Masaki Sekino

List of Publications by Citations

Source: https://exaly.com/author-pdf/11340048/masaki-sekino-publications-by-citations.pdf
Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

37 papers	2,555 citations	20 h-index	40 g-index
40 ext. papers	3,111 ext. citations	8.6 avg, IF	4.71 L-index

#	Paper	IF	Citations
37	Inflammation-free, gas-permeable, lightweight, stretchable on-skin electronics with nanomeshes. *Nature Nanotechnology*, **2017**, 12, 907-913	28.7	555
36	Self-powered ultra-flexible electronics via nano-grating-patterned organic photovoltaics. *Nature*, **2018**, 561, 516-521	50.4	468
35	Ultraflexible, large-area, physiological temperature sensors for multipoint measurements. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 14533-8	11.5	247
34	Ultraflexible organic amplifier with biocompatible gel electrodes. *Nature Communications*, **2016**, 7, 11425	17.4	139
33	Transparent, conformable, active multielectrode array using organic electrochemical transistors. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, 10554-10559	11.5	133
32	Ultrasoft electronics to monitor dynamically pulsing cardiomyocytes. *Nature Nanotechnology*, **2019**, 14, 156-160	28.7	115
31	Integration of Organic Electrochemical and Field-Effect Transistors for Ultraflexible, High Temporal Resolution Electrophysiology Arrays. *Advanced Materials*, **2016**, 28, 9722-9728	24	101
30	Nonthrombogenic, stretchable, active multielectrode array for electroanatomical mapping. *Science Advances*, **2018**, 4, eaau2426	14.3	89
29	Self-Adhesive and Ultra-Conformable, Sub-300 nm Dry Thin-Film Electrodes for Surface Monitoring of Biopotentials. *Advanced Functional Materials*, **2018**, 28, 1803279	15.6	81
28	Iron hydroxide nanoparticles coated with poly(ethylene glycol)-poly(aspartic acid) block copolymer as novel magnetic resonance contrast agents for in vivo cancer imaging. *Colloids and Surfaces B: Biointerfaces*, **2007**, 56, 174-81	6	80
27	Enhanced in vivo Magnetic Resonance Imaging of Tumors by PEGylated Iron-Oxide-Gold Core-Shell Nanoparticles with Prolonged Blood Circulation Properties. *Macromolecular Rapid Communications*, **2010**, 31, 1521-8	4.8	75
26	Asymmetries of prefrontal cortex in human episodic memory: effects of transcranial magnetic stimulation on learning abstract patterns. *Neuroscience Letters*, **2002**, 320, 5-8	3.3	59
25	Enhanced magnetic resonance imaging of experimental pancreatic tumor in vivo by block copolymer-coated magnetite nanoparticles with TGF-beta inhibitor. *Journal of Controlled Release*, **2009**, 140, 306-11	11.7	56
24	Evaluation of diffusional anisotropy and microscopic structure in skeletal muscles using magnetic resonance. *Magnetic Resonance Imaging*, **2006**, 24, 19-25	3.3	53
23	Biological effects of electromagnetic fields and recently updated safety guidelines for strong static magnetic fields. *Magnetic Resonance in Medical Sciences*, **2011**, 10, 1-10	2.9	50
22	1 μm-thickness ultra-flexible and high electrode-density surface electromyogram measurement sheet with 2 V organic transistors for prosthetic hand control. *IEEE Transactions on Biomedical Circuits and Systems*, **2014**, 8, 824-33	5.1	47
21	Effects of pulsed magnetic stimulation on tumor development and immune functions in mice. *Bioelectromagnetics*, **2006**, 27, 64-72	1.6	47

20	Conductivity tensor imaging of the brain using diffusion-weighted magnetic resonance imaging. *Journal of Applied Physics*, **2003**, 93, 6730-6732	2.5	37
19	Prospect of High-Field MRI. *IEEE Transactions on Applied Superconductivity*, **2010**, 20, 115-122	1.8	35
18	Ultraflexible Transparent Oxide/Metal/Oxide Stack Electrode with Low Sheet Resistance for Electrophysiological Measurements. *ACS Applied Materials & Interfaces*, **2017**, 9, 34744-34750	9.5	21
17	Ultraflexible organic light-emitting diodes for optogenetic nerve stimulation. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 21138-21146	11.5	20
16	Low-frequency conductivity tensor of rat brain tissues inferred from diffusion MRI. *Bioelectromagnetics*, **2009**, 30, 489-99	1.6	17
15	Biomagnetics and bioimaging for medical applications. *Journal of Magnetism and Magnetic Materials*, **2006**, 304, 122-127	2.8	10
14	Estimation of membrane permeability and intracellular diffusion coefficients. *Magnetic Resonance in Medical Sciences*, **2006**, 5, 1-6	2.9	5
13	Toward Detection of Transient Changes in Magnetic-Resonance Signal Intensity Arising From Neuronal Electrical Activities. *IEEE Transactions on Magnetics*, **2009**, 45, 4841-4844	2	3
12	Multicomponent proton spin‐spin relaxation of fibrin gels with magnetically oriented and randomly oriented fibrin fiber structures. *Journal of Applied Physics*, **2003**, 93, 6736-6738	2.5	3
11	A method for an accurate T1 relaxation-time measurement compensating B1 field inhomogeneity in magnetic-resonance imaging. *Journal of Applied Physics*, **2005**, 97, 10E107	2.5	3
10	Imaging of Electric Permittivity and Conductivity Using Magnetic Resonance Imaging. *IEEE Transactions on Magnetics*, **2008**, 44, 4460-4463	2	2
9	NEW HORIZON IN BIOIMAGING AND BIOMAGNETICS. *International Journal on Smart Sensing and Intelligent Systems*, **2008**, 1, 300-314	0.4	2
8	Transcranial magnetic stimulation and magnetic resonance imaging of currents and conductivity tomography of the brain. *International Congress Series*, **2004**, 1270, 9-14		1
7	Applications of Biomagnetic Stimulation for Medical Treatments and for Brain Research **2015**, 61-88		1
6	Figure-Eight Coils for Magnetic Stimulation: From Focal Stimulation to Deep Stimulation.. *Frontiers in Human Neuroscience*, **2021**, 15, 805971	3.3	0
5	Subvoxel limits of magnetic resonance angiography: One-dimensional case. *Journal of Applied Physics*, **2010**, 107, 09B326	2.5	
4	Correction to "Magnetic Resonance Imaging of Electrical Conductivity in the Human Brain" [Oct 05 4203-4205]. *IEEE Transactions on Magnetics*, **2009**, 45, 3031-3031	2	
3	Brain dynamics and biomagnetics. *International Congress Series*, **2006**, 1291, 14-21		

2	8-T static magnetic field changes the nerve excitation of slow conduction component of the rat sciatic nerve . *Pain Research*, **2006**, 21, 10-16	0
1	Flexible Light Sources. *Advances in Experimental Medicine and Biology*, **2021**, 1293, 601-612	3.6