

# HÃ¥kan Gustafsson

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/549456/publications.pdf>

Version: 2024-02-01

20  
papers

334  
citations

933447

10  
h-index

839539

18  
g-index

20  
all docs

20  
docs citations

20  
times ranked

518  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of the Agatston score acquired with photon-counting detector CT and energy-integrating detector CT: ex vivo study of cadaveric hearts. <i>International Journal of Cardiovascular Imaging</i> , 2022, 38, 1145-1155.	1.5	8
2	Precipitation of Mn Oxides in Quaternary Microbially Induced Sedimentary Structures (MISS), Cape Vani Paleo-Hydrothermal Vent Field, Milos, Greece. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 536.	2.0	4
3	Metformin attenuates renal medullary hypoxia in diabetic nephropathy through inhibition uncoupling protein-2. <i>Diabetes/Metabolism Research and Reviews</i> , 2019, 35, e3091.	4.0	16
4	The effect of inactin on kidney mitochondrial function and production of reactive oxygen species. <i>PLoS ONE</i> , 2018, 13, e0207728.	2.5	8
5	Kidney outer medulla mitochondria are more efficient compared with cortex mitochondria as a strategy to sustain ATP production in a suboptimal environment. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 315, F677-F681.	2.7	26
6	EPR Oximetry of Cetuximab-Treated Head-and-Neck Tumours in a Mouse Model. <i>Cell Biochemistry and Biophysics</i> , 2017, 75, 299-309.	1.8	3
7	Pronounced kidney hypoxia precedes albuminuria in type 1 diabetic mice. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 310, F807-F809.	2.7	51
8	Visualization of oxidative stress in ex vivo biopsies using electron paramagnetic resonance imaging. <i>Magnetic Resonance in Medicine</i> , 2015, 73, 1682-1691.	3.0	9
9	Biogenic Mn-Oxides in Subseafloor Basalts. <i>PLoS ONE</i> , 2015, 10, e0128863.	2.5	28
10	Combined imaging of oxidative stress and microscopic structure reveals new features in human atherosclerotic plaques. <i>Journal of Biomedical Optics</i> , 2015, 20, 020503.	2.6	4
11	EPR imaging of dose distributions aiming at applications in radiation therapy. <i>Radiation Protection Dosimetry</i> , 2014, 159, 130-136.	0.8	4
12	A system for remote dosimetry audit of 3D-CRT, IMRT and VMAT based on lithium formate dosimetry. <i>Radiotherapy and Oncology</i> , 2014, 113, 279-282.	0.6	10
13	High-resolution mapping of 1D and 2D dose distributions using X-band electron paramagnetic resonance imaging. <i>Radiation Protection Dosimetry</i> , 2014, 159, 182-187.	0.8	1
14	Repetitive Measurements of Intrarenal Oxygenation In Vivo Using L Band Electron Paramagnetic Resonance. <i>Advances in Experimental Medicine and Biology</i> , 2014, 812, 135-141.	1.6	3
15	Fe(III) distribution varies substantially within and between atherosclerotic plaques. <i>Magnetic Resonance in Medicine</i> , 2014, 71, 885-892.	3.0	11
16	A High Precision Method for Quantitative Measurements of Reactive Oxygen Species in Frozen Biopsies. <i>PLoS ONE</i> , 2014, 9, e90964.	2.5	30
17	Lithium formate EPR dosimetry for verifications of planned dose distributions prior to intensity-modulated radiation therapy. <i>Physics in Medicine and Biology</i> , 2008, 53, 4667-4682.	3.0	35
18	Enhanced sensitivity of lithium dithionates doped with rhodium and nickel for EPR dosimetry. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2005, 62, 614-620.	3.9	25

#	ARTICLE	IF	CITATIONS
19	Ammonium Formate, a Compound for Sensitive EPR Dosimetry. Radiation Research, 2004, 161, 464-470.	1.5	29
20	Radiation-induced radicals in lithium formate monohydrate (LiHCO <sub>2</sub> ·H <sub>2</sub> O). EPR and ENDOR studies of X-irradiated crystal and polycrystalline samples. Physical Chemistry Chemical Physics, 2004, 6, 3017-3022.	2.8	29