

Chaincy Kuo

List of Publications by Year in Descending Order

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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.

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	Improved Representation of Surface Spectral Emissivity in a Global Climate Model and Its Impact on Simulated Climate. <i>Journal of Climate</i> , 2018 , 31, 3711-3727	4.4	15
25	Time-Dependent Cryospheric Longwave Surface Emissivity Feedback in the Community Earth System Model. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018 , 123, 789-813	4.4	7
24	Large regional shortwave forcing by anthropogenic methane informed by Jovian observations. <i>Science Advances</i> , 2018 , 4, eaas9593	14.3	8
23	Impact of Multiple Scattering on Longwave Radiative Transfer Involving Clouds. <i>Journal of Advances in Modeling Earth Systems</i> , 2017 , 9, 3082-3098	7.1	16
22	Cerenkov luminescence imaging of interscapular brown adipose tissue. <i>Journal of Visualized Experiments</i> , 2014 , e51790	1.6	7
21	Use of optical imaging to progress novel therapeutics to the clinic. <i>Journal of Controlled Release</i> , 2013 , 172, 523-34	11.7	25
20	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> , 2013 , 18, 76010	3.5	10
19	4D multimodality imaging of <i>Citrobacter rodentium</i> infections in mice. <i>Journal of Visualized Experiments</i> , 2013 ,	1.6	15
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> , 2013 , 48, 413-21	10.1	18
17	In vivo optical imaging of interscapular brown adipose tissue with (18)F-FDG via Cerenkov luminescence imaging. <i>PLoS ONE</i> , 2013 , 8, e62007	3.7	32
16	Multispectral Cerenkov luminescence tomography for small animal optical imaging. <i>Optics Express</i> , 2011 , 19, 12605-18	3.3	79
15	Improved sensitivity by applying spectral unmixing prior to fluorescent tomography 2008 ,		1
14	Three-dimensional reconstruction of in vivo bioluminescent sources based on multispectral imaging. <i>Journal of Biomedical Optics</i> , 2007 , 12, 024007	3.5	140
13	Flow heterogeneity following global no-flow ischemia in isolated rabbit heart. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2003 , 284, H654-67	5.2	6
12	Deformable registration of multimodal data including rigid structures. <i>IEEE Transactions on Nuclear Science</i> , 2003 , 50, 389-392	1.7	9
11	On the resolution of density anomalies in the Earth's mantle using spectral fitting of normal-mode data. <i>Geophysical Journal International</i> , 2002 , 150, 162-179	2.6	76
10	Comparison of rectangular and dual-planar positron emission mammography scanners. <i>IEEE Transactions on Nuclear Science</i> , 2002 , 49, 2089-2096	1.7	27

- 9 Resolution of the spectral technique in kinetic modeling **2001**, 4321, 12
- 8 Light nuclei production in relativistic Au+nucleus collisions. *Physical Review C*, **1998**, 58, 1155-1164 2.7 17
- 7 Antiproton distributions in Au+nucleus collisions. *Physical Review C*, **1997**, 56, 1521-1535 2.7 14
- 6 A heavy ion spectrometer system for the measurement of projectile fragmentation of relativistic heavy ions. *Radiation Measurements*, **1997**, 27, 549-567 1.5 4
- 5 Centrality dependence of antiproton production in Au+Au collisions. *Physical Review Letters*, **1995**, 75, 3633-3636 7.4 23
- 4 Search for new metastable particles produced in Au+Au collisions at 10.8A GeV/c. *Physical Review Letters*, **1995**, 75, 3078-3081 7.4 37
- 3 Extraterrestrial neutrinos and Earth structure. *Earth and Planetary Science Letters*, **1995**, 133, 95-103 5.3 17
- 2 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
- 1 Rapidity distributions of antiprotons in Si+A and Au+A collisions. *Nuclear Physics A*, **1994**, 566, 439-442 1.3 9