

Targeting HIF-1 for cancer therapy

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Citation Report

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2058	Microtubules Regulate Hypoxia-inducible Factor-1 β Protein Trafficking and Activity. <i>Journal of Biological Chemistry</i> , 2012, 287, 11859-11869.	1.6	57
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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2314	Development of Inhibitors of the PAS-B Domain of the HIF-2 α Transcription Factor. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 1739-1747.	2.9	101
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#	ARTICLE	IF	CITATIONS
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3832	New Directions in the Study and Treatment of Metastatic Cancer. <i>Frontiers in Oncology</i> , 2018, 8, 258.	1.3	14
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3838	Dual mechanism of DICER downregulation facilitates cancer metastasis. <i>Molecular and Cellular Oncology</i> , 2018, 5, e1472056.	0.3	1
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3962	Tumour microenvironment responsive nanoconstructs for cancer theranostic. <i>Nano Today</i> , 2019, 26, 16-56.	6.2	113
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3978	Hypoxia/pseudohypoxia α -mediated activation of hypoxia α -inducible factor α 1 α in cancer. <i>Cancer Science</i> , 2019, 110, 1510-1517.	1.7	143
3979	Overcoming Radioresistance: Small Molecule Radiosensitisers and Hypoxia-activated Prodrugs. <i>Clinical Oncology</i> , 2019, 31, 290-302.	0.6	22
3980	Asymmetric dimeric ent-kauranoids from <i>Croton tonkinensis</i> and their cytotoxicity. <i>Tetrahedron Letters</i> , 2019, 60, 1099-1102.	0.7	1
3981	A Tungsten Nitride α -Based O ₂ Self α -Sufficient Nanoplatfor for Enhanced Photodynamic Therapy against Hypoxic Tumors. <i>Advanced Therapeutics</i> , 2019, 2, 1900012.	1.6	22
3982	Histone modifiers are oxygen sensors. <i>Science</i> , 2019, 363, 1148-1149.	6.0	15
3983	Oncogenic MSH6-CXCR4-TGFB1 Feedback Loop: A Novel Therapeutic Target of Photothermal Therapy in Glioblastoma Multiforme. <i>Theranostics</i> , 2019, 9, 1453-1473.	4.6	32
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3985	TNF α 1 α inhibits xenograft tumor formation by A549 lung cancer cells in nude mice via the HIF α 1 α /VASP signaling pathway. <i>Oncology Reports</i> , 2019, 41, 2418-2430.	1.2	5
3986	Antitumor Effect of a Metal-Nonoate Through Angiogenesis Impairment. , 2019, , 59-64.		0
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3988	Targeting cancer vulnerabilities with high-dose vitamin C. <i>Nature Reviews Cancer</i> , 2019, 19, 271-282.	12.8	244
3989	miR-517a is up-regulated in glioma and promotes glioma tumorigenesis <i>in vitro</i> and <i>in vivo</i> . <i>Bioscience Reports</i> , 2019, 39, .	1.1	8
3990	Marine macroalga <i>Caulerpa</i> : role of its metabolites in modulating cancer signaling. <i>Molecular Biology Reports</i> , 2019, 46, 3545-3555.	1.0	19
3991	Targeting transcription factors in multiple myeloma: evolving therapeutic strategies. <i>Expert Opinion on Investigational Drugs</i> , 2019, 28, 445-462.	1.9	13

#	ARTICLE	IF	CITATIONS
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3993	Drug Delivery to Hypoxic Tumors Targeting Carbonic Anhydrase IX. <i>ACS Symposium Series</i> , 2019, , 223-252.	0.5	1
3994	The Role of SVZ Stem Cells in Glioblastoma. <i>Cancers</i> , 2019, 11, 448.	1.7	53
3995	Epithelial to Mesenchymal Transition and Cell Biology of Molecular Regulation in Endometrial Carcinogenesis. <i>Journal of Clinical Medicine</i> , 2019, 8, 439.	1.0	45
3996	Eight autopsy cases of melanoma brain metastases showing angiotropism and pericytic mimicry. Implications for extravascular migratory metastasis. <i>Journal of Cutaneous Pathology</i> , 2019, 46, 570-578.	0.7	14
