

# Joya Chandra

## List of Publications by Year in descending order

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Version: 2024-02-01

112  
papers

2,624  
citations

201674

27  
h-index

206112

48  
g-index

116  
all docs

116  
docs citations

116  
times ranked

4068  
citing authors

#	ARTICLE	IF	CITATIONS
1	NPI-0052, a novel proteasome inhibitor, induces caspase-8 and ROS-dependent apoptosis alone and in combination with HDAC inhibitors in leukemia cells. <i>Blood</i> , 2007, 110, 267-277.	1.4	199
2	Synergistic Activity of the Src Family Kinase Inhibitor Dasatinib and Oxaliplatin in Colon Carcinoma Cells Is Mediated by Oxidative Stress. <i>Cancer Research</i> , 2009, 69, 3842-3849.	0.9	133
3	Proteasome Inhibitors Induce Apoptosis in Glucocorticoid-Resistant Chronic Lymphocytic Leukemic Lymphocytes. <i>Blood</i> , 1998, 92, 4220-4229.	1.4	125
4	Inhibition of LSD1 sensitizes glioblastoma cells to histone deacetylase inhibitors. <i>Neuro-Oncology</i> , 2011, 13, 894-903.	1.2	122
5	Redox Control of Leukemia: From Molecular Mechanisms to Therapeutic Opportunities. <i>Antioxidants and Redox Signaling</i> , 2013, 18, 1349-1383.	5.4	114
6	The proteasome inhibitor NPI-0052 is a more effective inducer of apoptosis than bortezomib in lymphocytes from patients with chronic lymphocytic leukemia. <i>Molecular Cancer Therapeutics</i> , 2006, 5, 1836-1843.	4.1	112
7	Effects of the Bcr/abl kinase inhibitors STI571 and adaphostin (NSC 680410) on chronic myelogenous leukemia cells in vitro. <i>Blood</i> , 2002, 99, 664-671.	1.4	107
8	Health-related quality of life, lifestyle behaviors, and intervention preferences of survivors of childhood cancer. <i>Journal of Cancer Survivorship</i> , 2013, 7, 523-534.	2.9	95
9	Adaphostin-induced oxidative stress overcomes BCR/ABL mutation-dependent and -independent imatinib resistance. <i>Blood</i> , 2006, 107, 2501-2506.	1.4	76
10	Therapeutic Strategies to Enhance the Anticancer Efficacy of Histone Deacetylase Inhibitors. <i>Journal of Biomedicine and Biotechnology</i> , 2011, 2011, 1-17.	3.0	68
11	Involvement of reactive oxygen species in adaphostin-induced cytotoxicity in human leukemia cells. <i>Blood</i> , 2003, 102, 4512-4519.	1.4	66
12	Caspase-8 dependent histone acetylation by a novel proteasome inhibitor, NPI-0052: a mechanism for synergy in leukemia cells. <i>Blood</i> , 2009, 113, 4289-4299.	1.4	63
13	Preclinical activity of combined HDAC and KDM1A inhibition in glioblastoma. <i>Neuro-Oncology</i> , 2015, 17, 1463-1473.	1.2	61
14	An evidence-based conceptual framework of healthy cooking. <i>Preventive Medicine Reports</i> , 2016, 4, 23-28.	1.8	60
15	Malnutrition and obesity in pediatric oncology patients: Causes, consequences, and interventions. <i>Pediatric Blood and Cancer</i> , 2012, 59, 1160-1167.	1.5	58
16	Potential of reactive oxygen species is a marker for synergistic cytotoxicity of MS-275 and 5-azacytidine in leukemic cells. <i>Leukemia Research</i> , 2008, 32, 771-780.	0.8	56
17	BCR-ABL1 mediates up-regulation of Fyn in chronic myelogenous leukemia. <i>Blood</i> , 2008, 111, 2904-2908.	1.4	54
18	Central Role of Fas-associated Death Domain Protein in Apoptosis Induction by the Mitogen-activated Protein Kinase Kinase Inhibitor CI-1040 (PD184352) in Acute Lymphocytic Leukemia Cells in Vitro. <i>Journal of Biological Chemistry</i> , 2003, 278, 47326-47339.	3.4	52

