

Resham Bhattacharya

List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

10,371
citations

57631

44
h-index

45213

90
g-index

95
all docs

95
docs citations

95
times ranked

16401
citing authors

#	ARTICLE	IF	CITATIONS
1	Revealing macropinocytosis using nanoparticles. <i>Molecular Aspects of Medicine</i> , 2022, 83, 100993.	2.7	25
2	Targeting BMI1 mitigates chemoresistance in ovarian cancer. <i>Genes and Diseases</i> , 2022, 9, 1415-1418.	1.5	0
3	Reality CHEK: Understanding the biology and clinical potential of CHK1. <i>Cancer Letters</i> , 2021, 497, 202-211.	3.2	58
4	Gold nanoparticles inhibit activation of cancer-associated fibroblasts by disrupting communication from tumor and microenvironmental cells. <i>Bioactive Materials</i> , 2021, 6, 326-332.	8.6	31
5	Strategies for Delivering Nanoparticles across Tumor Blood Vessels. <i>Advanced Functional Materials</i> , 2021, 31, 2007363.	7.8	46
6	Hybrid Nanosystems for Biomedical Applications. <i>ACS Nano</i> , 2021, 15, 2099-2142.	7.3	100
7	Experimental conditions influence the formation and composition of the corona around gold nanoparticles. <i>Cancer Nanotechnology</i> , 2021, 12, 1.	1.9	32
8	Small Non-Coding-RNA in Gynecological Malignancies. <i>Cancers</i> , 2021, 13, 1085.	1.7	20
9	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 422 4.3 1,430	4.3	1,430
10	Evaluation of I-TAC as a potential early plasma marker to differentiate between critical and non-critical COVID-19. <i>Cell Stress</i> , 2021, 6, 6-16.	1.4	3
11	Patient-Derived Xenografts of High-Grade Serous Ovarian Cancer Subtype as a Powerful Tool in Pre-Clinical Research. <i>Cancers</i> , 2021, 13, 6288.	1.7	15
12	KRCC1: A potential therapeutic target in ovarian cancer. <i>FASEB Journal</i> , 2020, 34, 2287-2300.	0.2	5
13	When the chains do not break: the role of USP10 in physiology and pathology. <i>Cell Death and Disease</i> , 2020, 11, 1033.	2.7	35
14	Switching the intracellular pathway and enhancing the therapeutic efficacy of small interfering RNA by auroliposome. <i>Science Advances</i> , 2020, 6, eaba5379.	4.7	35
15	Cystathionine beta synthase regulates mitochondrial dynamics and function in endothelial cells. <i>FASEB Journal</i> , 2020, 34, 9372-9392.	0.2	23
16	Cystathione Î²-synthase regulates HIF-1Î± stability through persulfidation of PHD2. <i>Science Advances</i> , 2020, 6, .	4.7	24
17	<p>Targeting Pancreatic Cancer Cells and Stellate Cells Using Designer Nanotherapeutics in vitro</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 991-1003.	3.3	18
18	Micro <sc>RNA</sc> â€195 controls <sc>MICU</sc> 1 expression and tumor growth in ovarian cancer. <i>EMBO Reports</i> , 2020, 21, e48483.	2.0	29

