# Chandramani Pathak

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6888298/publications.pdf

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|---|---|---|---|
| 57 papers | 1,014 citations | 471061 17 h-index | 500791 28 g-index |
| 62 all docs | 62 docs citations | 62 times ranked | 1366 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Molecular and cellular paradigms of multidrug resistance in cancer. Cancer Reports, 2022, 5, e1291. | 0.6 | 56 |
| 2 | Mechanistic insight of cell anti-proliferative activity of fluoroquinolone drug-based Cu(II) complexes. Molecular Diversity, 2022, 26, 869-878. | 2.1 | 8 |
| 3 | DNA interaction, anticancer, cytotoxicity and genotoxicity studies with potential pyrazine-bipyrazole dinuclear Âµ-oxo bridged Au(III) complexes. Molecular Diversity, 2022, 26, 2085-2101. | 2.1 | 4 |
| 4 | Formulation, Solubilization, and In Vitro Characterization of Quercetin-Incorporated Mixed Micelles of PEO-PPO-PEO Block Copolymers. Applied Biochemistry and Biotechnology, 2022, 194, 445-463. | 1.4 | 15 |
| 5 | Advanced Glycation End Products-Mediated Oxidative Stress and Regulated Cell Death Signaling in Cancer. , 2022, , 535-550. | | 0 |
| 6 | Phosphodiesterase 5 inhibitor sildenafil potentiates the antitumor activity of cisplatin by ROS-mediated apoptosis: a role of deregulated glucose metabolism. Apoptosis: an International Journal on Programmed Cell Death, 2022, 27, 606-618. | 2.2 | 10 |
| 7 | Surface modified PAMAM dendrimers with gallic acid inhibit, cell proliferation, cell migration and inflammatory response to augment apoptotic cell death in human colon carcinoma cells. Journal of Biomolecular Structure and Dynamics, 2021, 39, 6853-6869. | 2.0 | 13 |
| 8 | Cell apoptosis induced by ciprofloxacin based Cu(II) complexes: cytotoxicity, SOD mimic and antibacterial studies. Journal of Biomolecular Structure and Dynamics, 2021, 39, 4555-4562. | 2.0 | 12 |
| 9 | Tetrazolo[1,5-a]quinoline moiety-based Os(IV) complexes: DNA binding/cleavage, bacteriostatic and photocytotoxicity assay. Journal of Biomolecular Structure and Dynamics, 2021, 39, 2894-2903. | 2.0 | 8 |
| 10 | DNA interaction, in vivo and in vitro cytotoxicity, reactive oxygen species, lipid peroxidation of â€“N, S donor Re(I) metal complexes. Molecular Diversity, 2021, 25, 687-699. | 2.1 | 7 |
| 11 | AGE-RAGEÂsynergy influences programmed cell death signaling to promote cancer. Molecular and Cellular Biochemistry, 2021, 476, 585-598. | 1.4 | 54 |
| 12 | Nimbolide induces cell death in T lymphoma cells: Implication of altered apoptosis and glucose metabolism. Environmental Toxicology, 2021, 36, 628-641. | 2.1 | 15 |
| 13 | Molecular insights of <scp>NADPH</scp> oxidases and its pathological consequences. Cell Biochemistry and Function, 2021, 39, 218-234. | 1.4 | 31 |
| 14 | Upregulation of NOX-2 and Nrf-2 Promotes 5-Fluorouracil Resistance of Human Colon Carcinoma (HCT-116) Cells. Biochemistry (Moscow), 2021, 86, 262-274. | 0.7 | 10 |
| 15 | Synthesis, characterization, and biological applications of pyrazole moiety bearing osmium(IV) complexes. Nucleosides, Nucleotides and Nucleic Acids, 2021, 40, 593-618. | 0.4 | 1 |
| 16 | DNA interaction, anticancer, antibacterial, ROS and lipid peroxidation studies of quinoxaline based organometallic Re(I) carbonyls. Journal of Molecular Structure, 2021, 1240, 130529. | 1.8 | 13 |
| 17 | Fluorescence, DNA Interaction and Cytotoxicity Studies of 4,5-Dihydro-1H-Pyrazol-1-Yl Moiety Based Os(IV) Compounds: Synthesis, Characterization and Biological Evaluation. Journal of Fluorescence, 2021, 31, 349-362. | 1.3 | 2 |
| 18 | Evaluation of antimitotic activity of herbal extracts using plant-based model systems and their cytotoxic potential against human colon carcinoma cells. Journal of Cancer Research and Therapeutics, 2021, 17, 1483. | 0.3 | 0 |

