Satoshi Nozaki

List of Publications by Year
in descending order

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40 papers	2,282 citations	279798 23 h-index	276875 41 g-index
41 all docs	41 docs citations	41 times ranked	3349 citing authors

#	Article	IF	Citations
1	PET imaging of 11C-labeled coenzyme Q10: Comparison of biodistribution between [11C]ubiquinol-10 and [11C]ubiquinone-10. Biochemical and Biophysical Research Communications, 2019, 512, 611-615.	2.1	10
2	PET Imaging Analysis of Vitamin B1 Kinetics with [11C]Thiamine and its Derivative [11C]Thiamine Tetrahydrofurfuryl Disulfide in Rats. Molecular Imaging and Biology, 2018, 20, 1001-1007.	2.6	4
3	A viable strategy for screening the effects of glycan heterogeneity on target organ adhesion and biodistribution in live mice. Chemical Communications, 2018, 54, 8693-8696.	4.1	26
4	Disulfiram enhanced delivery of orally administered copper into the central nervous system in Menkes disease mouse model. Journal of Inherited Metabolic Disease, 2018, 41, 1285-1291.	3.6	4
5	Development of Diagnostic Techniques for Early Rheumatoid Arthritis Using Positron Emission Tomography with [11C]PK11195 and [11C]Ketoprofen Tracers. Molecular Imaging and Biology, 2017, 19, 746-753.	2.6	6
6	Inâ€…Vivo Gold Complex Catalysis within Live Mice. Angewandte Chemie, 2017, 129, 3633-3638.	2.0	25
7	Inâ€…Vivo Gold Complex Catalysis within Live Mice. Angewandte Chemie - International Edition, 2017, 56, 3579-3584.	13.8	129
8	Sequential Double â€œClicksâ€•toward Structurally Wellâ€Defined Heterogeneous Nâ€Glycoclusters: The Importance of Cluster Heterogeneity on Pattern Recognition In Vivo. Advanced Science, 2017, 4, 1600394.	11.2	30
9	Glycan multivalency effects toward albumin enable N-glycan-dependent tumor targeting. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 2251-2254.	2.2	32
10	Visualizing Trimming Dependence of Biodistribution and Kinetics with Homo- and Heterogeneous N-Glycoclusters on Fluorescent Albumin. Scientific Reports, 2016, 6, 21797.	3.3	52
11	In vivo imaging of advanced glycation end products (AGEs) of albumin: first observations of significantly reduced clearance and liver deposition properties in mice. Organic and Biomolecular Chemistry, 2016, 14, 5755-5760.	2.8	4
12	Synthesis of ¹¹C-Labeled Thiamine and Fursultiamine for in Vivo Molecular Imaging of Vitamin B₁ and Its Prodrug Using Positron Emission Tomography. Journal of Organic Chemistry, 2015, 80, 6250-6258.	3.2	19
13	PET Imaging Analysis with ⁶⁴Cu in Disulfiram Treatment for Aberrant Copper Biodistribution in Menkes Disease Mouse Model. Journal of Nuclear Medicine, 2014, 55, 845-851.	5.0	25
14	A conformationally fixed analog of the peptide mimic Grb2â€“SH2 domain: synthesis and evaluation against the A431 cancer cell. Molecular BioSystems, 2013, 9, 1019.	2.9	5
15	⁶⁴Cu-DOTA-Trastuzumab PET Imaging in Patients with HER2-Positive Breast Cancer. Journal of Nuclear Medicine, 2013, 54, 1869-1875.	5.0	235
16	Template-Assisted and Self-Activating Clicked Peptide as a Synthetic Mimic of the SH2 Domain. ACS Chemical Biology, 2012, 7, 637-645.	3.4	7
17	Auxiliary-directed oxidation of ursolic acid by â€˜Ruâ€™-porphyrins: chemical modulation of cytotoxicity against tumor cell lines. Tetrahedron Letters, 2012, 53, 1756-1759.	1.4	14
18	Ursolic acid derivatives from Bangladeshi medicinal plant, Saurauja roxburghii: Isolation and cytotoxic activity against A431 and C6 glioma cell lines. Phytochemistry Letters, 2011, 4, 287-291.	1.2	21

