Anna Ivana Scovassi

List of Publications by Year in Descending Order

100 papers	4,367 citations	35 h-index	64 g-index
101 ext. papers	4,680 ext. citations	5.3 avg, IF	5.3 L-index

#	Paper	IF	Citations
100	A new function for miRNAs as regulators of autophagy. *Future Medicinal Chemistry*, **2017**, 9, 25-36	4.1	15
99	An Innovative Cell Microincubator for Drug Discovery Based on 3D Silicon Structures. *Journal of Nanomaterials*, **2016**, 2016, 1-10	3.2	1
98	Solution and Solid-State Analysis of Binding of 13-Substituted Berberine Analogues to Human Telomeric G-quadruplexes. *Chemistry - an Asian Journal*, **2016**, 11, 1107-15	4.5	18
97	Poly(ADP-ribosylation) and neurodegenerative disorders. *Mitochondrion*, **2015**, 24, 56-63	4.9	15
96	3D Silicon Microstructures: A New Tool for Evaluating Biological Aggressiveness of Tumor Cells. *IEEE Transactions on Nanobioscience*, **2015**, 14, 797-805	3.4	10
95	Effect of new berberine derivatives on colon cancer cells. *Acta Biochimica Et Biophysica Sinica*, **2015**, 47, 824-33	2.8	35
94	Poly(ADP-ribose): a signaling molecule in different paradigms of cell death. *Biochemical Pharmacology*, **2014**, 92, 157-63	6	83
93	Involvement of PARPs in cell death. *Frontiers in Bioscience - Elite*, **2014**, 6, 308-17	1.6	15
92	Berberine, an epiphany against cancer. *Molecules*, **2014**, 19, 12349-67	4.8	158
91	Involvement of PARPs in cell death. *Frontiers in Bioscience - Elite*, **2014**, 6, 308-317	1.6	1
90	CBP and p300 acetylate PCNA to link its degradation with nucleotide excision repair synthesis. *Nucleic Acids Research*, **2014**, 42, 8433-48	20.1	60
89	Multiple effects of berberine derivatives on colon cancer cells. *BioMed Research International*, **2014**, 2014, 924585	3	38
88	Manipulation of autophagy in cancer cells: an innovative strategy to fight drug resistance. *Future Medicinal Chemistry*, **2013**, 5, 1009-21	4.1	24
87	Regulated forms of cell death are induced by the photodynamic action of the fluorogenic substrate, Hypocrellin B-acetate. *Journal of Photochemistry and Photobiology B: Biology*, **2013**, 125, 90-7	6.7	7
86	Multiple effects of the Na(+)/H (+) antiporter inhibitor HMA on cancer cells. *Apoptosis: an International Journal on Programmed Cell Death*, **2013**, 18, 1586-98	5.4	15
85	Characterization of stress response in human retinal epithelial cells. *Journal of Cellular and Molecular Medicine*, **2013**, 17, 103-15	5.6	21
84	Morphological Features of Organelles during Apoptosis: An Overview. *Cells*, **2013**, 2, 294-305	7.9	42

