

# Joya Chandra

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3390580/publications.pdf>

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	Cooking After Cancer: the Structure and Implementation of a Community-Based Cooking Program for Cancer Survivors. <i>Journal of Cancer Education</i> , 2022, 37, 539-545.	1.3	3
2	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
3	Targeting the NRF2/HO-1 Antioxidant Pathway in FLT3-ITD-Positive AML Enhances Therapy Efficacy. <i>Antioxidants</i> , 2022, 11, 717.	5.1	13
4	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
5	Exercise intervention decreases acute and late doxorubicin-induced cardiotoxicity. <i>Cancer Medicine</i> , 2021, 10, 7572-7584.	2.8	17
6	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
7	Cigarette Smoke or Cigarette Condensate Exposure Accelerates Growth of FLT3-ITD AML Models, Induces Oxidative Stress, and Alters DNA Methylation. <i>Blood</i> , 2021, 138, 3331-3331.	1.4	0
8	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
9	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
10	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
11	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
12	Feasibility and Acceptability Findings of an Energy Balance Data Repository of Children, Adolescents, and Young Adults with Cancer. <i>Journal of Clinical Medicine</i> , 2020, 9, 2879.	2.4	0
13	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
14	High Rates of Obesity at Presentation Persist into Survivorship across Childhood Cancer Types. <i>Childhood Obesity</i> , 2020, 16, 250-257.	1.5	6
15	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
16	The Healthy Cooking Index does not Predict the Carotenoid Content of Home-Cooked Meals. <i>Nutrients</i> , 2020, 12, 524.	4.1	1
17	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
18	Nutritional concerns of survivors of childhood cancer: A “First World” perspective. <i>Pediatric Blood and Cancer</i> , 2020, 67, e28193.	1.5	14

#	ARTICLE	IF	CITATIONS
19	Cigarette Smoke Exposure in Mice using a Whole-Body Inhalation System. Journal of Visualized Experiments, 2020, , .	0.3	0
20	Cigarette Smoke Exposure in Mice using a Whole-Body Inhalation System. Journal of Visualized Experiments, 2020, , .	0.3	4
21	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
22	Antileukemia Effects of Notch-Mediated Inhibition of Oncogenic PLK1 in B-Cell Acute Lymphoblastic Leukemia. Molecular Cancer Therapeutics, 2019, 18, 1615-1627.	4.1	8
23	Acceleration of AML Progression By Cigarette Smoke Exposure or Condensate Exposure and Associated DNA Methylation Alterations. Blood, 2019, 134, 2554-2554.	1.4	1
24	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
25	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
26	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
27	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
28	Combinatorial effects of histone deacetylase inhibitors (HDACi), vorinostat and entinostat, and adaphostin are characterized by distinct redox alterations. Cancer Chemotherapy and Pharmacology, 2018, 81, 483-495.	2.3	11
29	Development and Feasibility of a Community-Based, Culturally Flexible Colorectal Cancer Prevention Program. Journal of Community Health, 2018, 43, 882-885.	3.8	7
30	Aerobic Exercise During Early Murine Doxorubicin Exposure Mitigates Cardiac Toxicity. Journal of Pediatric Hematology/Oncology, 2018, 40, 208-215.	0.6	32
31	Diet and exercise interventions for pediatric cancer patients during therapy: tipping the scales for better outcomes. Pediatric Research, 2018, 83, 50-56.	2.3	21
32	Characterization of TRKA signaling in acute myeloid leukemia. Oncotarget, 2018, 9, 30092-30105.	1.8	15
33	IMMU-19. LSD1 MODULATES NK CELL IMMUNOTHERAPY THROUGH AN ONCO-IMMUNOGENIC GENE SIGNATURE IN DIPG. Neuro-Oncology, 2018, 20, i102-i102.	1.2	2
34	Cutting Edge Therapeutic Insights Derived from Molecular Biology of Pediatric High-Grade Glioma and Diffuse Intrinsic Pontine Glioma (DIPG). Bioengineering, 2018, 5, 88.	3.5	15
35	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
36	Abstract 3008: Effect of exercise on acute and late onset Doxorubicin-induced cardiotoxicity. , 2018, , .		3

