Arpit Bhargava

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2804335/publications.pdf

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62	1,396	331670	377865
papers	citations	21	34
		h-index	g-index

63	63	63	1624
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A photonic dual nano-hybrid assay for detection of cell-free circulating mitochondrial DNA. Journal of Pharmaceutical and Biomedical Analysis, 2022, 208, 114441.	2.8	6
2	Integrated mitoepigenetic signalling mechanisms associated with airborne particulate matter exposure: A cross-sectional pilot study. Atmospheric Pollution Research, 2022, 13, 101399.	3.8	11
3	Surface-enhanced Raman scattering biosensors for detection of oncomiRs in breast cancer. Drug Discovery Today, 2022, 27, 2121-2136.	6.4	15
4	Prenatal exposure to environmental pro-oxidants induces mitochondria-mediated epigenetic changes: a cross-sectional pilot study. Environmental Science and Pollution Research, 2022, 29, 74133-74149.	5.3	9
5	Nano-engineered vitamins as a potential epigenetic modifier against environmental air pollutants. Reviews on Environmental Health, 2022, .	2.4	2
6	Immuno-cytometric detection of circulating cell free methylated DNA, post-translationally modified histones and micro RNAs using semi-conducting nanocrystals. Talanta, 2021, 222, 121516.	5.5	11
7	Emerging role of mitochondria in airborne particulate matter-induced immunotoxicity. Environmental Pollution, 2021, 270, 116242.	7.5	28
8	Mitochondrial-induced Epigenetic Modifications: From Biology to Clinical Translation. Current Pharmaceutical Design, 2021, 27, 159-176.	1.9	17
9	Point-of-care diagnostics approaches for detection of lung cancer-associated circulating miRNAs. Drug Discovery Today, 2021, 26, 1501-1509.	6.4	15
10	Comparative profiling of epigenetic modifications among individuals living in different high and low air pollution zones: A pilot study from India. Environmental Advances, 2021, 4, 100052.	4.8	11
11	Gold based nano-photonic approach for point-of-care detection of circulating long non-coding RNAs. Nanomedicine: Nanotechnology, Biology, and Medicine, 2021, 36, 102413.	3.3	8
12	Lateral flow assay-based detection of long non-coding RNAs: A point-of-care platform for cancer diagnosis. Journal of Pharmaceutical and Biomedical Analysis, 2021, 204, 114285.	2.8	11
13	Quantum dot nanoconjugates for immuno-detection of circulating cell-free miRNAs. Talanta, 2020, 208, 120486.	5.5	17
14	Clostridium perfringens phospholipase C impairs innate immune response by inducing integrated stress response and mitochondrial-induced epigenetic modifications. Cellular Signalling, 2020, 75, 109776.	3.6	6
15	Immune cell engineering: opportunities in lung cancer therapeutics. Drug Delivery and Translational Research, 2020, 10, 1203-1227.	5.8	3
16	Mapping the Mitochondrial Regulation of Epigenetic Modifications in Association With Carcinogenic and Noncarcinogenic Polycyclic Aromatic Hydrocarbon Exposure. International Journal of Toxicology, 2020, 39, 465-476.	1.2	22
17	Nanobiosensors: Point-of-care approaches for cancer diagnostics. Biosensors and Bioelectronics, 2019, 130, 147-165.	10.1	93
18	Exposure to ultrafine particulate matter induces NF-Î°Î²2 mediated epigenetic modifications. Environmental Pollution, 2019, 252, 39-50.	7.5	56

