

# Edurne Berra

## List of Publications by Year in descending order

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45  
papers

7,919  
citations

117625

34  
h-index

223800

46  
g-index

48  
all docs

48  
docs citations

48  
times ranked

9384  
citing authors

#	ARTICLE	IF	CITATIONS
1	HIF-1 $\alpha$ inhibitor PX-478 preserves pancreatic $\beta$ cell function in diabetes. <i>Science Translational Medicine</i> , 2022, 14, eaba9112.	12.4	20
2	<i>Borrelia burgdorferi</i> infection induces long-term memory-like responses in macrophages with tissue-wide consequences in the heart. <i>PLoS Biology</i> , 2021, 19, e3001062.	5.6	7
3	Hypoxia compromises the mitochondrial metabolism of Alzheimer's disease microglia via HIF1. <i>Nature Aging</i> , 2021, 1, 385-399.	11.6	43
4	Hypoxia reduces cell attachment of SARS-CoV-2 spike protein by modulating the expression of ACE2, neuropilin-1, syndecan-1 and cellular heparan sulfate. <i>Emerging Microbes and Infections</i> , 2021, 10, 1065-1076.	6.5	24
5	SUMOylation regulates LKB1 localization and its oncogenic activity in liver cancer. <i>EBioMedicine</i> , 2019, 40, 406-421.	6.1	56
6	The hypoxia signalling pathway in haematological malignancies. <i>Oncotarget</i> , 2017, 8, 36832-36844.	1.8	37
7	DUBs, New Members in the Hypoxia Signaling club. <i>Frontiers in Oncology</i> , 2016, 6, 53.	2.8	17
8	PHD3-SUMO conjugation optimizes HIF1 repression independently of PHD3 catalytic activity. <i>Journal of Cell Science</i> , 2015, 128, 40-9.	2.0	18
9	Distinct breast cancer stem/progenitor cell populations require either HIF1 $\alpha$ or loss of PHD3 to expand under hypoxic conditions. <i>Oncotarget</i> , 2015, 6, 31721-31739.	1.8	46
10	Magnetic field triggered drug release from polymersomes for cancer therapeutics. <i>Journal of Controlled Release</i> , 2013, 169, 165-170.	9.9	267
11	Deciphering the emerging role of SUMO conjugation in the hypoxia-signaling cascade. <i>Biological Chemistry</i> , 2013, 394, 459-469.	2.5	29
12	Prolyl Hydroxylase-dependent Modulation of Eukaryotic Elongation Factor 2 Activity and Protein Translation under Acute Hypoxia. <i>Journal of Biological Chemistry</i> , 2012, 287, 9651-9658.	3.4	30
13	HIF-1 $\alpha$ mediates the induction of IL-8 and VEGF expression on infection with Afa/Dr diffusely adhering <i>E. coli</i> and promotes EMT-like behaviour. <i>Cellular Microbiology</i> , 2010, 12, 640-653.	2.1	67
14	Extended Ischemia Prevents HIF1 $\alpha$ Degradation at Reoxygenation by Impairing Prolyl-hydroxylation. <i>Journal of Biological Chemistry</i> , 2010, 285, 18217-18224.	3.4	42
15	Inhibition of Prolyl Hydroxylase Domain Proteins Promotes Therapeutic Revascularization. <i>Circulation</i> , 2009, 120, 50-59.	1.6	73
16	Altered Stra13 and Dec2 circadian gene expression in hypoxic cells. <i>Biochemical and Biophysical Research Communications</i> , 2008, 369, 1184-1189.	2.1	18
17	HIF1 transcription factor regulates laminin-332 expression and keratinocyte migration. <i>Journal of Cell Science</i> , 2008, 121, 2992-3001.	2.0	49
18	PHDs overactivation during chronic hypoxia $\alpha$ -desensitizes HIF1 $\alpha$ and protects cells from necrosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 4745-4750.	7.1	210

