

Benny Abraham Kaipparettu

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

5,271
citations

185998

28
h-index

243296

44
g-index

50
all docs

50
docs citations

50
times ranked

11224
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphene Quantum Dots Derived from Carbon Fibers. <i>Nano Letters</i> , 2012, 12, 844-849.	4.5	2,041
2	The Somatic Genomic Landscape of Chromophobe Renal Cell Carcinoma. <i>Cancer Cell</i> , 2014, 26, 319-330.	7.7	665
3	Multilevel Genomics-Based Taxonomy of Renal Cell Carcinoma. <i>Cell Reports</i> , 2016, 14, 2476-2489.	2.9	298
4	Fatty Acid Oxidation-Driven Src Links Mitochondrial Energy Reprogramming and Oncogenic Properties in Triple-Negative Breast Cancer. <i>Cell Reports</i> , 2016, 14, 2154-2165.	2.9	232
5	Elucidating cancer metabolic plasticity by coupling gene regulation with metabolic pathways. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 3909-3918.	3.3	227
6	Modeling the Genetic Regulation of Cancer Metabolism: Interplay between Glycolysis and Oxidative Phosphorylation. <i>Cancer Research</i> , 2017, 77, 1564-1574.	0.4	207
7	Elucidating the Metabolic Plasticity of Cancer: Mitochondrial Reprogramming and Hybrid Metabolic States. <i>Cells</i> , 2018, 7, 21.	1.8	167
8	Pharmacological targeting of MYC-regulated IRE1/XBP1 pathway suppresses MYC-driven breast cancer. <i>Journal of Clinical Investigation</i> , 2018, 128, 1283-1299.	3.9	163
9	Mechanisms of estrogen receptor antagonism toward p53 and its implications in breast cancer therapeutic response and stem cell regulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 15081-15086.	3.3	103
10	The autophagy inhibitor chloroquine targets cancer stem cells in triple negative breast cancer by inducing mitochondrial damage and impairing DNA break repair. <i>Cancer Letters</i> , 2016, 376, 249-258.	3.2	99
11	Therapeutic inhibition of mTORC2 rescues the behavioral and neurophysiological abnormalities associated with Pten-deficiency. <i>Nature Medicine</i> , 2019, 25, 1684-1690.	15.2	78
12	Aerobic Plus Resistance Exercise in Obese Older Adults Improves Muscle Protein Synthesis and Preserves Myocellular Quality Despite Weight Loss. <i>Cell Metabolism</i> , 2019, 30, 261-273.e6.	7.2	77
13	Crosstalk from Non-Cancerous Mitochondria Can Inhibit Tumor Properties of Metastatic Cells by Suppressing Oncogenic Pathways. <i>PLoS ONE</i> , 2013, 8, e61747.	1.1	76
14	Hybrid 2D Nanomaterials as Dual-Mode Contrast Agents in Cellular Imaging. <i>Advanced Materials</i> , 2012, 24, 2992-2998.	11.1	66
15	Inhibition of the hexosamine biosynthetic pathway promotes castration-resistant prostate cancer. <i>Nature Communications</i> , 2016, 7, 11612.	5.8	66
16	Towards decoding the coupled decision-making of metabolism and epithelial-to-mesenchymal transition in cancer. <i>British Journal of Cancer</i> , 2021, 124, 1902-1911.	2.9	63
17	Probing Highly Luminescent Europium-Doped Lanthanum Orthophosphate Nanorods for Strategic Applications. <i>Inorganic Chemistry</i> , 2015, 54, 2616-2625.	1.9	54
18	GLUT12 promotes prostate cancer cell growth and is regulated by androgens and CaMKK2 signaling. <i>Endocrine-Related Cancer</i> , 2018, 25, 453-469.	1.6	48

