Ritesh Kumar Shukla

List of Publications by Year
in descending order

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43 papers	2,239 citations	567247 15 h-index	302107 39 g-index
44 all docs	44 docs citations	44 times ranked	3758 citing authors

#	Article	IF	Citations
1	Detection and separation of proteins using micro/nanofluidics devices. Progress in Molecular Biology and Translational Science, 2022, 186, 59-84.	1.7	0
2	A new systematic approach of teaching and learning of forensic science for interdisciplinary students: A step towards renovating the forensic education system. Forensic Science International (Online), 2021, 3, 100146.	1.3	2
3	Genotoxic Potential of Nanoparticles: Structural and Functional Modifications in DNA. Frontiers in Genetics, 2021, 12, 728250.	2.3	33
4	Forensic analytical approaches to the dating of documents: An overview. Microchemical Journal, 2021, 170, 106722.	4.5	13
5	Evaluation of diallelic STR markers with inter-population allelic database for their usefulness in paternity trios in the Central Indian population. Annals of Human Biology, 2021, 48, 605-613.	1.0	2
6	Age estimation from tooth-pulp area ratio: A preliminary study. Revue De Medecine Legale, 2020, 11, 11-14.	0.1	2
7	Detection of synthetic food color â€œMetanil Yellowâ€•in sweets: a systematic approach. Journal of Planar Chromatography - Modern TLC, 2020, 33, 413-418.	1.2	11
8	Development of submerged and successive latent fingerprints: a comparative study. Egyptian Journal of Forensic Sciences, 2019, 9, .	1.0	5
9	ZnO nanoparticles-associated mitochondrial stress-induced apoptosis and G2/M arrest in HaCaT cells: a mechanistic approach. Mutagenesis, 2019, 34, 265-277.	2.6	17
10	CHAPTER 5. An Analytical Approach to Investigate Nanoparticleâ€“Protein Corona Complexes. Issues in Toxicology, 2019, , 132-162.	0.1	0
11	New perspective of nanotechnology: role in preventive forensic. Egyptian Journal of Forensic Sciences, 2018, 8, .	1.0	23
12	Cellular internalization and antioxidant activity of cerium oxide nanoparticles in human monocytic leukemia cells. International Journal of Nanomedicine, 2018, Volume 13, 39-41.	6.7	29
13	TiO₂ NPs Induce DNA Damage in Lymphocytes from Healthy Individuals and Patients with Respiratory Diseasesâ€”An Ex Vivo/In Vitro Study. Journal of Nanoscience and Nanotechnology, 2018, 18, 544-555.	0.9	10
14	An introduction to the single cell gel electrophoresis assay: a technique resolving issues in forensic science. Egyptian Journal of Forensic Sciences, 2018, 8, .	1.0	9
15	Synthesis of biocompatible iron oxide nanoparticles as a drug delivery vehicle. International Journal of Nanomedicine, 2018, Volume 13, 79-82.	6.7	34
16	Multifunctional Silver-Cellulose Nanocomposite as a Promising Plasmonic Sensing Platform. Journal of Nanoscience and Nanotechnology, 2018, 18, 5461-5469.	0.9	1
17	Photo(geno)toxicity induced by reactive drug metabolites. , 2018, 08, .		1
18	Forensic application of comet assay: an emerging technique. Forensic Sciences Research, 2017, 2, 180-184.	1.6	9