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19	Targeting the TGF β 2 pathway in uterine carcinosarcoma. <i>Cell Stress</i> , 2020, 4, 252-260.	1.4	7
20	Nanoparticle Interactions with the Tumor Microenvironment. <i>Bioconjugate Chemistry</i> , 2019, 30, 2247-2263.	1.8	66
21	Gold Nanoparticles sensitize pancreatic cancer cells to gemcitabine. <i>Cell Stress</i> , 2019, 3, 267-279.	1.4	45
22	Hydrogen sulfide signaling in mitochondria and disease. <i>FASEB Journal</i> , 2019, 33, 13098-13125.	0.2	162
23	Protein kinase D up-regulates transcription of VEGF receptor-2 in endothelial cells by suppressing nuclear localization of the transcription factor AP2 β . <i>Journal of Biological Chemistry</i> , 2019, 294, 15759-15767.	1.6	12
24	Gold Nanoparticle Transforms Activated Cancer-Associated Fibroblasts to Quiescence. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 26060-26068.	4.0	40
25	Gold Nanoparticles Disrupt Tumor Microenvironment - Endothelial Cell Cross Talk To Inhibit Angiogenic Phenotypes <i>in Vitro</i> . <i>Bioconjugate Chemistry</i> , 2019, 30, 1724-1733.	1.8	38
26	Multifunctional APJ Pathway Promotes Ovarian Cancer Progression and Metastasis. <i>Molecular Cancer Research</i> , 2019, 17, 1378-1390.	1.5	19
27	Evaluating the Mechanism and Therapeutic Potential of PTC-028, a Novel Inhibitor of BMI-1 Function in Ovarian Cancer. <i>Molecular Cancer Therapeutics</i> , 2018, 17, 39-49.	1.9	40
28	Cystathionine β -Synthase regulates mitochondrial morphogenesis in ovarian cancer. <i>FASEB Journal</i> , 2018, 32, 4145-4157.	0.2	33
29	Inhibition of BMI1, a Therapeutic Approach in Endometrial Cancer. <i>Molecular Cancer Therapeutics</i> , 2018, 17, 2136-2143.	1.9	15
30	Cystathionine β -Synthase Is Necessary for Axis Development in Vivo. <i>Frontiers in Cell and Developmental Biology</i> , 2018, 6, 14.	1.8	14
31	MICU1 drives glycolysis and chemoresistance in ovarian cancer. <i>Nature Communications</i> , 2017, 8, 14634.	5.8	118
32	BMI1, a new target of CK2 β . <i>Molecular Cancer</i> , 2017, 16, 56.	7.9	18
33	Inhibition of BMI1 induces autophagy-mediated necroptosis. <i>Autophagy</i> , 2016, 12, 659-670.	4.3	61
34	Mitochondrial BMI1 maintains bioenergetic homeostasis in cells. <i>FASEB Journal</i> , 2016, 30, 4042-4055.	0.2	18
35	Gold Nanoparticle Reprograms Pancreatic Tumor Microenvironment and Inhibits Tumor Growth. <i>ACS Nano</i> , 2016, 10, 10636-10651.	7.3	134
36	MDR1 mediated chemoresistance: BMI1 and TIP60 in action. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2016, 1859, 983-993.	0.9	25

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37	Cystathionine β -synthase regulates endothelial function via protein S-sulfhydration. <i>FASEB Journal</i> , 2016, 30, 441-456.	0.2	102
38	Therapeutic evaluation of microRNA-15a and microRNA-16 in ovarian cancer. <i>Oncotarget</i> , 2016, 7, 15093-15104.	0.8	61
39	Bmi-1: At the crossroads of physiological and pathological biology. <i>Genes and Diseases</i> , 2015, 2, 225-239.	1.5	97
40	RhoC maintains vascular homeostasis by regulating VEGF-induced signaling in endothelial cells. <i>Journal of Cell Science</i> , 2015, 128, 3556-68.	1.2	35
41	Role of TGF- β signaling in uterine carcinosarcoma. <i>Oncotarget</i> , 2015, 6, 14646-14655.	0.8	20
42	Role of cystathionine beta synthase in lipid metabolism in ovarian cancer. <i>Oncotarget</i> , 2015, 6, 37367-37384.	0.8	31
43	Understanding Protein-Nanoparticle Interaction: A New Gateway to Disease Therapeutics. <i>Bioconjugate Chemistry</i> , 2014, 25, 1078-1090.	1.8	76
44	Sensitization of ovarian cancer cells to cisplatin by gold nanoparticles. <i>Oncotarget</i> , 2014, 5, 6453-6465.	0.8	62
45	Plumbagin inhibits tumorigenesis and angiogenesis of ovarian cancer cells <i>in vivo</i> . <i>International Journal of Cancer</i> , 2013, 132, 1201-1212.	2.3	92
46	Probing Novel Roles of the Mitochondrial Uniporter in Ovarian Cancer Cells Using Nanoparticles. <i>Journal of Biological Chemistry</i> , 2013, 288, 17610-17618.	1.6	37
47	Inhibition of tumor growth and metastasis by a self-therapeutic nanoparticle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 6700-6705.	3.3	208
48	Inhibiting the Growth of Pancreatic Adenocarcinoma In Vitro and In Vivo through Targeted Treatment with Designer Gold Nanotherapeutics. <i>PLoS ONE</i> , 2013, 8, e57522.	1.1	27
49	Cystathionine Beta-Synthase (CBS) Contributes to Advanced Ovarian Cancer Progression and Drug Resistance. <i>PLoS ONE</i> , 2013, 8, e79167.	1.1	205
50	NHERF-2 maintains endothelial homeostasis. <i>Blood</i> , 2012, 119, 4798-4806.	0.6	20
51	Identifying New Therapeutic Targets via Modulation of Protein Corona Formation by Engineered Nanoparticles. <i>PLoS ONE</i> , 2012, 7, e33650.	1.1	85
52	Intrinsic therapeutic applications of noble metal nanoparticles: past, present and future. <i>Chemical Society Reviews</i> , 2012, 41, 2943.	18.7	725
53	Back Cover: Switching the Targeting Pathways of a Therapeutic Antibody by Nanodesign (<i>Angew. Chem.</i>) Tj ETQq1_1_0.784314 rgBT / 7.2 0	7.2	0
54	Enhancing Chemotherapy Response with Bmi-1 Silencing in Ovarian Cancer. <i>PLoS ONE</i> , 2011, 6, e17918.	1.1	74

