

Debananda Pati

List of Publications by Year in descending order

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47
papers

1,864
citations

257450

24
h-index

265206

42
g-index

48
all docs

48
docs citations

48
times ranked

2663
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and Evaluation of a Class of Compounds Inhibiting the Growth of Stromal Antigen 2 (STAG2)â€Mutant Ewing Sarcoma Cells.. ChemMedChem, 2022, , .	3.2	1
2	PDS5A and PDS5B in Cohesin Function and Human Disease. International Journal of Molecular Sciences, 2021, 22, 5868.	4.1	20
3	Stability and pharmacokinetics of separase inhibitor-Sepin-1 in Sprague-Dawley rats. Biochemical Pharmacology, 2020, 174, 113808.	4.4	0
4	Toxicity study of separase inhibitorâ€Sepin-1 in Sprague-Dawley rats. Pathology Research and Practice, 2020, 216, 152730.	2.3	3
5	Haploinsufficiency of cohesin protease, Separase, promotes regeneration of hematopoietic stem cells in mice. Stem Cells, 2020, 38, 1624-1636.	3.2	1
6	Cohesin subunit RAD21: From biology to disease. Gene, 2020, 758, 144966.	2.2	55
7	Data set on Separase Inhibitorâ€Sepin-1 toxicity on organ weights, hematology and clinical parameters in Sprague-Dawley rats. Data in Brief, 2020, 29, 105159.	1.0	0
8	Acute myeloid leukemia with eosinophilia after cyclinâ€dependent kinases 4/6 inhibitor treatment due to underlying clonal hematopoiesis of indeterminate potential. American Journal of Hematology, 2019, 94, E82-E85.	4.1	2
9	Separase Inhibitor Sepin-1 Inhibits Foxm1 Expression and Breast Cancer Cell Growth. Journal of Cancer Science & Therapy, 2018, 10, .	1.7	14
10	The Metabolism of Separase Inhibitor Sepin-1 in Human, Mouse, and Rat Liver Microsomes. Frontiers in Pharmacology, 2018, 9, 313.	3.5	7
11	Biology and insights into the role of cohesin protease separase in human malignancies. Biological Reviews, 2017, 92, 2070-2083.	10.4	31
12	Synthesis and activity of benzimidazole-1,3-dioxide inhibitors of separase. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 4446-4450.	2.2	8
13	C-terminus of Sororin interacts with SA2 and regulates sister chromatid cohesion. Cell Cycle, 2015, 14, 820-826.	2.6	13
14	Lysyl hydroxylase 2 induces a collagen cross-link switch in tumor stroma. Journal of Clinical Investigation, 2015, 125, 1147-1162.	8.2	134
15	MMTV-Espl1 transgenic mice develop aneuploid, estrogen receptor alpha (ER \pm)-positive mammary adenocarcinomas. Oncogene, 2014, 33, 5511-5522.	5.9	66
16	Identification and Characterization of Separase Inhibitors (Sepins) for Cancer Therapy. Journal of Biomolecular Screening, 2014, 19, 878-889.	2.6	31
17	Spatial quantitation of FISH signals in diploid versus aneuploid nuclei. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2014, 85, 339-352.	1.5	6
18	Overexpression and constitutive nuclear localization of cohesin protease Separase protein correlates with high incidence of relapse and reduced overall survival in glioblastoma multiforme. Journal of Neuro-Oncology, 2014, 119, 27-35.	2.9	24

