

# Chaincy Kuo

## List of Publications by Citations

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26  
papers

617  
citations

14  
h-index

24  
g-index

29  
ext. papers

693  
ext. citations

4.5  
avg, IF

3.24  
L-index

#	Paper	IF	Citations
26	Three-dimensional reconstruction of in vivo bioluminescent sources based on multispectral imaging. <i>Journal of Biomedical Optics</i> , <b>2007</b> , 12, 024007	3.5	140
25	Multispectral Cerenkov luminescence tomography for small animal optical imaging. <i>Optics Express</i> , <b>2011</b> , 19, 12605-18	3.3	79
24	On the resolution of density anomalies in the Earth's mantle using spectral fitting of normal-mode data. <i>Geophysical Journal International</i> , <b>2002</b> , 150, 162-179	2.6	76
23	Search for new metastable particles produced in Au+Au collisions at 10.8A GeV/c. <i>Physical Review Letters</i> , <b>1995</b> , 75, 3078-3081	7.4	37
22	In vivo optical imaging of interscapular brown adipose tissue with (18)F-FDG via Cerenkov luminescence imaging. <i>PLoS ONE</i> , <b>2013</b> , 8, e62007	3.7	32
21	Comparison of rectangular and dual-planar positron emission mammography scanners. <i>IEEE Transactions on Nuclear Science</i> , <b>2002</b> , 49, 2089-2096	1.7	27
20	Use of optical imaging to progress novel therapeutics to the clinic. <i>Journal of Controlled Release</i> , <b>2013</b> , 172, 523-34	11.7	25
19	Centrality dependence of antiproton production in Au+Au collisions. <i>Physical Review Letters</i> , <b>1995</b> , 75, 3633-3636	7.4	23
18	Molecular bioluminescence imaging as a noninvasive tool for monitoring tumor growth and therapeutic response to MRI-guided laser ablation in a rat model of hepatocellular carcinoma. <i>Investigative Radiology</i> , <b>2013</b> , 48, 413-21	10.1	18
17	Light nuclei production in relativistic Au+nucleus collisions. <i>Physical Review C</i> , <b>1998</b> , 58, 1155-1164	2.7	17
16	Extraterrestrial neutrinos and Earth structure. <i>Earth and Planetary Science Letters</i> , <b>1995</b> , 133, 95-103	5.3	17
15	Impact of Multiple Scattering on Longwave Radiative Transfer Involving Clouds. <i>Journal of Advances in Modeling Earth Systems</i> , <b>2017</b> , 9, 3082-3098	7.1	16
14	Improved Representation of Surface Spectral Emissivity in a Global Climate Model and Its Impact on Simulated Climate. <i>Journal of Climate</i> , <b>2018</b> , 31, 3711-3727	4.4	15
13	4D multimodality imaging of <i>Citrobacter rodentium</i> infections in mice. <i>Journal of Visualized Experiments</i> , <b>2013</b> ,	1.6	15
12	Antiproton distributions in Au+nucleus collisions. <i>Physical Review C</i> , <b>1997</b> , 56, 1521-1535	2.7	14
11	Adaptive row-action inverse solver for fast noise-robust three-dimensional reconstructions in bioluminescence tomography: theory and dual-modality optical/computed tomography in vivo studies. <i>Journal of Biomedical Optics</i> , <b>2013</b> , 18, 76010	3.5	10
10	Deformable registration of multimodal data including rigid structures. <i>IEEE Transactions on Nuclear Science</i> , <b>2003</b> , 50, 389-392	1.7	9

- 9 Rapidity distributions of antiprotons in Si+A and Au+A collisions. *Nuclear Physics A*, **1994**, 566, 439-442 1.3 9
- 8 Large regional shortwave forcing by anthropogenic methane informed by Jovian observations. *Science Advances*, **2018**, 4, eaas9593 14.3 8
- 7 Time-Dependent Cryospheric Longwave Surface Emissivity Feedback in the Community Earth System Model. *Journal of Geophysical Research D: Atmospheres*, **2018**, 123, 789-813 4.4 7
- 6 Cerenkov luminescence imaging of interscapular brown adipose tissue. *Journal of Visualized Experiments*, **2014**, e51790 1.6 7
- 5 Flow heterogeneity following global no-flow ischemia in isolated rabbit heart. *American Journal of Physiology - Heart and Circulatory Physiology*, **2003**, 284, H654-67 5.2 6
- 4 High rate multiplicity detector for relativistic heavy-ion collisions. *Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, **1995**, 357, 283-291 1.2 5
- 3 A heavy ion spectrometer system for the measurement of projectile fragmentation of relativistic heavy ions. *Radiation Measurements*, **1997**, 27, 549-567 1.5 4
- 2 Improved sensitivity by applying spectral unmixing prior to fluorescent tomography **2008**, 1
- 1 Resolution of the spectral technique in kinetic modeling **2001**, 4321, 12