

Amandeep Kaur

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2825277/publications.pdf>

Version: 2024-02-01

31
papers

823
citations

430754

18
h-index

552653

26
g-index

35
all docs

35
docs citations

35
times ranked

1424
citing authors

#	ARTICLE	IF	CITATIONS
1	Reversible Fluorescent Probes for Biological Redox States. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1602-1613.	7.2	121
2	Cu-doping of calcium phosphate bioceramics: From mechanism to the control of cytotoxicity. <i>Acta Biomaterialia</i> , 2018, 65, 462-474.	4.1	83
3	A FRET-based ratiometric redox probe for detecting oxidative stress by confocal microscopy, FLIM and flow cytometry. <i>Chemical Communications</i> , 2015, 51, 10510-10513.	2.2	59
4	Bioinspired Small-Molecule Tools for the Imaging of Redox Biology. <i>Accounts of Chemical Research</i> , 2019, 52, 623-632.	7.6	42
5	Aspect-ratio-dependent interaction of molecular polymer brushes and multicellular tumour spheroids. <i>Polymer Chemistry</i> , 2018, 9, 3461-3465.	1.9	40
6	Mitochondrially targeted redox probe reveals the variations in oxidative capacity of the haematopoietic cells. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 6686-6689.	1.5	37
7	Atomic scale modeling of iron-doped biphasic calcium phosphate bioceramics. <i>Acta Biomaterialia</i> , 2017, 50, 78-88.	4.1	36
8	PGRMC1 phosphorylation affects cell shape, motility, glycolysis, mitochondrial form and function, and tumor growth. <i>BMC Molecular and Cell Biology</i> , 2020, 21, 24.	1.0	36
9	Hypoxia-Responsive Cobalt Complexes in Tumor Spheroids: Laser Ablation Inductively Coupled Plasma Mass Spectrometry and Magnetic Resonance Imaging Studies. <i>Inorganic Chemistry</i> , 2017, 56, 9860-9868.	1.9	34
10	A novel flavin derivative reveals the impact of glucose on oxidative stress in adipocytes. <i>Chemical Communications</i> , 2014, 50, 8181-8184.	2.2	32
11	A ratiometric fluorescent sensor for the mitochondrial copper pool. <i>Metallomics</i> , 2016, 8, 915-919.	1.0	32
12	A Carborane-Containing Fluorophore as a Stain of Cellular Lipid Droplets. <i>Chemistry - an Asian Journal</i> , 2017, 12, 1704-1708.	1.7	29
13	Toolbox of Diverse Linkers for Navigating the Cellular Efficacy Landscape of Stapled Peptides. <i>ACS Chemical Biology</i> , 2019, 14, 526-533.	1.6	28
14	X-ray absorption spectroscopy shining (synchrotron) light onto the insertion of Zn ²⁺ in calcium phosphate ceramics and its influence on their behaviour under biological conditions. <i>Journal of Materials Chemistry B</i> , 2014, 2, 536-545.	2.9	23
15	Strategies for the Molecular Imaging of Amyloid and the Value of a Multimodal Approach. <i>ACS Sensors</i> , 2020, 5, 2268-2282.	4.0	23
16	Selective and Reversible Approaches Toward Imaging Redox Signaling Using Small-Molecule Probes. <i>Antioxidants and Redox Signaling</i> , 2016, 24, 713-730.	2.5	22
17	Reversible Fluoreszenzsonden für biologische Redoxzustände. <i>Angewandte Chemie</i> , 2016, 128, 1630-1643.	1.6	21
18	Ordered and Disordered Segments of Amyloid- β Drive Sequential Steps of the Toxic Pathway. <i>ACS Chemical Neuroscience</i> , 2019, 10, 2498-2509.	1.7	21

#	ARTICLE	IF	CITATIONS
19	Studies of Hematopoietic Cell Differentiation with a Ratiometric and Reversible Sensor of Mitochondrial Reactive Oxygen Species. <i>Antioxidants and Redox Signaling</i> , 2016, 24, 667-679.	2.5	19
20	The Lipids of the Early Endosomes: Making Multimodality Work. <i>ChemBioChem</i> , 2017, 18, 1053-1060.	1.3	14
21	Pro-fluorescent mitochondria-targeted real-time responsive redox probes synthesised from carboxy isoindoline nitroxides: Sensitive probes of mitochondrial redox status in cells. <i>Free Radical Biology and Medicine</i> , 2018, 128, 97-110.	1.3	14
22	The cyclic nitroxide antioxidant 4-methoxy-TEMPO decreases mycobacterial burden in vivo through host and bacterial targets. <i>Free Radical Biology and Medicine</i> , 2019, 135, 157-166.	1.3	12
23	Versatile naphthalimide tetrazines for fluorogenic bioorthogonal labelling. <i>RSC Chemical Biology</i> , 2021, 2, 1491-1498.	2.0	12
24	Î2-Galactosidase-activated theranostic for hepatic carcinoma therapy and imaging. <i>Chemical Communications</i> , 2022, 58, 6413-6416.	2.2	10
25	A Fluorescent Sensor for Quantitative Super-Resolution Imaging of Amyloid Fibril Assembly**. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	9
26	Mechanistic Insights on How to Avoid and Harness Cyanine Photoconversion. <i>ACS Central Science</i> , 2021, 7, 1095-1098.	5.3	5
27	Fluorescent Sensors for Biological Metal Ions. , 2017, , 295-317.		4
28	A Fluorescent Sensor for Quantitative Super-Resolution Imaging of Amyloid Fibril Assembly**. <i>Angewandte Chemie</i> , 0, , .	1.6	2
29	FRET Based Ratiometric Redox Probes. <i>Springer Theses</i> , 2018, , 59-91.	0.0	0
30	Mitochondrially-Targeted Ratiometric Redox Probes. <i>Springer Theses</i> , 2018, , 93-111.	0.0	0
31	Flavin Based Redox Probes. <i>Springer Theses</i> , 2018, , 37-57.	0.0	0