

Sharon Stone-Elander

List of Publications by Year in descending order

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20
papers

978
citations

840728

11
h-index

794568

19
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20
all docs

20
docs citations

20
times ranked

1388
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Microwave-enhanced radiochemistry. <i>Chemical Society Reviews</i> , 2000, 29, 239-249. | 38.1 | 220 |
| 2 | Functional neuroanatomy of visually elicited simple phobic fear: Additional data and theoretical analysis. <i>Psychophysiology</i> , 1995, 32, 43-48. | 2.4 | 167 |
| 3 | Irreversible inhibition of cytosolic thioredoxin reductase 1 as a mechanistic basis for anticancer therapy. <i>Science Translational Medicine</i> , 2018, 10, . | 12.4 | 147 |
| 4 | Cerebral and cerebellar activation in correlation to the action-induced dystonia in Writer's cramp. <i>Movement Disorders</i> , 1998, 13, 497-508. | 3.9 | 139 |
| 5 | Exploiting the 21st amino acid's purifying and labeling proteins by selenolate targeting. <i>Nature Methods</i> , 2004, 1, 61-66. | 19.0 | 85 |
| 6 | Microwave applications in radiolabelling with short-lived positron-emitting radionuclides. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2002, 45, 715-746. | 1.0 | 57 |
| 7 | Tagging recombinant proteins with a Sel-tag for purification, labeling with electrophilic compounds or radiolabeling with ¹¹ C. <i>Nature Protocols</i> , 2006, 1, 604-613. | 12.0 | 35 |
| 8 | HER2-Positive Tumors Imaged Within 1 Hour Using a Site-Specifically ¹¹ C-Labeled Sel-Tagged Affibody Molecule. <i>Journal of Nuclear Medicine</i> , 2012, 53, 1446-1453. | 5.0 | 29 |
| 9 | Imaging of a Clinically Relevant Stroke Model. <i>Stroke</i> , 2015, 46, 835-842. | 2.0 | 26 |
| 10 | 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. | 2.5 | 13 |
| 11 | Combining [¹¹ C]-Anx5 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. | 2.5 | 11 |
| 12 | 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, 10-10, 481-6. | 2.1 | 9 |
| 13 | 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. | 1.0 | 8 |
| 14 | Site-specifically ¹¹ 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> , 2013, 1830, 2562-2573. | 2.4 | 8 |
| 15 | Microwave-assisted cyclocondensation of 1,2-diaminobenzene with [4- ¹⁸ F]fluorobenzoic acid: microwave synthesis of 2-([4- ¹⁸ F]fluorophenyl) benzimidazole. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2004, 47, 139-145. | 1.0 | 7 |
| 16 | [⁶⁸ 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. | 2.5 | 7 |
| 17 | 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. | 0.6 | 5 |
| 18 | 13th IIS(UK group) symposium. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2004, 47, 299-334. | 1.0 | 3 |

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|----|---|-----|-----------|
| 19 | [11C]MADAM Used as a Model for Understanding the Radiometabolism of Diphenyl Sulfide Radioligands for Positron Emission Tomography (PET). PLoS ONE, 2015, 10, e0137160. | 2.5 | 2 |
| 20 | A method for comparing intra-tumoural radioactivity uptake heterogeneity in preclinical positron emission tomography studies. EJNMMI Physics, 2015, 2, 19. | 2.7 | 0 |