83	Poly(ADP-ribosylation) and neoplastic transformation: effect of PARP inhibitors. *Current Pharmaceutical Biotechnology*, **2013**, 14, 524-36	2.6	11
82	p300/CBP acetyl transferases interact with and acetylate the nucleotide excision repair factor XPG. *DNA Repair*, **2012**, 11, 844-52	4.3	33
81	Cross-analysis of gene and miRNA genome-wide expression profiles in human fibroblasts at different stages of transformation. *OMICS A Journal of Integrative Biology*, **2012**, 16, 24-36	3.8	11
80	Berberine: new perspectives for old remedies. *Biochemical Pharmacology*, **2012**, 84, 1260-7	6	287
79	Search for cellular stress biomarkers in lymphocytes from patients with multiple sclerosis: a pilot study. *PLoS ONE*, **2012**, 7, e44935	3.7	11
78	A new cell-selective three-dimensional microincubator based on silicon photonic crystals. *PLoS ONE* , **2012**, 7, e48556	3.7	10
77	Expression of antioxidant defense and poly(ADP-ribose) polymerase-1 in rat developing Sertoli cells. *Cell Biology International*, **2011**, 35, 883-9	4.5	1
76	2-Methoxyestradiol: new perspectives in colon carcinoma treatment. *Molecular and Cellular Endocrinology*, **2011**, 331, 119-28	4.4	15
75	Killing of tumor cells: a drama in two acts. *Biochemical Pharmacology*, **2011**, 82, 1304-10	6	19
74	Conversation between apoptosis and autophagy: "Is it your turn or mine?". *Apoptosis: an International Journal on Programmed Cell Death*, **2011**, 16, 321-33	5.4	110
73	Drug treatment of cancer cell lines: a way to select for cancer stem cells?. *Cancers*, **2011**, 3, 1111-28	6.6	13
72	Arylthioindoles: Promising compounds against cancer cell proliferation. *Oncology Letters*, **2010**, 1, 109-112	1.6	10
71	Multiple roles of the cell cycle inhibitor p21(CDKN1A) in the DNA damage response. *Mutation Research - Reviews in Mutation Research*, **2010**, 704, 12-20	7	299
70	p21CDKN1A participates in base excision repair by regulating the activity of poly(ADP-ribose) polymerase-1. *DNA Repair*, **2010**, 9, 627-35	4.3	40
69	PARP inhibitors: new tools to protect from inflammation. *Biochemical Pharmacology*, **2010**, 80, 1869-77	6	73
68	Oxidative, multistep activation of the noncanonical NF-kappaB pathway via disulfide Bcl-3/p50 complex. *FASEB Journal*, **2009**, 23, 45-57	0.9	27
67	Autoantibodies to poly(ADP-ribose) polymerase in centenarians: a reappraisal of Grabar's hypothesis. *Gerontology*, **2009**, 55, 427-9	5.5	5
66	Enzyme-assisted photosensitization activates different apoptotic pathways in Rose Bengal acetate treated HeLa cells. *Histochemistry and Cell Biology*, **2009**, 131, 391-9	2.4	12

65	Leukocyte elastase inhibitor: a new regulator of PARP-1. *Annals of the New York Academy of Sciences*, **2009**, 1171, 25-31	6.5	5
64	Biological effects of a new vacuolar-H,-ATPase inhibitor in colon carcinoma cell lines. *Annals of the New York Academy of Sciences*, **2009**, 1171, 606-16	6.5	14
63	Changes of mitochondria and relocation of the apoptosis-inducing factor during apoptosis. *Annals of the New York Academy of Sciences*, **2009**, 1171, 12-7	6.5	15
62	Distribution of centromeric proteins and PARP-1 during mitosis and apoptosis. *Annals of the New York Academy of Sciences*, **2009**, 1171, 32-7	6.5	5
61	Regulation of poly(ADP-ribose) polymerase-1 functions by leukocyte elastase inhibitor/LEI-derived DNase II during caspase-independent apoptosis. *International Journal of Biochemistry and Cell Biology*, **2009**, 41, 1046-54	5.6	11
60	Study of the effects of a new pyrazolecarboxamide: changes in mitochondria and induction of apoptosis. *International Journal of Biochemistry and Cell Biology*, **2009**, 41, 1890-8	5.6	14
59	New arylthioindoles and related bioisosteres at the sulfur bridging group. 4. Synthesis, tubulin polymerization, cell growth inhibition, and molecular modeling studies. *Journal of Medicinal Chemistry*, **2009**, 52, 7512-27	8.3	70
58	Dynamic relocation of nuclear proteins during the execution phase of apoptosis. *Biochemical Pharmacology*, **2008**, 76, 1440-50	6	10
57	Interaction of p21(CDKN1A) with PCNA regulates the histone acetyltransferase activity of p300 in nucleotide excision repair. *Nucleic Acids Research*, **2008**, 36, 1713-22	20.1	47
56	The antimicrobial peptide PR-39 has a protective effect against HeLa cell apoptosis. *Chemical Biology and Drug Design*, **2007**, 70, 154-7	2.9	10
55	Effect of paclitaxel on intracellular localization of c-Myc and P-c-Myc in prostate carcinoma cell lines. *Annals of the New York Academy of Sciences*, **2007**, 1095, 175-81	6.5	4
54	Arylthioindole inhibitors of tubulin polymerization. 3. Biological evaluation, structure-activity relationships and molecular modeling studies. *Journal of Medicinal Chemistry*, **2007**, 50, 2865-74	8.3	157
53	Oxidative stress response in telomerase-immortalized fibroblasts from a centenarian. *Annals of the New York Academy of Sciences*, **2006**, 1091, 94-101	6.5	6
52	Mitochondrial poly(ADP-ribosylation): from old data to new perspectives. *FASEB Journal*, **2004**, 18, 1487-89	8	51
51	Role of c-myc protein in hormone refractory prostate carcinoma: cellular response to paclitaxel. *Biochemical Pharmacology*, **2004**, 68, 923-31	6	11
50	Rearrangement of nuclear ribonucleoprotein (RNP)-containing structures during apoptosis and transcriptional arrest. *Biology of the Cell*, **2004**, 96, 603-15	3.5	48
49	Anthocyanins induce cell cycle perturbations and apoptosis in different human cell lines. *Carcinogenesis*, **2004**, 25, 1427-33	4.6	131
48	Telomeres, telomerase, and apoptosis. *Biochemistry and Cell Biology*, **2004**, 82, 498-507	3.6	45