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19	Characterization of the Interaction between the Cohesin Subunits Rad21 and SA1/2. PLoS ONE, 2013, 8, e69458.	2.5	35
20	A cohesin-RAD21 interactome. Biochemical Journal, 2012, 442, 661-670.	3.7	20
21	Higher-order orchestration of hematopoiesis: Is cohesin a new player?. Experimental Hematology, 2012, 40, 967-973.	0.4	21
22	Sororin is a master regulator of sister chromatid cohesion and separation. Cell Cycle, 2012, 11, 2073-2083.	2.6	45
23	Separase Loss of Function Cooperates with the Loss of p53 in the Initiation and Progression of T- and B-Cell Lymphoma, Leukemia and Aneuploidy in Mice. PLoS ONE, 2011, 6, e22167.	2.5	32
24	Calpain-1 Cleaves Rad21 To Promote Sister Chromatid Separation. Molecular and Cellular Biology, 2011, 31, 4335-4347.	2.3	23
25	Interaction of Sororin Protein with Polo-like Kinase 1 Mediates Resolution of Chromosomal Arm Cohesion. Journal of Biological Chemistry, 2011, 286, 41826-41837.	3.4	45
26	Role of Sororin in sister chromatid cohesion and separation in vertebrates. FASEB Journal, 2010, 24, 878.8.	0.5	0
27	Role of Cohesin-Resolving Protease, Separase, In Hematopoiesis.. Blood, 2010, 116, 1593-1593.	1.4	4
28	Handcuff for sisters: A new model for sister chromatid cohesion. Cell Cycle, 2009, 8, 399-402.	2.6	27
29	Overexpression and Mislocalization of the Chromosomal Segregation Protein Separase in Multiple Human Cancers. Clinical Cancer Research, 2009, 15, 2703-2710.	7.0	73
30	Road to the crossroads of life and death: Linking sister chromatid cohesion and separation to aneuploidy, apoptosis and cancer. Critical Reviews in Oncology/Hematology, 2009, 72, 181-193.	4.4	26
31	Development and validation of a fluorogenic assay to measure separase enzyme activity. Analytical Biochemistry, 2009, 392, 133-138.	2.4	11
32	Poly(ADP-ribose) polymerase inhibitor ABT-888 potentiates the cytotoxic activity of temozolomide in leukemia cells: influence of mismatch repair status and O ⁶ -methylguanine-DNA methyltransferase activity. Molecular Cancer Therapeutics, 2009, 8, 2232-2242.	4.1	77
33	Overexpression of Separase induces aneuploidy and mammary tumorigenesis. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 13033-13038.	7.1	133
34	Cell Cycle Regulator Gene CDC5L, a Potential Target for p12-p21 Amplicon in Osteosarcoma. Molecular Cancer Research, 2008, 6, 937-946.	3.4	82
35	A handcuff model for the cohesin complex. Journal of Cell Biology, 2008, 183, 1019-1031.	5.2	162
36	Oncogenic activity of separase. Cell Cycle, 2008, 7, 3481-3482.	2.6	23

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37	RAD51C deficiency in mice results in early prophase I arrest in males and sister chromatid separation at metaphase II in females. <i>Journal of Cell Biology</i> , 2007, 176, 581-592.	5.2	118
38	A Phase 1 Study of the Proteasome Inhibitor Bortezomib in Pediatric Patients with Refractory Leukemia: a Children's Oncology Group Study. <i>Clinical Cancer Research</i> , 2007, 13, 1516-1522.	7.0	142
39	Hormone-Induced Chromosomal Instability in p53-Null Mammary Epithelium. <i>Cancer Research</i> , 2004, 64, 5608-5616.	0.9	40
40	Linking Sister Chromatid Cohesion and Apoptosis: Role of Rad21. <i>Molecular and Cellular Biology</i> , 2002, 22, 8267-8277.	2.3	63
41	Involvement of Protein Kinase C and Arachidonic Acid Pathways in the Gonadotropin-Releasing Hormone Regulation of Oocyte Meiosis and Follicular Steroidogenesis in the Goldfish Ovary1. <i>Biology of Reproduction</i> , 2002, 66, 813-822.	2.7	44
42	Human Cdc34 and Rad6B Ubiquitin-Conjugating Enzymes Target Repressors of Cyclic AMP-Induced Transcription for Proteolysis. <i>Molecular and Cellular Biology</i> , 1999, 19, 5001-5013.	2.3	77
43	Characteristics of GnRH Binding in the Gonads and Effects of Lamprey GnRH-I and -III on Reproduction in the Adult Sea Lamprey. <i>General and Comparative Endocrinology</i> , 1997, 108, 327-339.	1.8	43
44	Inhibition of Zinc-Induced Metallothionein mRNA Accumulation by Gonadotropin-Releasing Hormone in Human Hepatocarcinoma Cell Line HepG2. <i>FEBS Journal</i> , 1996, 242, 36-40.	0.2	4
45	Presence of Gonadotropin-Releasing Hormone (GnRH) Binding Sites and Compounds with GnRH-Like Activity in the Ovary of African Catfish, <i>Clarias Gariepinus</i> 1. <i>Biology of Reproduction</i> , 1994, 50, 643-652.	2.7	28
46	Extrapituitary gonadotropin-releasing hormone (GnRH) binding sites in goldfish. <i>Fish Physiology and Biochemistry</i> , 1993, 11, 43-49.	2.3	30
47	Characterization of gonadotropin-releasing hormone (GnRH) receptors in the ovary of common carp (<i>Cyprinus carpio</i>). <i>Canadian Journal of Physiology and Pharmacology</i> , 1992, 70, 268-274.	1.4	20