

Sharon Stone-Elander

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

20
papers

813
citations

11
h-index

20
g-index

20
ext. papers

878
ext. citations

9
avg. IF

3.3
L-index

#	Paper	IF	Citations
20	[Ga]ABY-028: an albumin-binding domain (ABD) protein-based imaging tracer for positron emission tomography (PET) studies of altered vascular permeability and predictions of albumin-drug conjugate transport. <i>EJNMMI Research</i> , 2020 , 10, 106	3.6	2
19	Irreversible inhibition of cytosolic thioredoxin reductase 1 as a mechanistic basis for anticancer therapy. <i>Science Translational Medicine</i> , 2018 , 10,	17.5	106
18	Preclinical PET imaging of EGFR levels: pairing a targeting with a non-targeting Sel-tagged Affibody-based tracer to estimate the specific uptake. <i>EJNMMI Research</i> , 2016 , 6, 58	3.6	11
17	Imaging of a clinically relevant stroke model: glucose hypermetabolism revisited. <i>Stroke</i> , 2015 , 46, 835-40.	4.7	22
16	A method for comparing intra-tumoural radioactivity uptake heterogeneity in preclinical positron emission tomography studies. <i>EJNMMI Physics</i> , 2015 , 2, 19	4.4	
15	[11C]MADAM Used as a Model for Understanding the Radiometabolism of Diphenyl Sulfide Radioligands for Positron Emission Tomography (PET). <i>PLoS ONE</i> , 2015 , 10, e0137160	3.7	2
14	Comparison of methods for evaluating radiolabelled Annexin A5 uptake in pre-clinical PET oncological studies. <i>Nuclear Medicine and Biology</i> , 2014 , 41, 793-800	2.1	4
13	Site-specifically 11C-labeled Sel-tagged annexin A5 and a size-matched control for dynamic in vivo PET imaging of protein distribution in tissues prior to and after induced cell death. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013 , 1830, 2562-73	4	7
12	Combining [11C]-AnxA5 PET imaging with serum biomarkers for improved detection in live mice of modest cell death in human solid tumor xenografts. <i>PLoS ONE</i> , 2012 , 7, e42151	3.7	11
11	HER2-positive tumors imaged within 1 hour using a site-specifically 11C-labeled Sel-tagged affibody molecule. <i>Journal of Nuclear Medicine</i> , 2012 , 53, 1446-53	8.9	26
10	Tagging recombinant proteins with a Sel-tag for purification, labeling with electrophilic compounds or radiolabeling with 11C. <i>Nature Protocols</i> , 2006 , 1, 604-13	18.8	33
9	Exploiting the 21st amino acid-purifying and labeling proteins by selenolate targeting. <i>Nature Methods</i> , 2004 , 1, 61-6	21.6	82
8	Microwave-assisted cyclocondensation of 1,2-diaminobenzene with [4-18F]fluorobenzoic acid: microwave synthesis of 2-([4-18F]fluorophenyl) benzimidazole. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2004 , 47, 139-145	1.9	6
7	13th IIS (UK group) symposium. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2004 , 47, 299-334	3.4	1
6	Rapid microwave-assisted cleavage of methyl phenyl ethers: new method for synthesizing desmethyl precursors and for removing protecting groups. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2002 , 45, 529-538	1.9	6
5	Microwave applications in radiolabelling with short-lived positron-emitting radionuclides. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2002 , 45, 715-746	1.9	46
4	Microwave-enhanced radiochemistry. <i>Chemical Society Reviews</i> , 2000 , 29, 239-249	58.5	193

3	Cerebral and cerebellar activation in correlation to the action-induced dystonia in writer's cramp. <i>Movement Disorders</i> , 1998 , 13, 497-508	7	112
2	Functional neuroanatomy of visually elicited simple phobic fear: additional data and theoretical analysis. <i>Psychophysiology</i> , 1995 , 32, 43-8	4-1	134
1	¹¹ C-2-deoxy-D-glucose: synthesis and preliminary comparison with ¹¹ C-D-glucose as a tracer for cerebral energy metabolism in PET studies. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1985 , 10, 481-6		9