47	Modulation of poly(ADP-ribosylation) in apoptotic cells. *Biochemical Pharmacology*, **2004**, 68, 1041-7	6	79
46	Activation of DNA-degrading enzymes during apoptosis. *European Journal of Histochemistry*, **2003**, 47, 185-94	2.1	31
45	Poly(ADPR) polymerase-1 and poly(ADPR) glycohydrolase level and distribution in differentiating rat germinal cells. *Molecular and Cellular Biochemistry*, **2003**, 248, 85-91	4.2	34
44	Multiple effects of paclitaxel are modulated by a high c-myc amplification level. *Experimental Cell Research*, **2003**, 290, 49-59	4.2	20
43	Human proliferating cell nuclear antigen, poly(ADP-ribose) polymerase-1, and p21waf1/cip1. A dynamic exchange of partners. *Journal of Biological Chemistry*, **2003**, 278, 39265-8	5.4	70
42	DNA ligase I is dephosphorylated during the execution step of etoposide-induced apoptosis. *Cell Death and Differentiation*, **2002**, 9, 89-90	12.7	15
41	Poly(ADP-ribose) polymerase-1 cleavage during apoptosis: an update. *Apoptosis: an International Journal on Programmed Cell Death*, **2002**, 7, 321-8	5.4	538
40	Different effects of tert-butylhydroperoxide-induced peroxynitrite-dependent and -independent DNA single-strand breakage on PC12 cell poly(ADP-ribose) polymerase activity. *FEBS Journal*, **2001**, 268, 5223-8		7
39	Etoposide induces the dispersal of DNA ligase I from replication factories. *Molecular Biology of the Cell*, **2001**, 12, 2109-18	3.5	27
38	Poly(ADP-ribose) polymerase cleavage during apoptosis: when and where?. *Experimental Cell Research*, **2001**, 269, 193-201	4.2	123
37	Different effects of methotrexate on DNA mismatch repair proficient and deficient cells. *European Journal of Cancer*, **2001**, 37, 1173-80	7.5	17
36	The antiproliferative effect of beta-carotene requires p21waf1/cip1 in normal human fibroblasts. *FEBS Journal*, **2000**, 267, 2290-6		31
35	Evidence of poly(ADP-ribosylation) in the cockroach Periplaneta americana. *Insect Biochemistry and Molecular Biology*, **2000**, 30, 1045-50	4.5	2
34	In vitro induction of H1-H1 histone cross-linking by adenosine diphosphate-ribose polymers. *Biochemistry*, **2000**, 39, 10413-8	3.2	7
33	Glutathione depletion causes cytochrome c release even in the absence of cell commitment to apoptosis. *FASEB Journal*, **1999**, 13, 2031-6	0.9	125
32	Differential involvement of DNases in HeLa cell apoptosis induced by etoposide and long term-culture. *Cell Death and Differentiation*, **1999**, 6, 234-44	12.7	46
31	Apoptosis-prone phenotype of human colon carcinoma cells with a high level amplification of the c-myc gene. *Oncogene*, **1999**, 18, 439-48	9.2	45
30	Poly(ADP-ribosylation) and apoptosis. *Molecular and Cellular Biochemistry*, **1999**, 199, 125-37	4.2	115