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55	Designing Nanoconjugates to Effectively Target Pancreatic Cancer Cells In Vitro and In Vivo. PLoS ONE, 2011, 6, e20347.	1.1	60
56	Regulation of vascular endothelial growth factor receptor 2 trafficking and angiogenesis by Golgi localized t-SNARE syntaxin 6. Blood, 2011, 117, 1425-1435.	0.6	84
57	Mechanism of anti-angiogenic property of gold nanoparticles: role of nanoparticle size and surface charge. Nanomedicine: Nanotechnology, Biology, and Medicine, 2011, 7, 580-587.	1.7	196
58	Inorganic Nanoparticles in Cancer Therapy. Pharmaceutical Research, 2011, 28, 237-259.	1.7	323
59	Efficient Delivery of Gold Nanoparticles by Dual Receptor Targeting. Advanced Materials, 2011, 23, 5034-5038.	11.1	48
60	Synthesis of Silver Nanocubes by Photoreduction of Silver Salts in the Presence of Proteins. International Journal of Green Nanotechnology, 2011, 3, 134-139.	0.3	2
61	Modulating Pharmacokinetics, Tumor Uptake and Biodistribution by Engineered Nanoparticles. PLoS ONE, 2011, 6, e24374.	1.1	315
62	Endothelial cell-specific chemotaxis receptor (ecscr) promotes angioblast migration during vasculogenesis and enhances VEGF receptor sensitivity. Blood, 2010, 115, 4614-4622.	0.6	37
63	Fabrication of gold nanoparticles for targeted therapy in pancreatic cancer. Advanced Drug Delivery Reviews, 2010, 62, 346-361.	6.6	376
64	A core-shell nanomaterial with endogenous therapeutic and diagnostic functions. Cancer Nanotechnology, 2010, 1, 13-18.	1.9	10
65	Nanoconjugation modulates the trafficking and mechanism of antibody induced receptor endocytosis. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 14541-14546.	3.3	126
66	Effect of Nanoparticle Surface Charge at the Plasma Membrane and Beyond. Nano Letters, 2010, 10, 2543-2548.	4.5	537
67	Sclerostin binds and regulates the activity of cysteine-rich protein 61. Biochemical and Biophysical Research Communications, 2010, 392, 36-40.	1.0	25
68	Gold nanoparticles: opportunities and challenges in nanomedicine. Expert Opinion on Drug Delivery, 2010, 7, 753-763.	2.4	437
69	Fabrication and functional characterization of goldnanoconjugates for potential application in ovarian cancer. Journal of Materials Chemistry, 2010, 20, 547-554.	6.7	85
70	MiR-15a and MiR-16 Control Bmi-1 Expression in Ovarian Cancer. Cancer Research, 2009, 69, 9090-9095.	0.4	229
71	Distinct role of PLC β 3 in VEGF-mediated directional migration and vascular sprouting. Journal of Cell Science, 2009, 122, 1025-1034.	1.2	54
72	Dopamine regulates phosphorylation of VEGF receptor 2 by engaging Src-homology-2-domain-containing protein tyrosine phosphatase 2. Journal of Cell Science, 2009, 122, 3385-3392.	1.2	48