3997	Dual-response CuS@MnO ₂ nanoparticles with activatable CT/MR-enhanced in vivo imaging guided photothermal therapy. <i>RSC Advances</i> , 2019, 9, 2718-2730.	1.7	15
3998	Investigation of B,C-ring truncated deguelin derivatives as heat shock protein 90 (HSP90) inhibitors for use as anti-breast cancer agents. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 1370-1381.	1.4	16
3999	Extracellular Vesicles as Transmitters of Hypoxia Tolerance in Solid Cancers. <i>Cancers</i> , 2019, 11, 154.	1.7	46
4000	Oxygenâ€”A Critical, but Overlooked, Nutrient. <i>Frontiers in Nutrition</i> , 2019, 6, 10.	1.6	25
4001	Evolution of Nanoparticle-Mediated Photodynamic Therapy: From Superficial to Deep-Seated Cancers. <i>Molecules</i> , 2019, 24, 520.	1.7	72
4002	CXCR7 promotes melanoma tumorigenesis via Src kinase signaling. <i>Cell Death and Disease</i> , 2019, 10, 191.	2.7	21
4003	Discovery of new ureido benzenesulfonamides incorporating 1,3,5-triazine moieties as carbonic anhydrase I, II, IX and XII inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 1588-1594.	1.4	47
4004	3-D Longitudinal Imaging of Tumor Angiogenesis in Mice in Vivo Using Ultrafast Doppler Tomography. <i>Ultrasound in Medicine and Biology</i> , 2019, 45, 1284-1296.	0.7	15
4005	Ketamine inhibits colorectal cancer cells malignant potential via blockage of NMDA receptor. <i>Experimental and Molecular Pathology</i> , 2019, 107, 171-178.	0.9	29
4006	The Flavone Baicalein and Its Use in Gastrointestinal Disease. , 2019, , 145-155.		1
4007	A Feedback Loop between Hypoxia and Matrix Stress Relaxation Increases Oxygen-Axis Migration and Metastasis in Sarcoma. <i>Cancer Research</i> , 2019, 79, 1981-1995.	0.4	22
4008	Differential Oxygenation in Tumor Microenvironment Modulates Macrophage and Cancer Cell Crosstalk: Novel Experimental Setting and Proof of Concept. <i>Frontiers in Oncology</i> , 2019, 9, 43.	1.3	56
4009	Myalgic encephalomyelitis or chronic fatigue syndrome: how could the illness develop?. <i>Metabolic Brain Disease</i> , 2019, 34, 385-415.	1.4	50

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4013	Quantitative Proteomics Reveal Peroxiredoxin Perturbation Upon Persistent Lymphocytic Choriomeningitis Virus Infection in Human Cells. <i>Frontiers in Microbiology</i> , 2019, 10, 2438.	1.5	7
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4018	The association between hypoxia inducible factor 1 subunit alpha gene rs2057482 polymorphism and cancer risk: a meta-analysis. <i>BMC Cancer</i> , 2019, 19, 1123.	1.1	5
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4023	Sanguinarine inhibits epithelial-mesenchymal transition via targeting HIF-1 α /TGF- β 2 feed-forward loop in hepatocellular carcinoma. <i>Cell Death and Disease</i> , 2019, 10, 939.	2.7	57
4024	Preservation of Microvascular Integrity in Murine Orthotopic Tracheal Allografts by Clopidogrel. <i>Transplantation</i> , 2019, 103, 899-908.	0.5	9
4025	Molecular Mechanisms of Adipose Tissue Survival during Severe Hypoxia: Implications for Autologous Fat Graft Performance. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2019, 7, e2275.	0.3	9
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4027	Search for Intracellular Sensors Involved in the Functioning of Monovalent Cations as Secondary Messengers. <i>Biochemistry (Moscow)</i> , 2019, 84, 1280-1295.	0.7	11
4028	Targeting mTOR and Metabolism in Cancer: Lessons and Innovations. <i>Cells</i> , 2019, 8, 1584.	1.8	149

#	ARTICLE	IF	CITATIONS
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4030	Epigenetic modulation of metabolism in glioblastoma. <i>Seminars in Cancer Biology</i> , 2019, 57, 45-51.	4.3	76