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19	Anti-fatigue effect of dicethiamine hydrochloride is likely associated with excellent absorbability and high transformability in tissues as a vitamin B1. European Journal of Pharmacology, 2010, 635, 117-123.	3.5	10
20	Electrocyclizationâ€Based Labeling Allows Efficient In Vivo Imaging of Cellular Trafficking. ChemMedChem, 2010, 5, 841-845.	3.2	27
21	Noninvasive Imaging of Dendrimerâ€Type Nâ€Glycan Clusters: In Vivo Dynamics Dependence on Oligosaccharide Structure. Angewandte Chemie - International Edition, 2010, 49, 8195-8200.	13.8	100
22	A Combined 6Ï€-Azaelectrocyclization/Staudinger Approach to Protein and Cell Engineering: Noninvasive Tumor Targeting by N-Glycan-Engineered Lymphocytes. Journal of Carbohydrate Chemistry, 2010, 29, 118-132.	1.1	32
23	Mental and physical fatigue-related biochemical alterations. Nutrition, 2009, 25, 51-57.	2.4	70
24	Changes in plasma and tissue amino acid levels in an animal model of complex fatigue. Nutrition, 2009, 25, 597-607.	2.4	30
25	Daily oral administration of crocetin attenuates physical fatigue in human subjects. Nutrition Research, 2009, 29, 145-150.	2.9	49
26	Thiamine tetrahydrofurfuryl disulfide improves energy metabolism and physical performance during physical-fatigue loading in rats. Nutrition Research, 2009, 29, 867-872.	2.9	27
27	Molecular imaging reveals unique degenerative changes in experimental glaucoma. NeuroReport, 2009, 20, 139-144.	1.2	34
28	Effects of oral administration of caffeine and D-ribose on mental fatigue. Nutrition, 2008, 24, 233-238.	2.4	26
29	Antifatigue effects of coenzyme Q10 during physical fatigue. Nutrition, 2008, 24, 293-299.	2.4	138
30	Decrease of hepatic Î´-aminolevulinate dehydratase activity in an animal model of fatigue. Biochemical and Biophysical Research Communications, 2007, 353, 1068-1073.	2.1	10
31	Effects of ApplephenonÂ® and ascorbic acid on physical fatigue. Nutrition, 2007, 23, 419-423.	2.4	31
32	Administration of secretin for autism alters dopamine metabolism in the central nervous system. Brain and Development, 2006, 28, 99-103.	1.1	27
33	Directed differentiation of telencephalic precursors from embryonic stem cells. Nature Neuroscience, 2005, 8, 288-296.	14.8	727
34	Performance evaluation of microPET P4 for rat, rabbit and monkey. International Congress Series, 2004, 1265, 69-73.	0.2	2
35	Establishment and assessment of a rat model of fatigue. Neuroscience Letters, 2003, 352, 159-159.	2.1	3
36	Establishment and assessment of a rat model of fatigue. Neuroscience Letters, 2003, 352, 159-162.	2.1	123

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37	Recovery from fatigue: changes in local brain 2-[18F]fluoro-2-deoxy-d-glucose utilization measured by autoradiography and in brain monoamine levels of rat. Neuroscience Letters, 2003, 353, 169-172.	2.1	14
38	Improvement by repeated administration of 6R-tetrahydrobiopterin of 5,7-dihydroxytryptamine-induced abnormal behaviors in immature rats. Biochemical and Biophysical Research Communications, 2003, 302, 156-161.	2.1	6
39	Assessment of microPET performance in analyzing the rat brain under different types of anesthesia: comparison between quantitative data obtained with microPET and ex vivo autoradiography. NeuroImage, 2003, 20, 2040-2050.	4.2	106
40	In Vitro Autoradiographic Localization of 125I-Secretin Receptor Binding Sites in Rat Brain. Biochemical and Biophysical Research Communications, 2002, 292, 133-137.	2.1	35