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19	Anti-angiogenic properties of metronomic topotecan in ovarian carcinoma. <i>Cancer Biology and Therapy</i> , 2009, 8, 1596-1603.	3.4	43
20	Oxidative Stress by Targeted Agents Promotes Cytotoxicity in Hematologic Malignancies. <i>Antioxidants and Redox Signaling</i> , 2009, 11, 1123-1137.	5.4	42
21	Pharmacologic inhibition of lysine-specific demethylase 1 as a therapeutic and immune-sensitization strategy in pediatric high-grade glioma. <i>Neuro-Oncology</i> , 2020, 22, 1302-1314.	1.2	42
22	Induction of cell death by the novel proteasome inhibitor marizomib in glioblastoma in vitro and in vivo. <i>Scientific Reports</i> , 2016, 6, 18953.	3.3	38
23	Smooth muscle hyperplasia due to loss of smooth muscle $\beta$ -actin is driven by activation of focal adhesion kinase, altered p53 localization and increased levels of platelet-derived growth factor receptor- $\beta$ . <i>Human Molecular Genetics</i> , 2013, 22, 3123-3137.	2.9	37
24	Can Anthracycline Therapy for Pediatric Malignancies Be Less Cardiotoxic?. <i>Current Oncology Reports</i> , 2010, 12, 411-419.	4.0	34
25	ABT-737, a BH3 mimetic, induces glutathione depletion and oxidative stress. <i>Cancer Chemotherapy and Pharmacology</i> , 2009, 65, 41-54.	2.3	33
26	Aerobic Exercise During Early Murine Doxorubicin Exposure Mitigates Cardiac Toxicity. <i>Journal of Pediatric Hematology/Oncology</i> , 2018, 40, 208-215.	0.6	32
27	Oxidative Stress Promotes Transcriptional Up-regulation of Fyn in BCR-ABL1-expressing Cells. <i>Journal of Biological Chemistry</i> , 2009, 284, 7114-7125.	3.4	30
28	Parental involvement in exercise and diet interventions for childhood cancer survivors: a systematic review. <i>Pediatric Research</i> , 2016, 80, 338-346.	2.3	29
29	PCI-24781, a Novel Hydroxamic Acid HDAC Inhibitor, Exerts Cytotoxicity and Histone Alterations via Caspase-8 and FADD in Leukemia Cells. <i>International Journal of Cell Biology</i> , 2010, 2010, 1-10.	2.5	28
30	Panobinostat, a pan-histone deacetylase inhibitor: Rationale for and application to treatment of multiple myeloma. <i>Drugs of Today</i> , 2015, 51, 491.	1.1	28
31	Pharmacological basis for cladribine resistance in a human acute T lymphoblastic leukaemia cell line selected for resistance to etoposide. <i>British Journal of Haematology</i> , 2001, 113, 339-346.	2.5	26
32	Adaphostin cytotoxicity in glioblastoma cells is ROS-dependent and is accompanied by upregulation of heme oxygenase-1. <i>Cancer Chemotherapy and Pharmacology</i> , 2007, 59, 527-535.	2.3	26
33	Expression and Activity of Fyn Mediate Proliferation and Blastic Features of Chronic Myelogenous Leukemia. <i>PLoS ONE</i> , 2012, 7, e51611.	2.5	25
34	Inhibition of the NADPH oxidase regulates heme oxygenase 1 expression in chronic myeloid leukemia. <i>Cancer</i> , 2012, 118, 3433-3445.	4.1	23
35	Diet and exercise interventions for pediatric cancer patients during therapy: tipping the scales for better outcomes. <i>Pediatric Research</i> , 2018, 83, 50-56.	2.3	21
36	Scaffolding LSD1 Inhibitors Impair NK Cell Metabolism and Cytotoxic Function Through Depletion of Glutathione. <i>Frontiers in Immunology</i> , 2020, 11, 2196.	4.8	21