4031	Epigenetic regulation of the hypoxic response. <i>Current Opinion in Physiology</i> , 2019, 7, 1-8.	0.9	5
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4033	Hypoxia-Inducible Factor Drives Vascularization of Modularly Assembled Engineered Tissue. <i>Tissue Engineering - Part A</i> , 2019, 25, 1127-1136.	1.6	1
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4036	Hypoxia-tropic Protein Nanocages for Modulation of Tumor- and Chemotherapy-Associated Hypoxia. <i>ACS Nano</i> , 2019, 13, 236-247.	7.3	64
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4038	Deferasirox selectively induces cell death in the clinically relevant population of leukemic CD34+CD38 \pm cells through iron chelation, induction of ROS, and inhibition of HIF1 \pm expression. <i>Experimental Hematology</i> , 2019, 70, 55-69.e4.	0.2	16
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4040	White Adipose Tissue Metabolic Responses to Hypoxia. , 2019, , 213-223.		0
4041	Simulated physiological oocyte maturation has side effects on bovine oocytes and embryos. <i>Journal of Assisted Reproduction and Genetics</i> , 2019, 36, 413-424.	1.2	10
4043	Hypoxia induced β -Catenin to enhance mice hepatocellular carcinoma progression via Wnt signaling. <i>Experimental Cell Research</i> , 2019, 374, 94-103.	1.2	12
4044	Recent Applications of Diazirines in Chemical Proteomics. <i>Chemistry - A European Journal</i> , 2019, 25, 4885-4898.	1.7	46
4045	Nanotheranostics for Cancer Applications. <i>Bioanalysis</i> , 2019, , .	0.1	3
4046	Dormancy in cancer. <i>Cancer Science</i> , 2019, 110, 474-480.	1.7	121
4047	Nonmosaic somatic <i>HIF2A</i> mutations associated with late onset polycythemia \pm paraganglioma syndrome: Newly recognized subclass of polycythemia \pm paraganglioma syndrome. <i>Cancer</i> , 2019, 125, 1258-1266.	2.0	11

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4052	Hif-1 Δ Deletion May Lead to Adverse Treatment Effect in a Mouse Model of AMLL-AF9-Driven AML. <i>Stem Cell Reports</i> , 2019, 12, 112-121.	2.3	10
4053	Interventional Photothermal Therapy Enhanced Brachytherapy: A New Strategy to Fight Deep Pancreatic Cancer. <i>Advanced Science</i> , 2019, 6, 1801507.	5.6	53
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4055	Radioprotective effects of roxadustat (<scp>FG</scp>â€4592) in haematopoietic system. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 349-356.	1.6	15
4056	C-MYC, HIF-1 Δ , ERG, TKT, and GSTP1: an Axis in Prostate Cancer?. <i>Pathology and Oncology Research</i> , 2019, 25, 1423-1429.	0.9	11
4057	Synthesis and cytotoxic activities of novel copper and silver complexes of 1,3-diaryltriazene-substituted sulfonamides. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2019, 34, 110-116.	2.5	24
4058	Reciprocal regulations between miRNAs and HIF-1 Δ in human cancers. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 453-471.	2.4	38
4059	Challenges facing antiangiogenesis therapy: The significant role of hypoxia-inducible factor and MET in development of resistance to anti-vascular endothelial growth factor-targeted therapies. <i>Journal of Cellular Physiology</i> , 2019, 234, 5655-5663.	2.0	27
4060	Green synthesis of gold nanoparticles using Croton Caudatus Geisel leaf extract and their biological studies. <i>Materials Letters</i> , 2019, 236, 19-22.	1.3	108
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4062	Design, synthesis and biological evaluation of novel ureido benzenesulfonamides incorporating 1,3,5-triazine moieties as potent carbonic anhydrase IX inhibitors. <i>Bioorganic Chemistry</i> , 2019, 82, 117-122.	2.0	44
