Birgitte B Olsen

List of Publications by Year
in descending order

31	853	471509 17	477307 29
papers	citations	h-index	g-index

31	31	31	1308
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Disruption of the Regulatory Î² Subunit of Protein Kinase CK2 in Mice Leads to a Cell-Autonomous Defect and Early Embryonic Lethality. Molecular and Cellular Biology, 2003, 23, 908-915.	2.3	233
2	The Basic Principles of FDG-PET/CT Imaging. PET Clinics, 2014, 9, 355-370.	3.0	84
3	Downregulation of protein kinase CK2 induces autophagic cell death through modulation of the mTOR and MAPK signaling pathways in human glioblastoma cells. International Journal of Oncology, 2012, 41, 1967-1976.	3.3	62
4	Emodin negatively affects the phosphoinositide 3-kinase/AKT signalling pathway: A study on its mechanism of action. International Journal of Biochemistry and Cell Biology, 2007, 39, 227-237.	2.8	60
5	Protein kinase CK2 localizes to sites of DNA double-strand break regulating the cellular response to DNA damage. BMC Molecular Biology, 2012, 13, 7.	3.0	53
6	Resorufin: a lead for a new protein kinase CK2 inhibitor. Anti-Cancer Drugs, 2009, 20, 238-248.	1.4	30
7	The use of radiocobalt as a label improves imaging of EGFR using DOTA-conjugated Affibody molecule. Scientific Reports, 2017, 7, 5961.	3.3	29
8	Biochemical characterization of CK2Î± and Î±â€² paralogues and their derived holoenzymes: evidence for the existence of a heterotrimeric CK2Î±â€²-holoenzyme forming trimeric complexes. Molecular and Cellular Biochemistry, 2008, 316, 37-47.	3.1	28
9	The Protein Kinase CK2Andante Holoenzyme Structure Supports Proposed Models of Autoregulation and Trans-Autophosphorylation. Journal of Molecular Biology, 2014, 426, 1871-1882.	4.2	28
10	Interaction between CK2Î± and CK2Î², the Subunits of Protein Kinase CK2: Thermodynamic Contributions of Key Residues on the CK2Î± Surface. Biochemistry, 2011, 50, 512-522.	2.5	26
11	Evaluation of Cobalt-Labeled Octreotide Analogs for Molecular Imaging and Auger Electronâ€“Based Radionuclide Therapy. Journal of Nuclear Medicine, 2014, 55, 1311-1316.	5.0	25
12	Improving Contrast and Detectability: Imaging with [⁵⁵Co]Co-DOTATATE in Comparison with [⁶⁴Cu]Cu-DOTATATE and [⁶⁸Ga]Ga-DOTATATE. Journal of Nuclear Medicine, 2020, 61, 228-233.	5.0	23
13	Cannabidiol Induces Cell Death in Human Lung Cancer Cells and Cancer Stem Cells. Pharmaceuticals, 2021, 14, 1169.	3.8	23
14	In Vivo Evaluation of a Bombesin Analogue Labeled with Ga-68 and Co-55/57. Molecular Imaging and Biology, 2016, 18, 368-376.	2.6	21
15	Protein kinase CK2 phosphorylates the Fas-associated factor FAF1 in vivo and influences its transport into the nucleus. FEBS Letters, 2003, 546, 218-222.	2.8	20
16	Evaluation of somatostatin and nucleolin receptors for therapeutic delivery in non-small cell lung cancer stem cells applying the somatostatin-analog DOTATATE and the nucleolin-targeting aptamer AS1411. PLoS ONE, 2017, 12, e0178286.	2.5	20
17	Highly Effective Auger-Electron Therapy in an Orthotopic Glioblastoma Xenograft Model using Convection-Enhanced Delivery. Theranostics, 2016, 6, 2278-2291.	10.0	19
18	A PSMA Ligand Labeled with Cobalt-55 for PET Imaging of Prostate Cancer. Molecular Imaging and Biology, 2017, 19, 915-922.	2.6	14

#	Article	IF	Citations
19	Dual time-point FDG PET/CT and FDG uptake and related enzymes in lymphadenopathies: preliminary results. European Journal of Nuclear Medicine and Molecular Imaging, 2016, 43, 1824-1836.	6.4	10
20	Lack of the catalytic subunit of DNA-dependent protein kinase (DNA-PKcs) is accompanied by increased CK2Î±â€² levels. Molecular and Cellular Biochemistry, 2011, 356, 139-147.	3.1	7
21	Chelation, formulation, encapsulation, retention, and in vivo biodistribution of hydrophobic nanoparticles labelled with 57Co-porphyrin: Oleylamine ensures stable chelation of cobalt in nanoparticles that accumulate in tumors. Journal of Controlled Release, 2018, 291, 11-25.	9.9	6
22	Preclinical Evaluation of the Copper-64 Labeled GRPR-Antagonist RM26 in Comparison with the Cobalt-55 Labeled Counterpart for PET-Imaging of Prostate Cancer. Molecules, 2020, 25, 5993.	3.8	6
23	Novel radioisotope-based nanomedical approaches. European Journal of Nanomedicine, 2013, 5, .	0.6	5
24	Characterization of ATM and DNA-PK wild-type and mutant cell lines upon DSB induction in the presence and absence of CK2 inhibitors. International Journal of Oncology, 2011, 40, 592-8.	3.3	4
25	Role of polyamines in determining the cellular response to chemotherapeutic agents: modulation of protein kinase CK2 expression and activity. Molecular and Cellular Biochemistry, 2011, 356, 149-158.	3.1	4
26	Exploring the intramolecular phosphorylation sites in human Chk2. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2008, 646, 50-59.	1.0	3
27	Linked Hexokinase and Glucose-6-Phosphatase Activities Reflect Grade of Ovarian Malignancy. Molecular Imaging and Biology, 2019, 21, 375-381.	2.6	3
28	Cisplatin-Resistant CD44+ Lung Cancer Cells Are Sensitive to Auger Electrons. International Journal of Molecular Sciences, 2022, 23, 7131.	4.1	3
29	Auger electron therapy of glioblastoma using [125I]5-iodo-2â€²-deoxyuridine and concomitant chemotherapy â€“ Evaluation of a potential treatment strategy. Nuclear Medicine and Biology, 2021, 96-97, 35-40.	0.6	2
30	Selectivity analysis of protein kinase CK2 inhibitors DMAT, TBB and resorufin in cisplatin-induced stress responses. International Journal of Oncology, 2009, 35, 1151-7.	3.3	1
31	Establishment of patientâ€‘derived lung tumorspheres and their response to internal irradiation by Auger electrons. International Journal of Oncology, 2022, 60, .	3.3	1