#	ARTICLE	IF	CITATIONS
37	Abstract 5871: Efficacy and selectivity of novel dually targeted kinase inhibitors for therapy of adult and pediatric high-grade glioma. , 2018, , .		0
38	Healthy cooking classes at a children's cancer hospital and patient/survivor summer camps: initial reactions and feasibility. Public Health Nutrition, 2017, 20, 1650-1656.	2.2	17
39	The ubiquitin-proteasome pathway in adult and pediatric brain tumors: biological insights and therapeutic opportunities. Cancer and Metastasis Reviews, 2017, 36, 617-633.	5.9	7
40	A randomized nutrition counseling intervention in pediatric leukemia patients receiving steroids results in reduced caloric intake. Pediatric Blood and Cancer, 2017, 64, 374-380.	1.5	20
41	Abstract CT029: A phase I study of vorinostat and temsirolimus in children with newly diagnosed or progressive diffuse intrinsic pontine glioma (DIPG). , 2017, , .		0
42	An evidence-based conceptual framework of healthy cooking. Preventive Medicine Reports, 2016, 4, 23-28.	1.8	60
43	Psychometric Analysis of the Three-Factor Eating Questionnaire-R18V2 in Adolescent and Young Adult-Aged Central Nervous System Tumor Survivors. Journal of Adolescent and Young Adult Oncology, 2016, 5, 278-285.	1.3	4
44	Parental involvement in exercise and diet interventions for childhood cancer survivors: a systematic review. Pediatric Research, 2016, 80, 338-346.	2.3	29
45	Induction of cell death by the novel proteasome inhibitor marizomib in glioblastoma in vitro and in vivo. Scientific Reports, 2016, 6, 18953.	3.3	38
46	Small Molecular Inhibitors Targeting Chromatin Regulating Proteins for Cancer. Current Protein and Peptide Science, 2016, 17, 455-462.	1.4	1
47	Analysis of redox and apoptotic effects of anthracyclines to delineate a cardioprotective strategy. Cancer Chemotherapy and Pharmacology, 2015, 76, 1297-1307.	2.3	10
48	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
49	Inhibition of Methyltransferases Accelerates Degradation of cFLIP and Sensitizes B-Cell Lymphoma Cells to TRAIL-Induced Apoptosis. PLoS ONE, 2015, 10, e0117994.	2.5	18
50	Efficacy of panobinostat and marizomib in acute myeloid leukemia and bortezomib-resistant models. Leukemia Research, 2015, 39, 371-379.	0.8	16
51	Preclinical activity of combined HDAC and KDM1A inhibition in glioblastoma. Neuro-Oncology, 2015, 17, 1463-1473.	1.2	61
52	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
53	Panobinostat, a pan-histone deacetylase inhibitor: Rationale for and application to treatment of multiple myeloma. Drugs of Today, 2015, 51, 491.	1.1	28
54	A NOX2/Egr-1/Fyn pathway delineates new targets for TKI-resistant malignancies. Oncotarget, 2015, 6, 23631-23646.	1.8	17