#	Article	IF	Citations
19	Titanium Dioxide Nanoparticles Induce DNA Damage in Peripheral Blood Lymphocytes from Polyposis coli, Colon Cancer Patients and Healthy Individuals: An Ex Vivo/In Vitro Study. Journal of Nanoscience and Nanotechnology, 2017, 17, 9274-9285.	0.9	11
20	Stature Estimation from Footprint: A Study on Central Indian Population. European Journal of Forensic Sciences, 2017, 4, 1.	0.2	1
21	Effect of gold nanoparticle size and surface coating on human red blood cells. Bioinspired, Biomimetic and Nanobiomaterials, 2016, 5, 121-131.	0.9	13
22	Chapter 7. Detection of DNA Damage in Different Organs of the Mouse. Issues in Toxicology, 2016, , 164-176.	0.1	1
23	Nanotechnology: An Applied and Robust Approach for Forensic Investigation. Forensic Research & Criminology International Journal, 2016, 2, .	0.1	8
24	TiO₂ nanoparticles induce <scp>DNA</scp> double strand breaks and cell cycle arrest in human alveolar cells. Environmental and Molecular Mutagenesis, 2015, 56, 204-217.	2.2	105
25	Surface functionalization of quantum dots for biological applications. Advances in Colloid and Interface Science, 2015, 215, 28-45.	14.7	199
26	TiO2 NPs induced hepatic injury in mammals: a mechanistic approach. Molecular Cytogenetics, 2014, 7, P82.	0.9	1
27	PEGylated nanoceria protect human epidermal cells from reactive oxygen species. Molecular Cytogenetics, 2014, 7, P78.	0.9	2
28	Cytotoxicity assessment of ZnO nanoparticles on human epidermal cells. Molecular Cytogenetics, 2014, 7, P81.	0.9	5
29	TiO2 nanoparticles induced micronucleus formation in human liver (HepG2) cells: comparison of conventional and flow cytometry based methods. Molecular Cytogenetics, 2014, 7, P79.	0.9	8
30	BSA coated gold nanoparticles exhibit size dependent interaction with lung cancer (A549) cells. Molecular Cytogenetics, 2014, 7, P83.	0.9	5
31	TiO2 nanoparticles induce cytotoxicity and genotoxicity in human alveolar cells. Molecular Cytogenetics, 2014, 7, P77.	0.9	9
32	Titanium dioxide nanoparticle-induced oxidative stress triggers DNA damage and hepatic injury in mice. Nanomedicine, 2014, 9, 1423-1434.	3.3	132
33	TiO₂nanoparticles induce oxidative DNA damage and apoptosis in human liver cells. Nanotoxicology, 2013, 7, 48-60.	3.0	220
34	2.45ÂGHz Microwave Irradiation-Induced Oxidative Stress Affects Implantation or Pregnancy in Mice, Mus musculus. Applied Biochemistry and Biotechnology, 2013, 169, 1727-1751.	2.9	61
35	ROS-mediated genotoxicity induced by titanium dioxide nanoparticles in human epidermal cells. Toxicology in Vitro, 2011, 25, 231-241.	2.4	461
36	2.45 GHz (CW) MICROWAVE IRRADIATION ALTERS CIRCADIAN ORGANIZATION, SPATIAL MEMORY, DNA STRUCTURE IN THE BRAIN CELLS AND BLOOD CELL COUNTS OF MALE MICE, MUS MUSCULUS. Progress in Electromagnetics Research B, 2011, 29, 23-42.	1.0	27

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37	Titanium Dioxide Nanoparticles Induce Oxidative Stress-Mediated Apoptosis in Human Keratinocyte Cells. Journal of Biomedical Nanotechnology, 2011, 7, 100-101.	1.1	80
38	Toxicity of Graphene in Normal Human Lung Cells (BEAS-2B). Journal of Biomedical Nanotechnology, 2011, 7, 106-107.	1.1	141
39	Stable Metal Oxide Nanoparticle Formulation for Toxicity Studies. Journal of Biomedical Nanotechnology, 2011, 7, 104-105.	1.1	2
40	Facile synthesis of nanostructured hydroxyapatiteâ€“titania bio-implant scaffolds with different morphologies: their bioactivity and corrosion behaviour. Journal of Materials Chemistry, 2010, 20, 4949.	6.7	12
41	DNA damaging potential of zinc oxide nanoparticles in human epidermal cells. Toxicology Letters, 2009, 185, 211-218.	0.8	526
42	2.45 GHz low level CW microwave radiation affects embryo implantation sites and single strand DNA damage in brain cells of mice, mus musculus. , 2009, , .		1
43	Occupational Exposure of Nanoparticles In Forensic Science: A Need Of Safe Use. International Journal of Forensic Science & Pathology, 0, , 7-10.	0.0	2