

# Joanna E Zawacka-Pankau

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

1,239  
citations

471509

17  
h-index

454955

30  
g-index

40  
all docs

40  
docs citations

40  
times ranked

2248  
citing authors

#	ARTICLE	IF	CITATIONS
1	ROS-dependent activation of JNK converts p53 into an efficient inhibitor of oncogenes leading to robust apoptosis. <i>Cell Death and Differentiation</i> , 2014, 21, 612-623.	11.2	193
2	APR-246 reactivates mutant p53 by targeting cysteines 124 and 277. <i>Cell Death and Disease</i> , 2018, 9, 439.	6.3	182
3	Inhibition of Glycolytic Enzymes Mediated by Pharmacologically Activated p53. <i>Journal of Biological Chemistry</i> , 2011, 286, 41600-41615.	3.4	101
4	p53-dependent inhibition of TrxR1 contributes to the tumor-specific induction of apoptosis by RITA. <i>Cell Cycle</i> , 2009, 8, 3584-3591.	2.6	81
5	Pharmacological reactivation of p53 as a strategy to treat cancer. <i>Journal of Internal Medicine</i> , 2015, 277, 248-259.	6.0	71
6	p73 tumor suppressor protein: A close relative of p53 not only in structure but also in anti-cancer approach?. <i>Cell Cycle</i> , 2010, 9, 720-728.	2.6	60
7	The p53-mediated cytotoxicity of photodynamic therapy of cancer: Recent advances. <i>Toxicology and Applied Pharmacology</i> , 2008, 232, 487-497.	2.8	57
8	Induction of Apoptosis in HL-60 Cells through the ROS-Mediated Mitochondrial Pathway by Ramentaceone from <i>Drosera aliciae</i> . <i>Journal of Natural Products</i> , 2012, 75, 9-14.	3.0	56
9	Protoporphyrin IX Interacts with Wild-type p53 Protein in Vitro and Induces Cell Death of Human Colon Cancer Cells in a p53-dependent and -independent Manner. <i>Journal of Biological Chemistry</i> , 2007, 282, 2466-2472.	3.4	51
10	Plumbagin Induces Apoptosis in Her2-Overexpressing Breast Cancer Cells through the Mitochondrial-Mediated Pathway. <i>Journal of Natural Products</i> , 2012, 75, 747-751.	3.0	51
11	The p53/MDM2/MDMX-targeted therapies—a clinical synopsis. <i>Cell Death and Disease</i> , 2020, 11, 237.	6.3	45
12	JNK–NQO1 axis drives TAp73-mediated tumor suppression upon oxidative and proteasomal stress. <i>Cell Death and Disease</i> , 2014, 5, e1484-e1484.	6.3	33
13	The use of ion mobility mass spectrometry to probe modulation of the structure of p53 and of MDM2 by small molecule inhibitors. <i>Frontiers in Molecular Biosciences</i> , 2015, 2, 39.	3.5	30
14	Protoporphyrin IX induces apoptosis in HeLa cells prior to photodynamic treatment. <i>Pharmacological Reports</i> , 2007, 59, 474-9.	3.3	27
15	Evaluation of the Role of the Pharmacological Inhibition of <i>Staphylococcus aureus</i> Multidrug Resistance Pumps and the Variable Levels of the Uptake of the Sensitizer in the Strain-Dependent Response of <i>Staphylococcus aureus</i> to PPA <sub>2</sub> -Based Photodynamic Inactivation. <i>Photochemistry and Photobiology</i> , 2010, 86, 1118-1126.	2.5	26
16	p53 family members – important messengers in cell death signaling in photodynamic therapy of cancer?. <i>Photochemical and Photobiological Sciences</i> , 2015, 14, 1390-1396.	2.9	26
17	Protoporphyrin IX is a dual inhibitor of p53/MDM2 and p53/MDM4 interactions and induces apoptosis in B-cell chronic lymphocytic leukemia cells. <i>Cell Death Discovery</i> , 2019, 5, 77.	4.7	24
18	Targeting of p53 and its homolog p73 by protoporphyrin IX. <i>FEBS Letters</i> , 2011, 585, 255-260.	2.8	19

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19	The Role of p53 Family in Cancer. <i>Cancers</i> , 2022, 14, 823.	3.7	17
20	Activation of TAp73 and inhibition of TrxR by Verteporfin for improved cancer therapy in TP53 mutant pancreatic tumors. <i>Future Science OA</i> , 2019, 5, FSO366.	1.9	16
21	Reactivation of TAp73 tumor suppressor by protoporphyrin IX, a metabolite of aminolevulinic acid, induces apoptosis in TP53-deficient cancer cells. <i>Cell Division</i> , 2018, 13, 10.	2.4	15
22	Tumor suppressor Fhit protein interacts with protoporphyrin IX in vitro and enhances the response of HeLa cells to photodynamic therapy. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2007, 86, 35-42.	3.8	14
23	The Changes in the p53 Protein across the Animal Kingdom Point to Its Involvement in Longevity. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8512.	4.1	9
24	The Undervalued Avenue to Reinstatement of Tumor Suppressor Functionality of the p53 Protein Family for Improved Cancer Therapy-Drug Repurposing. <i>Cancers</i> , 2020, 12, 2717.	3.7	8
25	Expression and simple, one-step purification of fragile histidine triad (Fhit) tumor suppressor mutant forms in <i>Escherichia coli</i> and their interaction with protoporphyrin IX. <i>Biotechnology Letters</i> , 2007, 29, 877-883.	2.2	4
26	Aberration of the enzymatic activity of Fhit tumor suppressor protein enhances cancer cell death upon photodynamic therapy similarly to that driven by wild-type Fhit. <i>Cancer Letters</i> , 2009, 280, 101-109.	7.2	4
27	The Therapeutic Potential of the Restoration of the p53 Protein Family Members in the EGFR-Mutated Lung Cancer. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7213.	4.1	4
28	Enlightened protein: Fhit tumor suppressor protein structure and function and its role in the toxicity of protoporphyrin IX-mediated photodynamic reaction. <i>Toxicology and Applied Pharmacology</i> , 2009, 241, 246-252.	2.8	3
29	Novel Allosteric Mechanism of Dual p53/MDM2 and p53/MDM4 Inhibition by a Small Molecule. <i>Frontiers in Molecular Biosciences</i> , 2022, 9, .	3.5	3
30	Mutant p53 talks to proteasomes—is there a feedback loop between Nrf2 and mutant p53?. <i>Translational Cancer Research</i> , 2016, 5, 733-737.	1.0	0