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19	Impairment of Mitochondrial-Nuclear Cross Talk in Lymphocytes Exposed to Landfill Leachate. Environmental Health Insights, 2019, 13, 117863021983901.	1.7	13
20	Air pollution associated epigenetic modifications: Transgenerational inheritance and underlying molecular mechanisms. Science of the Total Environment, 2019, 656, 760-777.	8.0	106
21	Pre-clinical Validation of Mito-targeted Nano-engineered Flavonoids Isolated From Selaginella bryopteris (Sanjeevani) As A Novel Cancer Prevention Strategy. Anti-Cancer Agents in Medicinal Chemistry, 2019, 18, 1860-1874.	1.7	6
22	Nano-engineered flavonoids for cancer protection. Frontiers in Bioscience - Landmark, 2019, 24, 1097-1157.	3.0	22
23	Ultrafine particulate matter impairs mitochondrial redox homeostasis and activates phosphatidylinositol 3-kinase mediated DNA damage responses in lymphocytes. Environmental Pollution, 2018, 234, 406-419.	7.5	66
24	Epigenetic Biomarkers for Risk Assessment of Particulate Matter Associated Lung Cancer. Current Drug Targets, 2018, 19, 1127-1147.	2.1	28
25	Quantum Dot Based Nano-Biosensors for Detection of Circulating Cell Free miRNAs in Lung Carcinogenesis: From Biology to Clinical Translation. Frontiers in Genetics, 2018, 9, 616.	2.3	66
26	Fetal nucleic acids in maternal plasma from biology to clinical translation. Frontiers in Bioscience - Landmark, 2018, 23, 397-431.	3.0	9
27	Dendritic cell engineering for selective targeting of female reproductive tract cancers. Indian Journal of Medical Research, 2018, 148, S50-S63.	1.0	1
28	Bhopal (1984): Cancer Risk Among Survivors and Opportunities for Translational Environmental Health Research. Air Pollution Reviews, 2017, , 101-127.	0.1	0
29	Cell-Free Circulating Epigenomic Signatures: Non-Invasive Biomarker for Cardiovascular and Other Age-Related Chronic Diseases. Current Pharmaceutical Design, 2017, 23, 1175-1187.	1.9	20
30	Environmental Impact on Reproductive Health: Can Biomarkers Offer Any Help?. Journal of Reproduction and Infertility, 2017, 18, 336-340.	1.0	4
31	Mitochondrial anomalies driver to age associated degenerative human ailments. Frontiers in Bioscience - Landmark, 2016, 21, 769-793.	3.0	18
32	Role of mitochondrial oxidative stress on lymphocyte homeostasis in patients diagnosed with extraâ€pulmonary tuberculosis. Cell Biology International, 2016, 40, 166-176.	3.0	14
33	Comparative assessment of lipid based nano-carrier systems for dendritic cell based targeting of tumor re-initiating cells in gynecological cancers. Molecular Immunology, 2016, 79, 98-112.	2.2	15
34	Epigenetic dimension of oxygen radical injury in spermatogonial epithelial cells. Reproductive Toxicology, 2015, 52, 40-56.	2.9	24
35	Amorphous solid dispersion technique for improved drug delivery: basics to clinical applications. Drug Delivery and Translational Research, 2015, 5, 552-565.	5.8	45
36	Molecular bio-dosimetry for carcinogenic risk assessment in survivors of Bhopal gas tragedy. International Journal of Occupational Medicine and Environmental Health, 2015, 28, 921-939.	1.3	5