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|---|---|---|---|
| 19 | Synthesis, spectroscopic characterization, computational and biological evaluation of organometallic Re(I) complexes with 5-(2-butyl-5-chloro-1H-imidazol-4-yl)-1,3-diaryl-4,5-dihydro-1H-pyrazole. Inorganic Chemistry Communication, 2021, 134, 109005. | 1.8 | 1 |
| 20 | Biological activities of pyrazoline-indole based Re(I) carbonyls: DNA interaction, antibacterial, anticancer, ROS production, lipid peroxidation, in vivo and in vitro cytotoxicity studies. Chemico-Biological Interactions, 2020, 330, 109231. | 1.7 | 16 |
| 21 | Cell-Penetrable Peptide-Conjugated FADD Induces Apoptosis and Regulates Inflammatory Signaling in Cancer Cells. International Journal of Molecular Sciences, 2020, 21, 6890. | 1.8 | 15 |
| 22 | Synthesis, Characterization, and Biological Evaluation of Osmium(IV) Pyrazole Carbothioamide Complexes. Polycyclic Aromatic Compounds, 2020, , 1-17. | 1.4 | 0 |
| 23 | Escherichia coli strain engineering for enhanced production of serratiopeptidase for therapeutic applications. International Journal of Biological Macromolecules, 2020, 160, 1050-1060. | 3.6 | 6 |
| 24 | Bipyrazole Based Novel Bimetallic Âµ-oxo Bridged Au(III) Complexes as Potent DNA Interacalative, Genotoxic, Anticancer, Antibacterial and Cytotoxic Agents. Journal of Inorganic and Organometallic Polymers and Materials, 2020, 30, 5085-5099. | 1.9 | 6 |
| 25 | Oxidative Stress and Inflammation Can Fuel Cancer. , 2020, , 229-258. | | 13 |
| 26 | Oxadiazole based Os(IV) compounds as potential DNA intercalator and cytotoxic agents. Inorganic Chemistry Communication, 2020, 119, 108070. | 1.8 | 5 |
| 27 | Synthesis, characterization, structural-activity relationship and biomolecular interaction studies of heteroleptic Pd(II) complexes with acetyl pyridine scaffold. Journal of Molecular Structure, 2020, 1221, 128802. | 1.8 | 18 |
| 28 | Synthesis, Characterization and Biological Application of Pyrazolo[1,5-a]pyrimidine Based Organometallic Re(I) Complexes. Acta Chimica Slovenica, 2020, 67, 957-969. | 0.2 | 3 |
| 29 | INHIBITION OF NADPH OXIDASE ACTIVITY AUGMENTS 5-FLUOROURACIL MEDIATED CELL DEATH IN HUMAN COLON CARCINOMA HCT-116 CELLS. International Journal of Advanced Research, 2020, 8, 865-874. | 0.0 | 1 |
| 30 | Synthesis, Characterization and Biological Application of Pyrazolo[1,5-a]pyrimidine Based Organometallic Re(I) Complexes. Acta Chimica Slovenica, 2020, 67, 957-969. | 0.2 | 0 |
| 31 | Structural insights into pharmacophore-assisted in silico identification of proteinâ€“protein interaction inhibitors for inhibition of human toll-like receptor 4 â€“ myeloid differentiation factor-2 (hTLR4â^'MD-2) complex. Journal of Biomolecular Structure and Dynamics, 2019, 37, 1968-1991. | 2.0 | 12 |
| 32 | Leishmania donovani adenylate kinase 2a prevents ATP-mediated cell cytolysis in macrophages. Parasitology International, 2019, 72, 101929. | 0.6 | 6 |
| 33 | Development and characterization of supramolecular calcitonin assembly and assessment of its interactions with the bone remodelling process. Bone, 2019, 122, 123-135. | 1.4 | 3 |
| 34 | Human Toll-Like Receptor 4 (hTLR4): Structural and functional dynamics in cancer. International Journal of Biological Macromolecules, 2019, 122, 425-451. | 3.6 | 33 |
| 35 | Mechanism for Development of Nanobased Drug Delivery System. , 2019, , 35-67. | | 28 |
| 36 | Pluronic micelles encapsulated curcumin manifests apoptotic cell death and inhibits proâ€inflammatory cytokines in human breast adenocarcinoma cells. Cancer Reports, 2019, 2, e1133. | 0.6 | 36 |