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4065	Adjuvant drug-assisted bone healing: Part II â€“ Modulation of angiogenesis. <i>Clinical Hemorheology and Microcirculation</i> , 2020, 73, 409-438.	0.9	5

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4067	Adaptive response of reproduction to high-altitude hypoxic stress by altering mRNA expression of hypoxia-inducible factors in female yaks (<i>Bos grunniens</i>). <i>Animal Biotechnology</i> , 2020, 31, 373-375.	0.7	4
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4069	Impaired Neovascularization in Aging. <i>Advances in Wound Care</i> , 2020, 9, 111-126.	2.6	14
4070	Study of the intracellular delivery mechanism of a pH-sensitive peptide modified with enhanced green fluorescent protein. <i>Journal of Drug Targeting</i> , 2020, 28, 408-418.	2.1	3
4071	Mechanisms and Consequences of Oxygen and Carbon Dioxide Sensing in Mammals. <i>Physiological Reviews</i> , 2020, 100, 463-488.	13.1	75
4072	Stabilization of myeloid-derived HIFs promotes vascular regeneration in retinal ischemia. <i>Angiogenesis</i> , 2020, 23, 83-90.	3.7	15
4073	Mechanisms of ischaemic neural progenitor proliferation: a regulatory role of the HIF-1 α -CBX7 pathway. <i>Neuropathology and Applied Neurobiology</i> , 2020, 46, 391-405.	1.8	11
4074	A review on transcriptional regulation responses to hypoxia in mesenchymal stem cells. <i>Cell Biology International</i> , 2020, 44, 14-26.	1.4	9
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4076	Metabolic targeting of HIF-1 α potentiates the therapeutic efficacy of oxaliplatin in colorectal cancer. <i>Oncogene</i> , 2020, 39, 414-427.	2.6	47
4077	Design, synthesis, and evaluation of indeno[2,1-c]pyrazolones for use as inhibitors against hypoxia-inducible factor (HIF)-1 transcriptional activity. <i>Bioorganic and Medicinal Chemistry</i> , 2020, 28, 115207.	1.4	14
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4080	Programming DNA Nanoassembly for Enhanced Photodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 1897-1905.	7.2	99
4081	A novel lncRNA HITT forms a regulatory loop with HIF-1 α to modulate angiogenesis and tumor growth. <i>Cell Death and Differentiation</i> , 2020, 27, 1431-1446.	5.0	66
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4086	Enhancing Photodynamic Therapy Efficacy of Upconversion-Based Nanoparticles Conjugated with a Long-Lived Triplet Excited State Iridium(III)-Naphthalimide Complex: Toward Highly Enhanced Hypoxia-Inducible Factor-1. <i>ACS Applied Bio Materials</i> , 2020, 3, 252-262.	2.3	31
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4088	Chimeric antigen receptor T cells in solid tumors: a war against the tumor microenvironment. <i>Science China Life Sciences</i> , 2020, 63, 180-205.	2.3	40
4089	Hypoxia-responsive nanoparticle based drug delivery systems in cancer therapy: An up-to-date review. <i>Journal of Controlled Release</i> , 2020, 319, 135-156.	4.8	160
4090	The Effects of Propofol on Autophagy. <i>DNA and Cell Biology</i> , 2020, 39, 197-209.	0.9	10
4091	Cancer-Derived Succinate Promotes Macrophage Polarization and Cancer Metastasis via Succinate Receptor. <i>Molecular Cell</i> , 2020, 77, 213-227.e5.	4.5	274
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4093	Photodynamic Therapy and the Biophysics of the Tumor Microenvironment. <i>Photochemistry and Photobiology</i> , 2020, 96, 232-259.	1.3	55
4094	Yes-associated protein (YAP) and transcriptional coactivator with a PDZ-binding motif (TAZ): a nexus between hypoxia and cancer. <i>Acta Pharmaceutica Sinica B</i> , 2020, 10, 947-960.	5.7	29
4095	STAT3 signaling in ovarian cancer: a potential therapeutic target. <i>Journal of Cancer</i> , 2020, 11, 837-848.	1.2	62
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4097	Metabolic rewiring and redox alterations in malignant pleural mesothelioma. <i>British Journal of Cancer</i> , 2020, 122, 52-61.	2.9	22