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19	The Silencing Approach of the Hypoxia-Induced Signaling Pathway. <i>Methods in Enzymology</i> , 2007, 435, 107-121.	1.0	2
20	HIF-1 $\alpha$ and CA IX staining in invasive breast carcinomas: Prognosis and treatment outcome. <i>International Journal of Cancer</i> , 2007, 120, 1451-1458.	5.1	202
21	The hypoxia-inducible factor hydroxylases bring fresh air into hypoxia signalling. <i>EMBO Reports</i> , 2006, 7, 41-45.	4.5	170
22	Prolyl hydroxylase-1 negatively regulates I $\kappa$ B kinase-beta, giving insight into hypoxia-induced NF $\kappa$ B activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 18154-18159.	7.1	687
23	Hypoxia-inducible factor 1 $\alpha$ is a new target of microphthalmia-associated transcription factor (MITF) in melanoma cells. <i>Journal of Cell Biology</i> , 2005, 170, 49-59.	5.2	155
24	Enzyme-Linked Immunosorbent Assay for Pharmacological Studies Targeting Hypoxia-Inducible Factor 1 $\alpha$ . <i>Vaccine Journal</i> , 2005, 12, 660-664.	3.1	3
25	Poly(A)-binding Protein-interacting Protein 2, a Strong Regulator of Vascular Endothelial Growth Factor mRNA. <i>Journal of Biological Chemistry</i> , 2004, 279, 34217-34226.	3.4	65
26	Destabilization of vascular endothelial growth factor mRNA by the zinc-finger protein TIS11b. <i>Oncogene</i> , 2004, 23, 8673-8680.	5.9	113
27	HIF-1: master and commander of the hypoxic world. <i>Biochemical Pharmacology</i> , 2004, 68, 971-980.	4.4	134
28	JunD Reduces Tumor Angiogenesis by Protecting Cells from Oxidative Stress. <i>Cell</i> , 2004, 118, 781-794.	28.9	530
29	The gene encoding human retinoic acid-receptor-related orphan receptor 1 $\alpha$ is a target for hypoxia-inducible factor 1. <i>Biochemical Journal</i> , 2004, 384, 79-85.	3.7	62
30	HIF prolyl-hydroxylase 2 is the key oxygen sensor setting low steady-state levels of HIF-1 $\alpha$ in normoxia. <i>EMBO Journal</i> , 2003, 22, 4082-4090.	7.8	1,159
31	Hypoxia-inducible Factor 1 Transactivates the Human Leptin Gene Promoter. <i>Journal of Biological Chemistry</i> , 2002, 277, 42953-42957.	3.4	232
32	Hypoxia-inducible factor-1 $\alpha$ (HIF-1 $\alpha$ ) escapes O <sub>2</sub> -driven proteasomal degradation irrespective of its subcellular localization: nucleus or cytoplasm. <i>EMBO Reports</i> , 2001, 2, 615-620.	4.5	147
33	HIF-1-dependent transcriptional activity is required for oxygen-mediated HIF-1 $\alpha$ degradation. <i>FEBS Letters</i> , 2001, 491, 85-90.	2.8	125
34	Hypoxia: the tumor's gateway to progression along the angiogenic pathway. <i>Trends in Cell Biology</i> , 2001, 11, S32-S36.	7.9	75
35	Hypoxia: the tumor's gateway to progression along the angiogenic pathway. <i>Trends in Cell Biology</i> , 2001, 11, S32-S36.	7.9	88
36	Signaling angiogenesis via p42/p44 MAP kinase and hypoxia. <i>Biochemical Pharmacology</i> , 2000, 60, 1171-1178.	4.4	184

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37	MAP kinases and hypoxia in the control of VEGF expression. <i>Cancer and Metastasis Reviews</i> , 2000, 19, 139-145.	5.9	204
38	Identification of Alternative Spliced Variants of Human Hypoxia-inducible Factor-1 $\alpha$ . <i>Journal of Biological Chemistry</i> , 2000, 275, 6922-6927.	3.4	88
39	Stress-activated Protein Kinases (JNK and p38/HOG) Are Essential for Vascular Endothelial Growth Factor mRNA Stability. <i>Journal of Biological Chemistry</i> , 2000, 275, 26484-26491.	3.4	166
40	Signaling Angiogenesis via p42/p44 MAP Kinase Cascade. <i>Annals of the New York Academy of Sciences</i> , 2000, 902, 187-200.	3.8	119
41	Nonhypoxic Pathway Mediates the Induction of Hypoxia-inducible Factor 1 $\alpha$ in Vascular Smooth Muscle Cells. <i>Journal of Biological Chemistry</i> , 2000, 275, 26765-26771.	3.4	471
42	p42/p44 Mitogen-activated Protein Kinases Phosphorylate Hypoxia-inducible Factor 1 $\alpha$ (HIF-1 $\alpha$ ) and Enhance the Transcriptional Activity of HIF-1. <i>Journal of Biological Chemistry</i> , 1999, 274, 32631-32637.	3.4	718
43	Angiogenesis: How a Tumor Adapts to Hypoxia. <i>Biochemical and Biophysical Research Communications</i> , 1999, 266, 718-722.	2.1	331
44	The Activation of p38 and Apoptosis by the Inhibition of Erk Is Antagonized by the Phosphoinositide 3-Kinase/Akt Pathway. <i>Journal of Biological Chemistry</i> , 1998, 273, 10792-10797.	3.4	235
45	Protein kinase C $\beta$ isoform is critical for mitogenic signal transduction. <i>Cell</i> , 1993, 74, 555-563.	28.9	393