#	ARTICLE	IF	CITATIONS
19	Highly Luminescent Paramagnetic Nanophosphor Probes for In Vitro High-Contrast Imaging of Human Breast Cancer Cells. <i>Small</i> , 2012, 8, 3028-3034.	5.2	46
20	Tobacco-Specific Carcinogens Induce Hypermethylation, DNA Adducts, and DNA Damage in Bladder Cancer. <i>Cancer Prevention Research</i> , 2017, 10, 588-597.	0.7	46
21	Novel egg white-based 3-D cell culture system. <i>BioTechniques</i> , 2008, 45, 165-171.	0.8	45
22	Mitochondria of highly metastatic breast cancer cell line MDA-MB-231 exhibits increased autophagic properties. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2011, 1807, 1125-1132.	0.5	41
23	TP53 Status as a Determinant of Pro- vs Anti-Tumorigenic Effects of Estrogen Receptor-Beta in Breast Cancer. <i>Journal of the National Cancer Institute</i> , 2019, 111, 1202-1215.	3.0	39
24	Estrogen-mediated downregulation of CD24 in breast cancer cells. <i>International Journal of Cancer</i> , 2008, 123, 66-72.	2.3	38
25	B-cell Receptor Signaling Regulates Metabolism in Chronic Lymphocytic Leukemia. <i>Molecular Cancer Research</i> , 2017, 15, 1692-1703.	1.5	38
26	Functional effects of cancer mitochondria on energy metabolism and tumorigenesis: utility of transmitochondrial cybrids. <i>Annals of the New York Academy of Sciences</i> , 2010, 1201, 137-146.	1.8	34
27	SAFB1 Mediates Repression of Immune Regulators and Apoptotic Genes in Breast Cancer Cells. <i>Journal of Biological Chemistry</i> , 2010, 285, 3608-3616.	1.6	30
28	Bifunctional Luminomagnetic Rare-Earth Nanorods for High-Contrast Bioimaging Nanoprobes. <i>Scientific Reports</i> , 2016, 6, 32401.	1.6	29
29	Ataxia-telangiectasia mutated interacts with Parkin and induces mitophagy independent of kinase activity. Evidence from mantle cell lymphoma. <i>Haematologica</i> , 2021, 106, 495-512.	1.7	21
30	Transmitochondrial Cybrids: Tools for Functional Studies of Mutant Mitochondria. <i>Methods in Molecular Biology</i> , 2012, 837, 219-230.	0.4	20
31	Assessing Therapeutic Efficacy in Real-time by Hyperpolarized Magnetic Resonance Metabolic Imaging. <i>Cells</i> , 2019, 8, 340.	1.8	20
32	Targeting Mitochondrial Damage as a Therapeutic for Ileal Crohn's Disease. <i>Cells</i> , 2021, 10, 1349.	1.8	16
33	Fluorinated Boron Nitride Quantum Dots: A New OD Material for Energy Conversion and Detection of Cellular Metabolism. <i>Particle and Particle Systems Characterization</i> , 2019, 36, 1800346.	1.2	13
34	Eu ³⁺ doped β -sodium gadolinium fluoride luminomagnetic nanophosphor as a bimodal nanoprobe for high-contrast in vitro bioimaging and external magnetic field tracking applications. <i>RSC Advances</i> , 2016, 6, 44606-44615.	1.7	12
35	Tunable luminescence from two dimensional BCNO nanophosphor for high-contrast cellular imaging. <i>RSC Advances</i> , 2017, 7, 41486-41494.	1.7	12
36	Patient-derived iPSCs link elevated mitochondrial respiratory complex I function to osteosarcoma in Rothmund-Thomson syndrome. <i>PLoS Genetics</i> , 2021, 17, e1009971.	1.5	9

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37	Multifunctional Hybrids Based on 2D Fluorinated Graphene Oxide and Superparamagnetic Iron Oxide Nanoparticles. Particle and Particle Systems Characterization, 2017, 34, 1700245.	1.2	7
38	Poly-albumen: Bio-derived structural polymer from polymerized egg white. Materials Today Chemistry, 2018, 9, 73-79.	1.7	7
39	Frequency upconversion, paramagnetic behavior and biocompatibility of Gd ₂ O ₃ :Er ³⁺ /Yb ³⁺ nanorods. Journal of Photochemistry and Photobiology, 2021, 8, 100081.	1.1	6
40	A mechanistic modeling framework reveals the key principles underlying tumor metabolism. PLoS Computational Biology, 2022, 18, e1009841.	1.5	5
41	Scaffold attachment factor B1 (SAFB1) heterozygosity does not influence Wnt-1 or DMBA-induced tumorigenesis. Molecular Cancer, 2009, 8, 15.	7.9	1
42	Abstract P5-05-06: Metformin concentration is a deciding factor of its pro- or anti-tumor function in triple negative breast cancer. Cancer Research, 2022, 82, P5-05-06-P5-05-06.	0.4	1
43	Targeting aberrant replication and DNA repair events for treating breast cancers. Communications Biology, 2022, 5, .	2.0	1
44	Effect of autophagy inhibitor, chloroquine in triple negative breast cancer through mitochondrial damage. Journal of the American College of Surgeons, 2015, 221, e51.	0.2	0
45	Abstract 2397: Significance of the combination of biguanides and fatty acid β -oxidation inhibitors in triple-negative breast cancer. , 2021, , .		0
46	Cybrid model to understand mitochondria-nuclear cross talk in cancer. Journal of Cancer Science & Therapy, 2012, S2, .	1.7	0
47	câ€œSrc mediates intestinal stem cell response to high fat diet. FASEB Journal, 2018, 32, 759.2.	0.2	0