

# Birgitte B Olsen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5329497/publications.pdf>

Version: 2024-02-01

31  
papers

853  
citations

471509

17  
h-index

477307

29  
g-index

31  
all docs

31  
docs citations

31  
times ranked

1308  
citing authors

#	ARTICLE	IF	CITATIONS
1	Establishment of patient-derived lung tumorspheres and their response to internal irradiation by Auger electrons. <i>International Journal of Oncology</i> , 2022, 60, .	3.3	1
2	Cisplatin-Resistant CD44+ Lung Cancer Cells Are Sensitive to Auger Electrons. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7131.	4.1	3
3	Auger electron therapy of glioblastoma using [125I]5-iodo-2-deoxyuridine and concomitant chemotherapy – Evaluation of a potential treatment strategy. <i>Nuclear Medicine and Biology</i> , 2021, 96-97, 35-40.	0.6	2
4	Cannabidiol Induces Cell Death in Human Lung Cancer Cells and Cancer Stem Cells. <i>Pharmaceuticals</i> , 2021, 14, 1169.	3.8	23
5	Improving Contrast and Detectability: Imaging with [ <sup>55</sup> Co]Co-DOTATATE in Comparison with [ <sup>64</sup> Cu]Cu-DOTATATE and [ <sup>68</sup> Ga]Ga-DOTATATE. <i>Journal of Nuclear Medicine</i> , 2020, 61, 228-233.	5.0	23
6	Preclinical Evaluation of the Copper-64 Labeled GRPR-Antagonist RM26 in Comparison with the Cobalt-55 Labeled Counterpart for PET-Imaging of Prostate Cancer. <i>Molecules</i> , 2020, 25, 5993.	3.8	6
7	Linked Hexokinase and Glucose-6-Phosphatase Activities Reflect Grade of Ovarian Malignancy. <i>Molecular Imaging and Biology</i> , 2019, 21, 375-381.	2.6	3
8	Chelation, formulation, encapsulation, retention, and in vivo biodistribution of hydrophobic nanoparticles labelled with <sup>57</sup> Co-porphyrin: Oleylamine ensures stable chelation of cobalt in nanoparticles that accumulate in tumors. <i>Journal of Controlled Release</i> , 2018, 291, 11-25.	9.9	6
9	A PSMA Ligand Labeled with Cobalt-55 for PET Imaging of Prostate Cancer. <i>Molecular Imaging and Biology</i> , 2017, 19, 915-922.	2.6	14
10	The use of radiocobalt as a label improves imaging of EGFR using DOTA-conjugated Affibody molecule. <i>Scientific Reports</i> , 2017, 7, 5961.	3.3	29
11	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. <i>PLoS ONE</i> , 2017, 12, e0178286.	2.5	20
12	Highly Effective Auger-Electron Therapy in an Orthotopic Glioblastoma Xenograft Model using Convection-Enhanced Delivery. <i>Theranostics</i> , 2016, 6, 2278-2291.	10.0	19
13	In Vivo Evaluation of a Bombesin Analogue Labeled with Ga-68 and Co-55/57. <i>Molecular Imaging and Biology</i> , 2016, 18, 368-376.	2.6	21
14	Dual time-point FDG PET/CT and FDG uptake and related enzymes in lymphadenopathies: preliminary results. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 1824-1836.	6.4	10
15	Evaluation of Cobalt-Labeled Octreotide Analogs for Molecular Imaging and Auger Electron-Based Radionuclide Therapy. <i>Journal of Nuclear Medicine</i> , 2014, 55, 1311-1316.	5.0	25
16	The Basic Principles of FDG-PET/CT Imaging. <i>PET Clinics</i> , 2014, 9, 355-370.	3.0	84
17	The Protein Kinase CK2 Andante Holoenzyme Structure Supports Proposed Models of Autoregulation and Trans-Autophosphorylation. <i>Journal of Molecular Biology</i> , 2014, 426, 1871-1882.	4.2	28
18	Novel radioisotope-based nanomedical approaches. <i>European Journal of Nanomedicine</i> , 2013, 5, .	0.6	5

#	ARTICLE	IF	CITATIONS
19	Downregulation of protein kinase CK2 induces autophagic cell death through modulation of the mTOR and MAPK signaling pathways in human glioblastoma cells. <i>International Journal of Oncology</i> , 2012, 41, 1967-1976.	3.3	62
20	Protein kinase CK2 localizes to sites of DNA double-strand break regulating the cellular response to DNA damage. <i>BMC Molecular Biology</i> , 2012, 13, 7.	3.0	53
21	Interaction between CK2 $\alpha$ and CK2 $\beta$ , the Subunits of Protein Kinase CK2: Thermodynamic Contributions of Key Residues on the CK2 $\alpha$ Surface. <i>Biochemistry</i> , 2011, 50, 512-522.	2.5	26
22	Characterization of ATM and DNA-PK wild-type and mutant cell lines upon DSB induction in the presence and absence of CK2 inhibitors. <i>International Journal of Oncology</i> , 2011, 40, 592-8.	3.3	4
23	Role of polyamines in determining the cellular response to chemotherapeutic agents: modulation of protein kinase CK2 expression and activity. <i>Molecular and Cellular Biochemistry</i> , 2011, 356, 149-158.	3.1	4
24	Lack of the catalytic subunit of DNA-dependent protein kinase (DNA-PKcs) is accompanied by increased CK2 $\alpha$ levels. <i>Molecular and Cellular Biochemistry</i> , 2011, 356, 139-147.	3.1	7
25	Selectivity analysis of protein kinase CK2 inhibitors DMAT, TBB and resorufin in cisplatin-induced stress responses. <i>International Journal of Oncology</i> , 2009, 35, 1151-7.	3.3	1
26	Resorufin: a lead for a new protein kinase CK2 inhibitor. <i>Anti-Cancer Drugs</i> , 2009, 20, 238-248.	1.4	30
27	Biochemical characterization of CK2 $\alpha$ and $\beta$ paralogues and their derived holoenzymes: evidence for the existence of a heterotrimeric CK2 $\alpha$ -holoenzyme forming trimeric complexes. <i>Molecular and Cellular Biochemistry</i> , 2008, 316, 37-47.	3.1	28
28	Exploring the intramolecular phosphorylation sites in human Chk2. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2008, 646, 50-59.	1.0	3
29	Emodin negatively affects the phosphoinositide 3-kinase/AKT signalling pathway: A study on its mechanism of action. <i>International Journal of Biochemistry and Cell Biology</i> , 2007, 39, 227-237.	2.8	60
30	Protein kinase CK2 phosphorylates the Fas-associated factor FAF1 in vivo and influences its transport into the nucleus. <i>FEBS Letters</i> , 2003, 546, 218-222.	2.8	20
31	Disruption of the Regulatory $\beta$ Subunit of Protein Kinase CK2 in Mice Leads to a Cell-Autonomous Defect and Early Embryonic Lethality. <i>Molecular and Cellular Biology</i> , 2003, 23, 908-915.	2.3	233