

# Sharon Stone-Elander

## List of Publications by Citations

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**Version:** 2024-04-28

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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	Microwave-enhanced radiochemistry. <i>Chemical Society Reviews</i> , <b>2000</b> , 29, 239-249	58.5	193
19	Functional neuroanatomy of visually elicited simple phobic fear: additional data and theoretical analysis. <i>Psychophysiology</i> , <b>1995</b> , 32, 43-8	4.1	134
18	Cerebral and cerebellar activation in correlation to the action-induced dystonia in writer's cramp. <i>Movement Disorders</i> , <b>1998</b> , 13, 497-508	7	112
17	Irreversible inhibition of cytosolic thioredoxin reductase 1 as a mechanistic basis for anticancer therapy. <i>Science Translational Medicine</i> , <b>2018</b> , 10,	17.5	106
16	Exploiting the 21st amino acid-purifying and labeling proteins by selenolate targeting. <i>Nature Methods</i> , <b>2004</b> , 1, 61-6	21.6	82
15	Microwave applications in radiolabelling with short-lived positron-emitting radionuclides. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , <b>2002</b> , 45, 715-746	1.9	46
14	Tagging recombinant proteins with a Sel-tag for purification, labeling with electrophilic compounds or radiolabeling with <sup>11</sup> C. <i>Nature Protocols</i> , <b>2006</b> , 1, 604-13	18.8	33
13	HER2-positive tumors imaged within 1 hour using a site-specifically <sup>11</sup> C-labeled Sel-tagged affibody molecule. <i>Journal of Nuclear Medicine</i> , <b>2012</b> , 53, 1446-53	8.9	26
12	Imaging of a clinically relevant stroke model: glucose hypermetabolism revisited. <i>Stroke</i> , <b>2015</b> , 46, 835-42.7		22
11	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> , <b>2016</b> , 6, 58	3.6	11
10	Combining [ <sup>11</sup> C]-Anx A5 PET imaging with serum biomarkers for improved detection in live mice of modest cell death in human solid tumor xenografts. <i>PLoS ONE</i> , <b>2012</b> , 7, e42151	3.7	11
9	<sup>11</sup> C-2-deoxy-D-glucose: synthesis and preliminary comparison with <sup>11</sup> C-D-glucose as a tracer for cerebral energy metabolism in PET studies. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>1985</b> , 10, 481-6		9
8	Site-specifically <sup>11</sup> C-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> , <b>2013</b> , 1830, 2562-73	4	7
7	Microwave-assisted cyclocondensation of 1,2-diaminobenzene with [4- <sup>18</sup> F]fluorobenzoic acid: microwave synthesis of 2-([4- <sup>18</sup> F]fluorophenyl) benzimidazole. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , <b>2004</b> , 47, 139-145	1.9	6
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> , <b>2002</b> , 45, 529-538	1.9	6
5	Comparison of methods for evaluating radiolabelled Annexin A5 uptake in pre-clinical PET oncological studies. <i>Nuclear Medicine and Biology</i> , <b>2014</b> , 41, 793-800	2.1	4
4	[ <sup>11</sup> C]MADAM Used as a Model for Understanding the Radiometabolism of Diphenyl Sulfide Radioligands for Positron Emission Tomography (PET). <i>PLoS ONE</i> , <b>2015</b> , 10, e0137160	3.7	2

- 3 [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. *EJNMMI Research*, **2020**, 10, 106 3.6 2
- 2 13th IIS (UK group) symposium. *Journal of Labelled Compounds and Radiopharmaceuticals*, **2004**, 47, 299-334 1
- 1 A method for comparing intra-tumoural radioactivity uptake heterogeneity in preclinical positron emission tomography studies. *EJNMMI Physics*, **2015**, 2, 19 4.4