#	ARTICLE	IF	CITATIONS
55	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
56	Abstract 3591: Inhibition of heme oxygenase 1 decreases proliferation and resensitizes TKI-resistant Flt3-ITD-positive AML cells. , 2015, , .		0
57	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
58	Abstract 960: Targeting Egr-1 is an effective strategy for overcoming kinase inhibitor resistance in CML. , 2014, , .		0
59	Abstract 511: EGFR-initated NADPH oxidase activity regulates Fyn expression in glioblastoma multiforme. , 2014, , .		1
60	Abstract 1711: Proteasomal alterations in a newly created model of FLT3-ITD positive AML with acquired pan-TKI resistance. , 2014, , .		0
61	Accelerated Degradation of cFLIP Mediated By Inhibition of Methyltransferases Sensitizes B-Cell Lymphoma Cells to TRAIL-Induced Apoptosis. <i>Blood</i> , 2014, 124, 920-920.	1.4	0
62	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
63	Redox Control of Leukemia: From Molecular Mechanisms to Therapeutic Opportunities. <i>Antioxidants and Redox Signaling</i> , 2013, 18, 1349-1383.	5.4	114
64	Smooth muscle hyperplasia due to loss of smooth muscle $\alpha$ -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
65	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
66	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
67	The lasting influence of LSD1 in the blood. <i>ELife</i> , 2013, 2, e00963.	6.0	9
68	Abstract B49: Mechanism of cell death induction by dual targeting of HDACs and lysine specific demethylase, LSD1, in leukemias and brain tumors. , 2013, , .		0
69	Abstract C45: Comparison of kinetics and mechanism of cell death induction by the proteasome inhibitors bortezomib and marizomib in glioblastoma.. , 2013, , .		0
70	Uncovering Cardioprotective Strategies For Anthracycline Therapy By Analysis Of Redox and Apoptotic Effects. <i>Blood</i> , 2013, 122, 1293-1293.	1.4	8
71	Malnutrition and obesity in pediatric oncology patients: Causes, consequences, and interventions. <i>Pediatric Blood and Cancer</i> , 2012, 59, 1160-1167.	1.5	58
72	Inhibition of the NADPH oxidase regulates heme oxygenase 1 expression in chronic myeloid leukemia. <i>Cancer</i> , 2012, 118, 3433-3445.	4.1	23

#	ARTICLE	IF	CITATIONS
73	Expression and Activity of Fyn Mediate Proliferation and Blastic Features of Chronic Myelogenous Leukemia. PLoS ONE, 2012, 7, e51611.	2.5	25
74	Abstract 5434: Oxidative stress analysis in peripheral blood mononuclear cells of pediatric leukemia undergoing chemotherapy: Correlations with dietary intake. , 2012, , .		0
75	Inhibition of LSD1 sensitizes glioblastoma cells to histone deacetylase inhibitors. Neuro-Oncology, 2011, 13, 894-903.	1.2	122
76	Therapeutic Utility of Proteasome Inhibitors for Acute Leukemia. , 2011, , 273-298.		0
77	Specific and prolonged proteasome inhibition dictates apoptosis induction by marizomib and its analogs. Chemico-Biological Interactions, 2011, 194, 58-68.	4.0	19
78	Therapeutic Strategies to Enhance the Anticancer Efficacy of Histone Deacetylase Inhibitors. Journal of Biomedicine and Biotechnology, 2011, 2011, 1-17.	3.0	68
79	HDAC and LSD1 Inhibitors Synergize to Induce Cell Death in Acute Leukemia Cells. Blood, 2011, 118, 1427-1427.	1.4	4
80	Herceptin Conjugates Linked by EDC Boost Direct Tumor Cell Death via Programmed Tumor Cell Necrosis. PLoS ONE, 2011, 6, e23270.	2.5	8
81	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
82	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
83	Inhibition of IGF1R tyrosine kinase induces apoptosis and cell cycle arrest in imatinib-resistant chronic myeloid leukaemia cells. Journal of Cellular and Molecular Medicine, 2010, 14, 1777-1792.	3.6	19
84	Can Anthracycline Therapy for Pediatric Malignancies Be Less Cardiotoxic?. Current Oncology Reports, 2010, 12, 411-419.	4.0	34
85	PCI-24781, a Novel Hydroxamic Acid HDAC Inhibitor, Exerts Cytotoxicity and Histone Alterations via Caspase-8 and FADD in Leukemia Cells. International Journal of Cell Biology, 2010, 2010, 1-10.	2.5	28
86	Abstract 5429: Inhibition of LSD1 and HDACs causes synergistic cell death in glioblastoma cells. , 2010, , .		0
87	Oxidative Stress by Targeted Agents Promotes Cytotoxicity in Hematologic Malignancies. Antioxidants and Redox Signaling, 2009, 11, 1123-1137.	5.4	42
88	Anti-angiogenic properties of metronomic topotecan in ovarian carcinoma. Cancer Biology and Therapy, 2009, 8, 1596-1603.	3.4	43
89	Oxidative Stress Promotes Transcriptional Up-regulation of Fyn in BCR-ABL1-expressing Cells. Journal of Biological Chemistry, 2009, 284, 7114-7125.	3.4	30
90	ABT-737, a BH3 mimetic, induces glutathione depletion and oxidative stress. Cancer Chemotherapy and Pharmacology, 2009, 65, 41-54.	2.3	33

