the Role of Cysteines in the Human Apical Sodium-Dependent Bile Acid Transporter (SLC10A2). <i>Biochemistry</i> , 2005, 44, 8908-8917.	1.2	37
10	Transmembrane Domain VII of the Human Apical Sodium-Dependent Bile Acid Transporter ASBT (SLC10A2) Lines the Substrate Translocation Pathway. <i>Molecular Pharmacology</i> , 2006, 70, 1565-1574.	1.0	35
11	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
12	Can Homeopathic Arsenic Remedy Combat Arsenic Poisoning in Humans Exposed to Groundwater Arsenic Contamination?: A Preliminary Report on First Human Trial. <i>Evidence-based Complementary and Alternative Medicine</i> , 2005, 2, 537-548.	0.5	33
13	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
14	Can Administration of Potentized Homeopathic Remedy, Arsenicum Album, Alter Antinuclear Antibody (ANA) Titer in People Living in High-Risk Arsenic Contaminated Areas? I. A Correlation with Certain Hematological Parameters. <i>Evidence-based Complementary and Alternative Medicine</i> , 2006, 3, 99-107.	0.5	22
15	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
16	Electrostatic and potential cation- $\ddot{E}$ forces may guide the interaction of extracellular loop III with Na <sup>+</sup> and bile acids for human apical Na <sup>+</sup> -dependent bile acid transporter. <i>Biochemical Journal</i> , 2008, 410, 391-400.	1.7	20
17	Current trends in etiology, prognosis and therapeutic aspects of Parkinson's disease: a review. <i>Acta Biomedica</i> , 2017, 88, 249-262.	0.2	20
18	Supportive Evidence for the Anticancerous Potential of Alternative Medicine against Hepatocarcinogenesis in Mice. <i>Complementary Medicine Research</i> , 2007, 14, 148-156.	0.5	19

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19	Chelidonium majus 30C and 200C in induced hepato-toxicity in rats. Homeopathy, 2010, 99, 167-176.	0.5	19
20	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
21	Targeting Wnt Signaling through Small molecules in Governing Stem Cell Fate and Diseases. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2019, 19, 233-246.	0.6	18
22	Antioxidative potential of a combined therapy of anti TNF $\alpha$ and Zn acetate in experimental colitis. World Journal of Gastroenterology, 2011, 17, 4099.	1.4	18
23	Role of Tumor Specific niche in Colon Cancer Progression and Emerging Therapies by Targeting Tumor Microenvironment. Advances in Experimental Medicine and Biology, 2019, 1341, 177-192.	0.8	16
24	Concise Review on Clinical Applications of Conditioned Medium Derived from Human Umbilical Cord-Mesenchymal Stem Cells (UC-MSCs). International Journal of Hematology-Oncology and Stem Cell Research, 2018, 12, 230-234.	0.3	16
25	A Comprehensive Cancer-Associated MicroRNA Expression Profiling and Proteomic Analysis of Human Umbilical Cord Mesenchymal Stem Cell-Derived Exosomes. Tissue Engineering and Regenerative Medicine, 2022, 19, 1013-1031.	1.6	16
26	Benefits of aged garlic extract in modulating toxicity biomarkers against p-dimethylaminoazobenzene and phenobarbital induced liver damage in Rattus norvegicus. Drug and Chemical Toxicology, 2020, 43, 454-467.	1.2	14
27	Comparative study on anti-proliferative potentials of zinc oxide and aluminium oxide nanoparticles in colon cancer cells. Acta Biomedica, 2019, 90, 241-247.	0.2	13
28	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
29	Emerging Role and Clinicopathological Significance of AEG-1 in Different Cancer Types: A Concise Review. Cells, 2021, 10, 1497.	1.8	12
30	Antiproliferative effects of combinational therapy of <i>Lycopodium clavatum</i> and quercetin in colon cancer cells. Journal of Basic and Clinical Physiology and Pharmacology, 2020, 31, .	0.7	12
31	Inflammatory Bowel Disease Therapies Adversely Affect Fertility in Men- A Systematic Review and Meta-analysis. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2019, 19, 959-974.	0.6	12
32	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
33	Can Homeopathy Bring Additional Benefits to Thalassaemic Patients on Hydroxyurea Therapy? Encouraging Results of a Preliminary Study. Evidence-based Complementary and Alternative Medicine, 2010, 7, 129-136.	0.5	10
34	Evaluation of potential anticancer activity of cationic liposomal nanoformulated <i>Lycopodium clavatum</i> in colon cancer cells. IET Nanobiotechnology, 2018, 12, 727-732.	1.9	10
35	Review on comparative efficacy of bevacizumab, panitumumab and cetuximab antibody therapy with combination of FOLFOX-4 in KRAS-mutated colorectal cancer patients. Oncotarget, 2018, 9, 7739-7748.	0.8	9
36	A Review of AEG-1 Oncogene Regulating MicroRNA Expression in Colon Cancer Progression. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2021, 21, 27-34.	0.6	8

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37	Sources, isolation strategies and therapeutic outcome of exosomes at a glance. <i>Regenerative Medicine</i> , 2020, 15, 2361-2378.	0.8	8
38	Design of novel synthetic MTS conjugates of bile acids for site-directed sulfhydryl labeling of cysteine residues in bile acid binding and transporting proteins. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 1473-1476.	1.0	7
39	A Follow-Up Study on the Efficacy of the Homeopathic Remedy <i>Arsenicum album</i> in Volunteers Living in High Risk Arsenic Contaminated Areas. <i>Evidence-based Complementary and Alternative Medicine</i> , 2011, 2011, 1-9.	0.5	7
40	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
41	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
42	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. <i>Zhong Xi Yi Jie He Xue Bao</i> , 2011, 9, 596-604.	0.7	6
43	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
44	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
45	Crude Extract of Turmeric Reduces Hepato-Toxicity and Oxidative Stress in Rats Chronically Fed Carcinogens. <i>Journal of Complementary and Integrative Medicine</i> , 2008, 5, .	0.4	4
46	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
47	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
48	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
49	Traditional medicine for aging-related disorders: Implications for drug discovery. , 2021, , 281-297.		3
50	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
51	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
52	Molecular characterization of primary and metastatic colon cancer cells to identify therapeutic targets with natural compounds. <i>Current Topics in Medicinal Chemistry</i> , 2022, 22, .	1.0	3
53	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
54	Mo2008 Ameliorative Potentials of Human Umbilical Cord Derived Mesenchymal Stem Cells in Dextran Sulphate Sodium Induced Acute Colitis in NOD.Cb17-Prkdcscid/J Mice. <i>Gastroenterology</i> , 2012, 142, S-719.	0.6	1

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55	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
56	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. Biocell, 2021, 45, 563-576.	0.4	1
57	Alternative stromal cell-based therapies for aging and regeneration. , 2021, , 251-270.		1
58	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