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37	A randomized nutrition counseling intervention in pediatric leukemia patients receiving steroids results in reduced caloric intake. <i>Pediatric Blood and Cancer</i> , 2017, 64, 374-380.	1.5	20
38	Adaphostin has significant and selective activity against chronic and acute myeloid leukemia cells. <i>Cancer Science</i> , 2006, 97, 952-960.	3.9	19
39	Inhibition of IGF-1R tyrosine kinase induces apoptosis and cell cycle arrest in imatinib-resistant chronic myeloid leukaemia cells. <i>Journal of Cellular and Molecular Medicine</i> , 2010, 14, 1777-1792.	3.6	19
40	Specific and prolonged proteasome inhibition dictates apoptosis induction by marizomib and its analogs. <i>Chemico-Biological Interactions</i> , 2011, 194, 58-68.	4.0	19
41	Small Molecule ErbB Inhibitors Decrease Proliferative Signaling and Promote Apoptosis in Philadelphia Chromosome-Positive Acute Lymphoblastic Leukemia. <i>PLoS ONE</i> , 2013, 8, e70608.	2.5	19
42	Developing a Healthy Web-Based Cookbook for Pediatric Cancer Patients and Survivors: Rationale and Methods. <i>JMIR Research Protocols</i> , 2015, 4, e37.	1.0	19
43	Inhibition of Methyltransferases Accelerates Degradation of cFLIP and Sensitizes B-Cell Lymphoma Cells to TRAIL-Induced Apoptosis. <i>PLoS ONE</i> , 2015, 10, e0117994.	2.5	18
44	The Healthy Cooking Index: Nutrition Optimizing Home Food Preparation Practices across Multiple Data Collection Methods. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2020, 120, 1119-1132.	0.8	18
45	Healthy cooking classes at a children's cancer hospital and patient/survivor summer camps: initial reactions and feasibility. <i>Public Health Nutrition</i> , 2017, 20, 1650-1656.	2.2	17
46	Exercise intervention decreases acute and late doxorubicin-induced cardiotoxicity. <i>Cancer Medicine</i> , 2021, 10, 7572-7584.	2.8	17
47	A NOX2/Egr-1/Fyn pathway delineates new targets for TKI-resistant malignancies. <i>Oncotarget</i> , 2015, 6, 23631-23646.	1.8	17
48	Efficacy of panobinostat and marizomib in acute myeloid leukemia and bortezomib-resistant models. <i>Leukemia Research</i> , 2015, 39, 371-379.	0.8	16
49	Characterization of TRKA signaling in acute myeloid leukemia. <i>Oncotarget</i> , 2018, 9, 30092-30105.	1.8	15
50	Cutting Edge Therapeutic Insights Derived from Molecular Biology of Pediatric High-Grade Glioma and Diffuse Intrinsic Pontine Glioma (DIPG). <i>Bioengineering</i> , 2018, 5, 88.	3.5	15
51	Nutritional concerns of survivors of childhood cancer: A "First World" perspective. <i>Pediatric Blood and Cancer</i> , 2020, 67, e28193.	1.5	14
52	Targeting the NRF2/HO-1 Antioxidant Pathway in FLT3-ITD-Positive AML Enhances Therapy Efficacy. <i>Antioxidants</i> , 2022, 11, 717.	5.1	13
53	Combinatorial effects of histone deacetylase inhibitors (HDACi), vorinostat and entinostat, and adaphostin are characterized by distinct redox alterations. <i>Cancer Chemotherapy and Pharmacology</i> , 2018, 81, 483-495.	2.3	11
54	Adapting a Videogame to the Needs of Pediatric Cancer Patients and Survivors. <i>Games for Health Journal</i> , 2013, 2, 213-221.	2.0	10

