

# Keiji Yasukawa

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1718089/publications.pdf>

Version: 2024-02-01

15  
papers

413  
citations

759233

12  
h-index

1058476

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

545  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Noninvasive Mapping of Reactive Oxygen Species by in Vivo Electron Spin Resonance Spectroscopy in Indomethacin-Induced Gastric Ulcers in Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 317, 228-235.           | 2.5 | 70        |
| 2  | In vivo imaging of oxidative stress in the kidney of diabetic mice and its normalization by angiotensin II type 1 receptor blocker. <i>Biochemical and Biophysical Research Communications</i> , 2005, 330, 415-422.                        | 2.1 | 61        |
| 3  | Non-invasive Analysis of Reactive Oxygen Species Generated in Rats with Water Immersion Restraint-induced Gastric Lesions Using In Vivo Electron Spin Resonance Spectroscopy. <i>Free Radical Research</i> , 2004, 38, 147-155.             | 3.3 | 44        |
| 4  | Non-invasive Analysis of Reactive Oxygen Species Generated in NH <sub>4</sub> OH-induced Gastric Lesions of Rats using a 300 MHz In Vivo ESR Technique. <i>Free Radical Research</i> , 2003, 37, 757-766.                                   | 3.3 | 39        |
| 5  | Involvement of nitric oxide with activation of Toll-like receptor 4 signaling in mice with dextran sodium sulfate-induced colitis. <i>Free Radical Biology and Medicine</i> , 2014, 74, 108-117.  | 2.9 | 36        |
| 6  | Redox imaging of skeletal muscle using in vivo DNP-MRI and its application to an animal model of local inflammation. <i>Free Radical Biology and Medicine</i> , 2015, 89, 1097-1104.  | 2.9 | 36        |
| 7  | Simultaneous and Spectroscopic Redox Molecular Imaging of Multiple Free Radical Intermediates Using Dynamic Nuclear Polarization-Magnetic Resonance Imaging. <i>Analytical Chemistry</i> , 2014, 86, 7234-7238.                             | 6.5 | 24        |
| 8  | Nitroxides prevent exacerbation of indomethacin-induced gastric damage in adjuvant arthritis rats. <i>Free Radical Biology and Medicine</i> , 2011, 51, 1799-1805.  | 2.9 | 20        |
| 9  | In vivo redox metabolic imaging of mitochondria assesses disease progression in non-alcoholic steatohepatitis. <i>Scientific Reports</i> , 2017, 7, 17170.  | 3.3 | 18        |
| 10 | In vivo redox imaging of dextran sodium sulfate-induced colitis in mice using Overhauser-enhanced magnetic resonance imaging. <i>Free Radical Biology and Medicine</i> , 2019, 136, 1-11.   | 2.9 | 18        |
| 11 | Dynamic nuclear polarization magnetic resonance imaging and the oxygen-sensitive paramagnetic agent OX63 provide a noninvasive quantitative evaluation of kidney hypoxia in diabetic mice. <i>Kidney International</i> , 2019, 96, 787-792. | 5.2 | 17        |
| 12 | Non-invasive monitoring of redox status in mice with dextran sodium sulphate-induced colitis. <i>Free Radical Research</i> , 2009, 43, 505-513.   | 3.3 | 16        |
| 13 | In Vivo Imaging of the Intra- and Extracellular Redox Status in Rat Stomach with Indomethacin-Induced Gastric Ulcers Using Overhauser-Enhanced Magnetic Resonance Imaging. <i>Antioxidants and Redox Signaling</i> , 2019, 30, 1147-1161.   | 5.4 | 12        |
| 14 | Redox-Based Theranostics of Gastric Ulcers Using Nitroxyl Radicals. <i>Antioxidants and Redox Signaling</i> , 2022, 36, 160-171.  | 5.4 | 2         |
| 15 | Electricity use is associated with residents' vital data and lifestyles: observational study using an IT health support system in Japan. <i>Scientific Reports</i> , 2020, 10, 17162.   | 3.3 | 0         |