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|---|---|---|---|
| 37 | Synthesis, characterization and biological application of 5-quinoline 1,3,5-trisubstituted pyrazole based platinum(<scp>ii</scp>) complexes. MedChemComm, 2018, 9, 282-298. | 3.5 | 11 |
| 38 | Design, synthesis, pharmacological evaluation and DNA interaction studies of binuclear Pt(II) complexes with pyrazolo[1,5â€a]pyrimidine scaffold. Applied Organometallic Chemistry, 2018, 32, e4222. | 1.7 | 10 |
| 39 | Design, synthesis, MTT assay, DNA interaction studies of platinum(II) complexes. Journal of Biomolecular Structure and Dynamics, 2018, 36, 14-31. | 2.0 | 7 |
| 40 | Silibinin, A Natural Blend In Polytherapy Formulation For Targeting Cd44v6 Expressing Colon Cancer Stem Cells. Scientific Reports, 2018, 8, 16985. | 1.6 | 27 |
| 41 | â€œProgrammed Cell Death: A Process of Death for Survivalâ€•â€“ How Far Terminology Pertinent for Cell Death in Unicellular Organisms. Journal of Cell Death, 2018, 11, 117906601879025. | 0.8 | 15 |
| 42 | Hydrophilic Acylated Surface Protein A (HASPA) of Leishmania donovani: Expression, Purification and Biophysico-Chemical Characterization. Protein Journal, 2017, 36, 343-351. | 0.7 | 4 |
| 43 | FADD regulates NF-Î²B activation and promotes ubiquitination of cFLIPL to induce apoptosis. Scientific Reports, 2016, 6, 22787. | 1.6 | 44 |
| 44 | Expression of FADD and cFLIPL balances mitochondrial integrity and redox signaling to substantiate apoptotic cell death. Molecular and Cellular Biochemistry, 2016, 422, 135-150. | 1.4 | 15 |
| 45 | Expression of cFLIP<sub>L</sub> Determines the Basal Interaction of Bclâ€2 With Beclinâ€1 and Regulates p53 Dependent Ubiquitination of Beclinâ€1 During Autophagic Stress. Journal of Cellular Biochemistry, 2016, 117, 1757-1768. | 1.2 | 16 |
| 46 | Quercetin protects necrotic insult and promotes apoptosis by attenuating the expression of RAGE and its ligand HMGB1 in human breast adenocarcinoma cells. IUBMB Life, 2015, 67, 361-373. | 1.5 | 39 |
| 47 | Curcumin Conjugated with PLGA Potentiates Sustainability, Anti-Proliferative Activity and Apoptosis in Human Colon Carcinoma Cells. PLoS ONE, 2015, 10, e0117526. | 1.1 | 52 |
| 48 | Regulation of HA14â€1 mediated oxidative stress, toxic response, and autophagy by curcumin to enhance apoptotic activity in human embryonic kidney cells. BioFactors, 2014, 40, 157-169. | 2.6 | 25 |
| 49 | Evaluation of benzothiophene carboxamides as analgesics and antiâ€inflammatory agents. IUBMB Life, 2014, 66, 201-211. | 1.5 | 6 |
| 50 | Apoptotic potential of Fas-associated death domain on regulation of cell death regulatory protein cFLIP and death receptor mediated apoptosis in HEK 293T cells. Journal of Cell Communication and Signaling, 2012, 6, 155-168. | 1.8 | 22 |
| 51 | Queuosine modification of tRNA: its divergent role in cellular machinery. Bioscience Reports, 2010, 30, 135-148. | 1.1 | 91 |
| 52 | Queuine mediated inhibition in phosphorylation of tyrosine phosphoproteins in cancer. Molecular Biology Reports, 2008, 35, 369-374. | 1.0 | 13 |
| 53 | Modulation in the activity of lactate dehydrogenase and level of c-Myc and c-Fos by modified base queuine in cancer. Cancer Biology and Therapy, 2008, 7, 85-91. | 1.5 | 15 |
| 54 | Queuine promotes antioxidant defence system by activating cellular antioxidant enzyme activities in cancer. Bioscience Reports, 2008, 28, 73-81. | 1.1 | 45 |

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|---|---|---|---|
| 55 | Possible involvement of queuine in regulation of cell proliferation. BioFactors, 2007, 29, 159-173. | 2.6 | 26 |
| 56 | Hypomodification of Transfer RNA in Cancer with Respect to Queuosine. RNA Biology, 2005, 2, 143-148. | 1.5 | 34 |
| 57 | Modulation of Lactate Dehydrogenase Isozymes by Modified Base Queuine. Molecular Biology Reports, 2005, 32, 191-196. | 1.0 | 29 |