

# Dmitry Soloviev

## List of Publications by Year in descending order

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32  
papers

2,186  
citations

394421

19  
h-index

434195

31  
g-index

33  
all docs

33  
docs citations

33  
times ranked

4239  
citing authors

#	ARTICLE	IF	CITATIONS
1	Imaging biomarker roadmap for cancer studies. <i>Nature Reviews Clinical Oncology</i> , 2017, 14, 169-186.	27.6	792
2	Evaluation of the Sensitivity and Specificity of <sup>11</sup> C-Metomidate Positron Emission Tomography (PET)-CT for Lateralizing Aldosterone Secretion by Conn's Adenomas. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, 100-109.	3.6	203
3	<sup>18</sup> F- $\alpha$ -choline and/or <sup>11</sup> C-acetate positron emission tomography: detection of residual or progressive subclinical disease at very low prostate-specific antigen values (<math>\leq 1\text{ ng/mL}</math>) after radical prostatectomy. <i>BJU International</i> , 2007, 99, 1415-1420.	2.5	190
4	<sup>11</sup> C-acetate PET in the early evaluation of prostate cancer recurrence. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2007, 34, 185-196.	6.4	139
5	Targeted alpha therapy in vivo: direct evidence for single cancer cell kill using <sup>149</sup> Tb-rituximab. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2004, 31, 547-554.	6.4	93
6	Dual-modality gene reporter for in vivo imaging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 415-420.	7.1	91
7	[ <sup>18</sup> F]FLT: An imaging biomarker of tumour proliferation for assessment of tumour response to treatment. <i>European Journal of Cancer</i> , 2012, 48, 416-424.	2.8	78
8	Production routes of the alpha emitting <sup>149</sup> Tb for medical application. <i>Radiochimica Acta</i> , 2002, 90, 247-252.	1.2	59
9	Prospective study evaluating the relative sensitivity of <sup>18</sup> F-NaF PET/CT for detecting skeletal metastases from renal cell carcinoma in comparison to multidetector CT and <sup>99m</sup> Tc-MDP bone scintigraphy, using an adaptive trial design. <i>Annals of Oncology</i> , 2015, 26, 2113-2118.	1.2	59
10	Labeling and Evaluation of N-[ <sup>11</sup> C]Methylated Quinoline-2-carboxamides as Potential Radioligands for Visualization of Peripheral Benzodiazepine Receptors. <i>Journal of Medicinal Chemistry</i> , 2001, 44, 579-585.	6.4	56
11	Hyperpolarized <sup>13</sup> C MRI and PET: In Vivo Tumor Biochemistry. <i>Journal of Nuclear Medicine</i> , 2011, 52, 1333-1336.	5.0	52
12	Imaging Tumor Metabolism Using Positron Emission Tomography. <i>Cancer Journal (Sudbury, Mass)</i> , 2015, 21, 129-136.	2.0	41
13	PET imaging with <sup>11</sup> C-acetate in prostate cancer: a biochemical, radiochemical and clinical perspective. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2008, 35, 942-9.	6.4	35
14	Asymmetric synthesis and preliminary evaluation of (R)- and (S)-[ <sup>11</sup> C]bisoprolol, a putative $\beta$ <sub>1</sub> -selective adrenoceptor radioligand. <i>Neurochemistry International</i> , 2001, 38, 169-180.	3.8	32
15	Preclinical Applications of 3'-Deoxy-3'-[ <sup>18</sup> F] Fluoro-thymidine in Oncology - A Systematic Review. <i>Theranostics</i> , 2017, 7, 40-50.	10.0	32
16	Captive solvent [ <sup>11</sup> C]acetate synthesis in GMP conditions. <i>Applied Radiation and Isotopes</i> , 2006, 64, 995-1000.	1.5	28
17	Preparation of [ <sup>11</sup> C] radioligands with high specific radioactivity on a commercial PET tracer synthesizer. <i>Nuclear Medicine and Biology</i> , 2003, 30, 79-83.	0.6	25
18	Late Imaging with [ <sup>11</sup> C]Acetate Improves Detection of Tumor Fatty Acid Synthesis with PET. <i>Journal of Nuclear Medicine</i> , 2014, 55, 1144-1149.	5.0	24

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19	Rapid Imaging of Tumor Cell Death In Vivo Using the C2A Domain of Synaptotagmin-I. Journal of Nuclear Medicine, 2017, 58, 881-887.	5.0	24
20	[ <sup>18</sup> F]fluoroethyltyrosine-induced Cerenkov Luminescence Improves Image-Guided Surgical Resection of Glioma. Theranostics, 2018, 8, 3991-4002.	10.0	19
21	High yield synthesis of [11C]-acetone through selective quenching of methyl lithium. Nuclear Medicine and Biology, 1999, 26, 431-435.	0.6	17
22	Automation of [11C]acyl chloride syntheses using commercially available 11C-modules. Applied Radiation and Isotopes, 2002, 57, 675-679.	1.5	17
23	Synthesis and in vivo evaluation of [11C]ICI 118551 as a putative subtype selective $\beta$ 2-adrenergic radioligand. International Journal of Pharmaceutics, 2000, 204, 101-109.	5.2	15
24	Synthesis and in vivo evaluation of 3-[11C]methyl-(3-methoxy-naphthalen)-2-yl-(1-benzyl-piperidin)-4-yl-acetate (SB-235753), as a putative dopamine D4 receptors antagonist for PET. Journal of Labelled Compounds and Radiopharmaceuticals, 2000, 43, 359-374.	1.0	12
25	Synthesis and Biodistribution of (R,S)-[O-Methyl-11C]-1-[3-(5-Methoxy-1,2,3,4-tetrahydro-1-naphthalenyl)propyl]-4-Phenylpiperazine (PNU-157760), A Putative Radioligand for 5-HT1A Receptors. Bioorganic Chemistry, 1998, 26, 91-102.	4.1	11
26	The relationship between endogenous thymidine concentrations and [18F]FLT uptake in a range of preclinical tumour models. EJNMMI Research, 2016, 6, 63.	2.5	11
27	Synthesis of [O-methyl-11C]fluvoxamine as a potential serotonin uptake site radioligand. Applied Radiation and Isotopes, 1997, 48, 749-754.	1.5	9
28	18F-C2Am: a targeted imaging agent for detecting tumor cell death in vivo using positron emission tomography. EJNMMI Research, 2020, 10, 151.	2.5	7
29	Neuro-Oncology Single-Photon Emission CT: A Current Overview. Neurographics, 2011, 1, 108-120.	0.1	6
30	Evaluation of [O-methyl-11C]fluvoxamine as a tracer for serotonin re-uptake sites. Nuclear Medicine and Biology, 2000, 27, 177-181.	0.6	5
31	509 THERAPEUTIC FATTY ACID SYNTHASE INHIBITION IN PROSTATE CANCER AND THE USE OF 11C-ACETATE TO MONITOR THERAPEUTIC EFFECTS. Journal of Urology, 2013, 189, .	0.4	4
32	Abstract 1869: Improved image-guided surgical resection of glioblastoma with [18F]-fluoroethyltyrosine Cerenkov luminescence imaging. , 2017, , .		0