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73	The neurotransmitter dopamine modulates vascular permeability in the endothelium. <i>Journal of Molecular Signaling</i> , 2008, 3, 14.	0.5	34
74	Src homology 2 (SH2) domain containing protein tyrosine phosphatase-1 (SHP-1) dephosphorylates VEGF Receptor-2 and attenuates endothelial DNA synthesis, but not migration. <i>Journal of Molecular Signaling</i> , 2008, 3, 8.	0.5	43
75	Biological properties of "naked" metal nanoparticles†. <i>Advanced Drug Delivery Reviews</i> , 2008, 60, 1289-1306.	6.6	771
76	Targeted Delivery of Gemcitabine to Pancreatic Adenocarcinoma Using Cetuximab as a Targeting Agent. <i>Cancer Research</i> , 2008, 68, 1970-1978.	0.4	332
77	Role of Hedgehog Signaling in Ovarian Cancer. <i>Clinical Cancer Research</i> , 2008, 14, 7659-7666.	3.2	113
78	Application of Gold Nanoparticles for Targeted Therapy in Cancer. <i>Journal of Biomedical Nanotechnology</i> , 2008, 4, 99-132.	0.5	68
79	Lanthanide Phosphate Nanorods as Inorganic Fluorescent Labels in Cell Biology Research. <i>Clinical Chemistry</i> , 2007, 53, 2029-2031.	1.5	41
80	Attaching folic acid on gold nanoparticles using noncovalent interaction via different polyethylene glycol backbones and targeting of cancer cells. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2007, 3, 224-238.	1.7	166
81	Potential therapeutic application of gold nanoparticles in B-chronic lymphocytic leukemia (BCLL): enhancing apoptosis. <i>Journal of Nanobiotechnology</i> , 2007, 5, 4.	4.2	175
82	Inorganic phosphate nanorods are a novel fluorescent label in cell biology. <i>Journal of Nanobiotechnology</i> , 2006, 4, 11.	4.2	53
83	Expression and Regulatory Role of GAIP-Interacting Protein GIPC in Pancreatic Adenocarcinoma. <i>Cancer Research</i> , 2006, 66, 10264-10268.	0.4	39
84	Gold Nanoparticles Bearing Functional Anti-Cancer Drug and Anti-Angiogenic Agent: A "2 in 1" System with Potential Application in Cancer Therapeutics. <i>Journal of Biomedical Nanotechnology</i> , 2005, 1, 224-228.	0.5	39
85	Antiangiogenic Properties of Gold Nanoparticles. <i>Clinical Cancer Research</i> , 2005, 11, 3530-3534.	3.2	426
86	Inhibition of Vascular Permeability Factor/Vascular Endothelial Growth Factor-mediated Angiogenesis by the Kruppel-like Factor KLF2*. <i>Journal of Biological Chemistry</i> , 2005, 280, 28848-28851.	1.6	147
87	Regulatory role of dynamin-2 in VEGFR-2/KDR-mediated endothelial signaling. <i>FASEB Journal</i> , 2005, 19, 1692-1694.	0.2	75
88	Protein Kinase C ζ Transactivates Hypoxia-Inducible Factor 1α by Promoting Its Association with p300 in Renal Cancer. <i>Cancer Research</i> , 2004, 64, 456-462.	0.4	60
89	Complexity in the vascular permeability factor/vascular endothelial growth factor (VPF/VEGF)-receptors signaling. <i>Molecular and Cellular Biochemistry</i> , 2004, 264, 51-61.	1.4	27
90	Survival and SOS induction in cisplatin-treated Escherichia coli deficient in Pol II, RecBCD and RecFOR functions. <i>DNA Repair</i> , 2002, 1, 955-966.	1.3	14