29	The replication factory targeting sequence/PCNA-binding site is required in G(1) to control the phosphorylation status of DNA ligase I. *EMBO Journal*, **1999**, 18, 5745-54	13	59
28	Poly(ADP-ribose) glycohydrolase is present and active in mammalian cells as a 110-kDa protein. *Experimental Cell Research*, **1999**, 246, 395-8	4.2	39
27	Preferential perinuclear localization of poly(ADP-ribose) glycohydrolase. *Experimental Cell Research* , **1999**, 251, 372-8	4.2	42
26	Congenital disorders sharing oxidative stress and cancer proneness as phenotypic hallmarks: prospects for joint research in pharmacology. *Medical Hypotheses*, **1998**, 51, 253-66	3.8	26
25	The cyclin-dependent kinase inhibitors olomoucine and roscovitine arrest human fibroblasts in G1 phase by specific inhibition of CDK2 kinase activity. *Experimental Cell Research*, **1998**, 245, 8-18	4.2	128
24	DNA-topoisomerase I activity and content in epithelial ovarian cancer. *Annals of Oncology*, **1998**, 9, 313-9	10.3	15
23	Multiparametric staining to identify apoptotic human cells. *Experimental Cell Research*, **1997**, 234, 174-7	4.2	58
22	Nuclear association of cyclin D1 in human fibroblasts: tight binding to nuclear structures and modulation by protein kinase inhibitors. *Experimental Cell Research*, **1997**, 237, 127-34	4.2	16
21	Occurrence of apoptosis in serosa of Periplaneta americana l. (Blattaria: blattidae): ultrastructural and biochemical features. *Journal of Insect Physiology*, **1997**, 43, 999-1008	2.4	2
20	Analysis of poly(ADP-ribose) glycohydrolase activity in nuclear extracts from mammalian cells. *BBA - Proteins and Proteomics*, **1997**, 1338, 60-8		19
19	Poly(ADP-ribose) synthesis: a useful parameter for identifying apoptotic cells. *The Histochemical Journal*, **1997**, 29, 831-7		19
18	Nuclear binding of cell cycle-related proteins: cyclin A versus proliferating cell nuclear antigen (PCNA). *Biochimie*, **1995**, 77, 888-92	4.6	5
17	Induction of apoptotic cell death by DNA topoisomerase II inhibitors. *Biochimie*, **1995**, 77, 893-9	4.6	17
16	Activation of poly(ADP-ribose)polymerase in apoptotic human cells. *Biochimie*, **1995**, 77, 378-84	4.6	21
15	Proliferating cell nuclear antigen bound to DNA synthesis sites: phosphorylation and association with cyclin D1 and cyclin A. *Experimental Cell Research*, **1994**, 215, 257-62	4.2	63
14	Proliferating cell nuclear antigen complex formation induced by ultraviolet irradiation in human quiescent fibroblasts as detected by immunostaining and flow cytometry. *Experimental Cell Research*, **1993**, 205, 320-5	4.2	57
13	DNA topoisomerase II beta: stability and distribution in different animal cells in comparison to DNA topoisomerase I and II alpha. *Experimental Cell Research*, **1993**, 206, 128-33	4.2	16
12	The effect of the chemotherapeutic drug VP-16 on poly(ADP-ribosylation) in apoptotic HeLa cells. *Carcinogenesis*, **1993**, 14, 2559-64	4.6	37

11	Loss of histone H2AX increases sensitivity of immortalized mouse fibroblasts to the topoisomerase II inhibitor etoposide **1992**, 33, 613		
10	Structural requirements for inhibitors of poly(ADP-ribose) polymerase. *Journal of Cancer Research and Clinical Oncology*, **1990**, 116, 615-22	4.9	21
9	Autoantibodies to poly(ADP-ribose)polymerase in autoimmune diseases. *Autoimmunity*, **1990**, 6, 203-9	3	22
8	Changes in activity and mRNA levels of poly(ADP-ribose) polymerase during rat liver regeneration. *Biochimica Et Biophysica Acta Gene Regulatory Mechanisms*, **1990**, 1087, 241-6		27
7	The basal and the mutagen-induced levels of ADP-ribosyl transferase activity are not modified in Fanconi's anemia cells. *Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis*, **1989**, 225, 65-9		4
6	Prognostic significance of adenosine deaminase determinations in subjects with the lymphoadenopathy syndrome. *Journal of Medical Virology*, **1988**, 24, 413-22	19.7	1
5	Enzymatically active forms of reverse transcriptase of the human immunodeficiency virus. *AIDS Research and Human Retroviruses*, **1988**, 4, 393-8	1.6	40
4	Response of mammalian ADP-ribosyl transferase to lymphocyte stimulation, mutagen treatment and cell cycling. *Carcinogenesis*, **1987**, 8, 1295-300	4.6	25
3	Structural analysis of poly(ADP-ribose)polymerase in higher and lower eukaryotes. *FEBS Journal*, **1986**, 159, 77-84		37
2	Activity gels for analysing DNA processing enzymes. *Trends in Genetics*, **1986**, 2, 67-72	8.5	20
1	Sequence analysis of heteropolymeric DNA synthesized in vitro by the enzyme terminal deoxynucleotidyl transferase and cloned in Escherichia coli. *Nucleic Acids Research*, **1982**, 10, 6401-10	20.1	