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55	Analysis of redox and apoptotic effects of anthracyclines to delineate a cardioprotective strategy. <i>Cancer Chemotherapy and Pharmacology</i> , 2015, 76, 1297-1307.	2.3	10
56	Pediatric high-grade glioma: aberrant epigenetics and kinase signaling define emerging therapeutic opportunities. <i>Journal of Neuro-Oncology</i> , 2020, 150, 17-26.	2.9	9
57	The lasting influence of LSD1 in the blood. <i>ELife</i> , 2013, 2, e00963.	6.0	9
58	Antileukemia Effects of Notch-Mediated Inhibition of Oncogenic PLK1 in B-Cell Acute Lymphoblastic Leukemia. <i>Molecular Cancer Therapeutics</i> , 2019, 18, 1615-1627.	4.1	8
59	Herceptin Conjugates Linked by EDC Boost Direct Tumor Cell Death via Programmed Tumor Cell Necrosis. <i>PLoS ONE</i> , 2011, 6, e23270.	2.5	8
60	Uncovering Cardioprotective Strategies For Anthracycline Therapy By Analysis Of Redox and Apoptotic Effects. <i>Blood</i> , 2013, 122, 1293-1293.	1.4	8
61	The ubiquitin-proteasome pathway in adult and pediatric brain tumors: biological insights and therapeutic opportunities. <i>Cancer and Metastasis Reviews</i> , 2017, 36, 617-633.	5.9	7
62	Development and Feasibility of a Community-Based, Culturally Flexible Colorectal Cancer Prevention Program. <i>Journal of Community Health</i> , 2018, 43, 882-885.	3.8	7
63	Meal planning values impacted by the cancer experience in families with school-aged survivors—a qualitative exploration and recommendations for intervention development. <i>Supportive Care in Cancer</i> , 2020, 28, 1305-1313.	2.2	7
64	Exploring Parental Factors Related to Weight Management in Survivors of Childhood Central Nervous System Tumors. <i>Journal of Pediatric Oncology Nursing</i> , 2014, 31, 84-94.	1.5	6
65	Cellular Oxidative Stress in Pediatric Leukemia and Lymphoma Patients Undergoing Treatment Is Associated with Protein Consumption. <i>Nutrients</i> , 2020, 12, 75.	4.1	6
66	High Rates of Obesity at Presentation Persist into Survivorship across Childhood Cancer Types. <i>Childhood Obesity</i> , 2020, 16, 250-257.	1.5	6
67	Short-Term Changes in Skeletal Muscle Mass After Anthracycline Administration in Adolescent and Young Adult Sarcoma Patients. <i>Journal of Adolescent and Young Adult Oncology</i> , 2022, 11, 320-322.	1.3	6
68	Unique Features of a Web-Based Nutrition Website for Childhood Cancer Populations: Descriptive Study. <i>Journal of Medical Internet Research</i> , 2021, 23, e24515.	4.3	6
69	Exploring food preparation practices in families with and without school-aged childhood cancer survivors. <i>Public Health Nutrition</i> , 2020, 23, 410-415.	2.2	5
70	Computational immune infiltration analysis of pediatric high-grade gliomas (pHGGs) reveals differences in immunosuppression and prognosis by tumor location. <i>Computational and Systems Oncology</i> , 2021, 1, e1016.	1.5	5
71	Psychometric Analysis of the Three-Factor Eating Questionnaire-R18V2 in Adolescent and Young Adult-Aged Central Nervous System Tumor Survivors. <i>Journal of Adolescent and Young Adult Oncology</i> , 2016, 5, 278-285.	1.3	4
72	HDAC and LSD1 Inhibitors Synergize to Induce Cell Death in Acute Leukemia Cells. <i>Blood</i> , 2011, 118, 1427-1427.	1.4	4