#	ARTICLE	IF	CITATIONS
91	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
92	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
93	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
94	BCR-ABL1 mediates up-regulation of Fyn in chronic myelogenous leukemia. <i>Blood</i> , 2008, 111, 2904-2908.	1.4	54
95	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
96	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
97	Potential of Reactive Oxygen Species Is a Marker for Synergistic Cytotoxicity of MS-275 and 5-Azacytidine in Leukemic Cells.. <i>Blood</i> , 2007, 110, 4343-4343.	1.4	0
98	Induction of Oxidative Stress and Glutathione Depletion by ABT-737, a Novel Small Molecule Inhibitor of Bcl-2, Contributes to Cytotoxicity in Leukemia Cells.. <i>Blood</i> , 2007, 110, 4336-4336.	1.4	0
99	Adaphostin-induced oxidative stress overcomes BCR/ABL mutation-dependent and -independent imatinib resistance. <i>Blood</i> , 2006, 107, 2501-2506.	1.4	76
100	Adaphostin has significant and selective activity against chronic and acute myeloid leukemia cells. <i>Cancer Science</i> , 2006, 97, 952-960.	3.9	19
101	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
102	Fyn Upregulation Is a Novel ROS-Dependent Mechanism Controlling CML Growth, Progression and Imatinib Resistance.. <i>Blood</i> , 2006, 108, 2241-2241.	1.4	0
103	ERBB Signaling Promotes BCR-Abl Expression and Modulates Multiple Signaling Pathways as Assessed by High-Throughput, Reverse Phase Protein Array.. <i>Blood</i> , 2006, 108, 4349-4349.	1.4	0
104	Increased Superoxide Levels, HO-1 and Fyn Protein Expression in Bcr/abl Overexpressing Cells: Implications for Adaptation and Survival in an Oxidatively Challenging Environment.. <i>Blood</i> , 2005, 106, 4403-4403.	1.4	0
105	The Novel, Orally Active Proteasome Inhibitor, NPI-0052, Induces Apoptosis in Leukemia Lymphoma Cell Lines and Patient Specimens.. <i>Blood</i> , 2005, 106, 241-241.	1.4	1
106	Effects of Adaphostin, a Novel Tyrophostin Inhibitor, in Diverse Models of Imatinib Mesylate Resistance.. <i>Blood</i> , 2004, 104, 2097-2097.	1.4	2
107	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
108	Involvement of reactive oxygen species in adaphostin-induced cytotoxicity in human leukemia cells. <i>Blood</i> , 2003, 102, 4512-4519.	1.4	66

#	ARTICLE	IF	CITATIONS
109	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
110	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
111	Proteasome Inhibitors Induce Apoptosis in Glucocorticoid-Resistant Chronic Lymphocytic Leukemic Lymphocytes. <i>Blood</i> , 1998, 92, 4220-4229.	1.4	125
112	Proteasome Inhibitors Induce Apoptosis in Glucocorticoid-Resistant Chronic Lymphocytic Leukemic Lymphocytes. <i>Blood</i> , 1998, 92, 4220-4229.	1.4	2