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37	Cancer Chemopreventive Effects of the Flavonoid-Rich Fraction Isolated from Papaya Seeds. Nutrition and Cancer, 2014, 66, 857-871.	2.0	35
38	Nanoengineered strategies to optimize dendritic cells for gastrointestinal tumor immunotherapy: from biology to translational medicine. Nanomedicine, 2014, 9, 2187-2202.	3.3	12
39	Molecular detection of window phase hepatitis C virus infection in voluntary blood donors and health care workers in a cohort from Central India. Indian Journal of Community Medicine, 2014, 39, 51.	0.4	1
40	Assessment of tumor antigen-loaded solid lipid nanoparticles as an efficient delivery system for dendritic cell engineering. Nanomedicine, 2013, 8, 1067-1084.	3.3	12
41	Engineered dendritic cells for gastrointestinal tumor immunotherapy: opportunities in translational research. Journal of Drug Targeting, 2013, 21, 126-136.	4.4	11
42	Imbalance of mitochondrial-nuclear cross talk in isocyanate mediated pulmonary endothelial cell dysfunction. Redox Biology, 2013, 1, 163-171.	9.0	24
43	Dendritic cell engineering for tumor immunotherapy: from biology to clinical translation. Immunotherapy, 2012, 4, 703-718.	2.0	40
44	Novel Approach for Quantification of Hepatitis C Virus in Liver Cirrhosis Using Real-Time Reverse Transcriptase PCR. Journal of Gastrointestinal Surgery, 2012, 16, 142-147.	1.7	4
45	Evaluation of Cytotoxicity and Anticarcinogenic Potential of Mentha Leaf Extracts. International Journal of Toxicology, 2011, 30, 225-236.	1.2	55
46	Role and clinical significance of lymphocyte mitochondrial dysfunction in type 2 diabetes mellitus. Translational Research, 2011, 158, 344-359.	5.0	42
47	Occult hepatitis C virus elicits mitochondrial oxidative stress in lymphocytes and triggers PI3-kinase-mediated DNA damage response. Free Radical Biology and Medicine, 2011, 51, 1806-1814.	2.9	36
48	Molecular surveillance of hepatitis and tuberculosis infections in a cohort exposed to methyl isocyanate. International Journal of Occupational Medicine and Environmental Health, 2011, 24, 94-101.	1.3	12
49	Circulating Biomarkers and their Possible Role in Pathogenesis of Chronic Hepatitis B and C Viral Infections. Indian Journal of Clinical Biochemistry, 2011, 26, 161-168.	1.9	20
50	In vitroandin vivoevaluation of the anticarcinogenic and cancer chemopreventive potential of a flavonoid-rich fraction from a traditional Indian herbSelaginella bryopteris. British Journal of Nutrition, 2011, 106, 1154-1168.	2.3	34
51	Translation research in molecular disease diagnosis: Bridging gap from laboratory to practice. Journal of Global Infectious Diseases, 2011, 3, 205.	0.5	5
52	A novel FRET probe-based approach for identification, quantification, and characterization of occult HCV infections in patients with cryptogenic liver cirrhosis. Indian Journal of Pathology and Microbiology, 2011, 54, 420.	0.2	3
53	Ascertaining the prevalence of occult hepatitis B virus infection in voluntary blood donors: A study from Central India. Indian Journal of Pathology and Microbiology, 2011, 54, 408.	0.2	3
54	Frequency of genetic alterations observed in cell cycle regulatory proteins and microsatellite instability in gallbladder adenocarcinoma: a translational perspective. Asian Pacific Journal of Cancer Prevention, 2011, 12, 573-4.	1.2	13

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55	Regulation of isocyanate-induced apoptosis, oxidative stress, and inflammation in cultured human neutrophils. Cell Biology and Toxicology, 2010, 26, 279-291.	5.3	38
56	Status of Inflammatory Biomarkers in the Population that Survived the Bhopal Gas Tragedy: A Study after Two Decades. Industrial Health, 2010, 48, 204-208.	1.0	20
57	Prevalence of hepatitis C virus genotypes and impact of T helper cytokines in achieving sustained virological response during combination therapy: A study from Central India. Indian Journal of Medical Microbiology, 2010, 28, 358-362.	0.8	12
58	Occult hepatitis B virus infection with low viremia induces DNA damage, apoptosis and oxidative stress in peripheral blood lymphocytes. Virus Research, 2010, 153, 143-150.	2.2	42
59	Molecular detection of Mycobacterium tuberculosis in formalin-fixed, paraffin-embedded tissues and biopsies of gastrointestinal specimens using real-time polymerase chain reaction system. Turkish Journal of Gastroenterology, 2010, 21, 129-134.	1.1	19
60	Induction of genomic instability in cultured human colon epithelial cells following exposure to isocyanates. Cell Biology International, 2009, 33, 675-683.	3.0	21
61	Inflammatory response to isocyanates and onset of genomic instability in cultured human lung fibroblasts. Genetics and Molecular Research, 2009, 8, 129-143.	0.2	28
62	Isocyanates induces DNA damage, apoptosis, oxidative stress, and inflammation in cultured human lymphocytes. Journal of Biochemical and Molecular Toxicology, 2008, 22, 429-440.	3.0	51