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73	Cigarette Smoke Exposure in Mice using a Whole-Body Inhalation System. Journal of Visualized Experiments, 2020, , .	0.3	4
74	Cooking After Cancer: the Structure and Implementation of a Community-Based Cooking Program for Cancer Survivors. Journal of Cancer Education, 2022, 37, 539-545.	1.3	3
75	Abstract 3008: Effect of exercise on acute and late onset Doxorubicin-induced cardiotoxicity. , 2018, , .		3
76	Development and Feasibility of a Culturally Sensitive Cooking and Physical Activity Program Designed for Obese Hispanic Families. ICAN: Infant, Child, & Adolescent Nutrition, 2015, 7, 86-93.	0.2	2
77	IMMU-19. LSD1 MODULATES NK CELL IMMUNOTHERAPY THROUGH AN ONCO-IMMUNOGENIC GENE SIGNATURE IN DIPG. Neuro-Oncology, 2018, 20, i102-i102.	1.2	2
78	Metachronous Medulloblastoma in a Child With Successfully Treated Neuroblastoma: Case Report and Novel Findings of DNA Sequencing. Journal of the National Comprehensive Cancer Network: JNCCN, 2018, 16, 683-691.	4.9	2
79	Effects of Adaphostin, a Novel Tyrophostin Inhibitor, in Diverse Models of Imatinib Mesylate Resistance.. Blood, 2004, 104, 2097-2097.	1.4	2
80	Proteasome Inhibitors Induce Apoptosis in Glucocorticoid-Resistant Chronic Lymphocytic Leukemic Lymphocytes. Blood, 1998, 92, 4220-4229.	1.4	2
81	The Healthy Cooking Index does not Predict the Carotenoid Content of Home-Cooked Meals. Nutrients, 2020, 12, 524.	4.1	1
82	Acceleration of AML Progression By Cigarette Smoke Exposure or Condensate Exposure and Associated DNA Methylation Alterations. Blood, 2019, 134, 2554-2554.	1.4	1
83	Targeting the NRF2/HO-1 Antioxidant Pathway with Consequences for Notch Signaling in FLT3-ITD Positive AML: A Novel Therapeutic Approach. Blood, 2015, 126, 2470-2470.	1.4	1
84	The Novel, Orally Active Proteasome Inhibitor, NPI-0052, Induces Apoptosis in Leukemia Lymphoma Cell Lines and Patient Specimens.. Blood, 2005, 106, 241-241.	1.4	1
85	Abstract 511: EGFR-initated NADPH oxidase activity regulates Fyn expression in glioblastoma multiforme. , 2014, , .		1
86	Small Molecular Inhibitors Targeting Chromatin Regulating Proteins for Cancer. Current Protein and Peptide Science, 2016, 17, 455-462.	1.4	1
87	Therapeutic Utility of Proteasome Inhibitors for Acute Leukemia. , 2011, , 273-298.		0
88	Feasibility and Acceptability Findings of an Energy Balance Data Repository of Children, Adolescents, and Young Adults with Cancer. Journal of Clinical Medicine, 2020, 9, 2879.	2.4	0
89	Increased Superoxide Levels, HO-1 and Fyn Protein Expression in Bcr/abl Overexpressing Cells: Implications for Adaptation and Survival in an Oxidatively Challenging Environment.. Blood, 2005, 106, 4403-4403.	1.4	0
90	Fyn Upregulation Is a Novel ROS-Dependent Mechanism Controlling CML Growth, Progression and Imatinib Resistance.. Blood, 2006, 108, 2241-2241.	1.4	0