4098	Friend or foe, the role of EGR-1 in cancer. <i>Medical Oncology</i> , 2020, 37, 7.	1.2	40
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4103	Honokiol: A Review of Its Anticancer Potential and Mechanisms. <i>Cancers</i> , 2020, 12, 48.	1.7	102
4104	Hepatic Artery Embolization Induces the Local Overexpression of Transforming Growth Factor β 1 in a Rat Hepatoma Model. <i>Liver Cancer</i> , 2020, 9, 63-72.	4.2	9
4105	Proteome dynamics analysis identifies functional roles of SDE2 and hypoxia in DNA damage response in prostate cancer cells. <i>NAR Cancer</i> , 2020, 2, zcaa010.	1.6	7
4106	Translation reprogramming by eIF3 linked to glioblastoma resistance. <i>NAR Cancer</i> , 2020, 2, zcaa020.	1.6	9
4107	Breast cancer-associated macrophages promote tumorigenesis by suppressing succinate dehydrogenase in tumor cells. <i>Science Signaling</i> , 2020, 13, .	1.6	34
4108	Histone demethylase JMJD2D activates HIF1 signaling pathway via multiple mechanisms to promote colorectal cancer glycolysis and progression. <i>Oncogene</i> , 2020, 39, 7076-7091.	2.6	24
4109	Oxygenation and A2AR blockade to eliminate hypoxia/HIF-1 β -adenosinergic immunosuppressive axis and improve cancer immunotherapy. <i>Current Opinion in Pharmacology</i> , 2020, 53, 84-90.	1.7	14
4110	The Endoplasmic Reticulum Cargo Receptor SURF4 Facilitates Efficient Erythropoietin Secretion. <i>Molecular and Cellular Biology</i> , 2020, 40, .	1.1	23
4111	Metabolic Profiling of Human Gastric Cancer Cells Treated With Salazosulfapyridine. <i>Technology in Cancer Research and Treatment</i> , 2020, 19, 153303382092862.	0.8	5
4112	Cancer Metabolism: Phenotype, Signaling and Therapeutic Targets. <i>Cells</i> , 2020, 9, 2308.	1.8	211
4113	Novel diphenyl urea derivative serves as an inhibitor on human lung cancer cell migration by disrupting EMT via Wnt/ β -catenin and PI3K/Akt signaling. <i>Toxicology in Vitro</i> , 2020, 69, 105000.	1.1	12
4114	Hypoxia-responsive fluorescent nanoprobe for imaging and cancer therapy. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 131, 116010.	5.8	17
4115	The Oncogenic PRL Protein Causes Acid Addiction of Cells by Stimulating Lysosomal Exocytosis. <i>Developmental Cell</i> , 2020, 55, 387-397.e8.	3.1	25
4116	Ambrisentan, an endothelin receptor type A-selective antagonist, inhibits cancer cell migration, invasion, and metastasis. <i>Scientific Reports</i> , 2020, 10, 15931.	1.6	11
4117	Using Genomic Sequencing to Explain an Exceptional Response to Therapy in a Malignant Phyllodes Tumor. <i>JCO Precision Oncology</i> , 2020, 4, 1263-1266.	1.5	1
4118	Structural Basis of Nanomolar Inhibition of Tumor-Associated Carbonic Anhydrase IX: X-Ray Crystallographic and Inhibition Study of Lipophilic Inhibitors with Acetazolamide Backbone. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 13064-13075.	2.9	26
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4122	PRKAR2B α -HIF1 α loop promotes aerobic glycolysis and tumour growth in prostate cancer. <i>Cell Proliferation</i> , 2020, 53, e12918.	2.4	36
4123	Hypoxia Alters the Response to Anti-EGFR Therapy by Regulating EGFR Expression and Downstream Signaling in a DNA Methylation-Specific and HIF-Dependent Manner. <i>Cancer Research</i> , 2020, 80, 4998-5010.	0.4	20
4124	Nanomaterials to relieve tumor hypoxia for enhanced photodynamic therapy. <i>Nano Today</i> , 2020, 35, 100960.	6.2	111
4125	Hypoxia Promotes Mitochondrial Complex I Abundance via HIF-1 α in Complex III and Complex IV Deficient Cells. <i>Cells</i> , 2020, 9, 2197.	1.8	6
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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