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91	ERBB Signaling Promotes BCR-Abl Expression and Modulates Multiple Signaling Pathways as Assessed by High-Throughput, Reverse Phase Protein Array.. Blood, 2006, 108, 4349-4349.	1.4	0
92	Potential of Reactive Oxygen Species Is a Marker for Synergistic Cytotoxicity of MS-275 and 5-Azacytidine in Leukemic Cells.. Blood, 2007, 110, 4343-4343.	1.4	0
93	Induction of Oxidative Stress and Glutathione Depletion by ABT-737, a Novel Small Molecule Inhibitor of Bcl-2, Contributes to Cytotoxicity in Leukemia Cells.. Blood, 2007, 110, 4336-4336.	1.4	0
94	Abstract 5429: Inhibition of LSD1 and HDACs causes synergistic cell death in glioblastoma cells. , 2010, , .		0
95	Abstract 4559: Herceptin trimers linked by EDC could boost direct tumor cell death and overcome resistance to trastuzumab treatment via programmed tumor cell necrosis. , 2011, , .		0
96	A Pilot Study Investigating the Relationship Between Diet and Oxidative Stress in Infants Receiving Therapy for Acute Leukemia. Blood, 2011, 118, 4228-4228.	1.4	0
97	Abstract 5434: Oxidative stress analysis in peripheral blood mononuclear cells of pediatric leukemia undergoing chemotherapy: Correlations with dietary intake. , 2012, , .		0
98	Abstract B49: Mechanism of cell death induction by dual targeting of HDACs and lysine specific demethylase, LSD1, in leukemias and brain tumors. , 2013, , .		0
99	Abstract C45: Comparison of kinetics and mechanism of cell death induction by the proteasome inhibitors bortezomib and marizomib in glioblastoma.. , 2013, , .		0
100	Abstract 960: Targeting Egr-1 is an effective strategy for overcoming kinase inhibitor resistance in CML. , 2014, , .		0
101	Abstract 1711: Proteasomal alterations in a newly created model of FLT3-ITD positive AML with acquired pan-TKI resistance. , 2014, , .		0
102	Accelerated Degradation of cFLIP Mediated By Inhibition of Methyltransferases Sensitizes B-Cell Lymphoma Cells to TRAIL-Induced Apoptosis. Blood, 2014, 124, 920-920.	1.4	0
103	Abstract 3591: Inhibition of heme oxygenase 1 decreases proliferation and resensitizes TKI-resistant Flt3-ITD-positive AML cells. , 2015, , .		0
104	Abstract CT029: A phase I study of vorinostat and temsirolimus in children with newly diagnosed or progressive diffuse intrinsic pontine glioma (DIPG). , 2017, , .		0
105	Abstract 5871: Efficacy and selectivity of novel dually targeted kinase inhibitors for therapy of adult and pediatric high-grade glioma. , 2018, , .		0
106	Abstract CT113: A Phase I study of Suberoylanilide Hydroxamic Acid (SAHA) with Temsirolimus in children with newly diagnosed or progressive diffuse intrinsic pontine glioma (DIPG). , 2019, , .		0
107	Abstract 3089: Evaluation of highly potent and selective single-molecule dual EGFR/PI3K inhibitors in preclinical models of adult and pediatric high-grade glioma. , 2019, , .		0
108	The Impact of Smoking on Survival in Patients (Pts) with Newly Diagnosed Philadelphia Chromosome Positive (Ph+) Acute Lymphoblastic Leukemia (ALL) Treated with the Combination of Intensive Therapy with Tyrosine Kinase Inhibitor (TKI). Blood, 2019, 134, 3815-3815.	1.4	0

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109	Trimethylated H3K27, and Di- and Trimethylated H3K4 Proteomic Profiling Distinguishes Acute Lymphoid Leukemia (ALL) from Acute Myeloid Leukemia (AML) and Associates with Overall Survival and Tyrosine Kinase Inhibitor Sensitivity in Adult ALL. Blood, 2019, 134, 1460-1460.	1.4	0
110	Cigarette Smoke Exposure in Mice using a Whole-Body Inhalation System. Journal of Visualized Experiments, 2020, , .	0.3	0
111	Cigarette Smoke or Cigarette Condensate Exposure Accelerates Growth of FLT3-ITD AML Models, Induces Oxidative Stress, and Alters DNA Methylation. Blood, 2021, 138, 3331-3331.	1.4	0
112	Cigarette Smoke or Cigarette Condensate Exposure Enhances Growth of FLT3-ITD AML Models and Alters DNA Methylation and Leukemic Gene Expression. Blood, 2020, 136, 29-30.	1.4	0