

Patrizia Russo

List of Publications by Year in descending order

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Version: 2024-02-01

113
papers

2,922
citations

172457

29
h-index

197818

49
g-index

116
all docs

116
docs citations

116
times ranked

4077
citing authors

#	ARTICLE	IF	CITATIONS
1	Post-operative respiratory rehabilitation after lung resection for non-small cell lung cancer. Lung Cancer, 2007, 57, 175-180.	2.0	154
2	COVID-19 and smoking: is nicotine the hidden link?. European Respiratory Journal, 2020, 55, 2001116.	6.7	142
3	Pre-operative pulmonary rehabilitation and surgery for lung cancer. Lung Cancer, 2007, 57, 118-119.	2.0	126
4	Cancer Stem Cells: A New Paradigm for Understanding Tumor Growth and Progression and Drug Resistance. Current Medicinal Chemistry, 2009, 16, 1688-1703.	2.4	124
5	Î±7-Nicotinic Acetylcholine Receptors Affect Growth Regulation of Human Mesothelioma Cells. Cancer Research, 2004, 64, 135-145.	0.9	110
6	EGFR-Targeted Therapy for Non-Small Cell Lung Cancer: Focus on EGFR Oncogenic Mutation. International Journal of Medical Sciences, 2013, 10, 320-330.	2.5	106
7	Nicotine: specific role in angiogenesis, proliferation and apoptosis. Critical Reviews in Toxicology, 2012, 42, 68-89.	3.9	105
8	Inactivation of p53 in a Human Ovarian Cancer Cell Line Increases the Sensitivity to Paclitaxel by Inducing G2/M Arrest and Apoptosis. Experimental Cell Research, 1998, 241, 96-101.	2.6	81
9	Adding Ipsilateral V20 and V30 to Conventional Dosimetric Constraints Predicts Radiation Pneumonitis in Stage IIIA-B NSCLC Treated With Combined-Modality Therapy. International Journal of Radiation Oncology Biology Physics, 2010, 76, 110-115.	0.8	74
10	Natural agents targeting the Î±7-nicotinic receptor in NSCLC: A promising prospective in anti-cancer drug development. International Journal of Cancer, 2008, 122, 1911-1915.	5.1	73
11	The cholinergic system and cancer. Seminars in Cancer Biology, 2008, 18, 211-217.	9.6	69
12	Tobacco Habit: Historical, Cultural, Neurobiological, and Genetic Features of People's Relationship with an Addictive Drug. Perspectives in Biology and Medicine, 2011, 54, 557-577.	0.5	64
13	Molecular Mechanisms of Hexavalent Chromium-Induced Apoptosis in Human Bronchoalveolar Cells. American Journal of Respiratory Cell and Molecular Biology, 2005, 33, 589-600.	2.9	58
14	Nicotine, Lung and Cancer. Anti-Cancer Agents in Medicinal Chemistry, 2007, 7, 461-466.	1.7	54
15	New Drugs from Marine Organisms in Alzheimer's Disease. Marine Drugs, 2016, 14, 5.	4.6	52
16	DNA damage in non-communicable diseases: A clinical and epidemiological perspective. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2015, 776, 118-127.	1.0	50
17	Inhibition of Nonneuronal Î±7-Nicotinic Receptor for Lung Cancer Treatment. American Journal of Respiratory and Critical Care Medicine, 2009, 179, 1141-1150.	5.6	47
18	Î±7-Nicotinic receptor antagonists at the beginning of a clinical era for NSCLC and Mesothelioma?. Drug Discovery Today, 2009, 14, 822-836.	6.4	46

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19	Nicotinic receptor and tobacco-related cancer. <i>Life Sciences</i> , 2012, 91, 1087-1092.	4.3	46
20	RPR-115135, a farnesyltransferase inhibitor, increases 5-FU- cytotoxicity in ten human colon cancer cell lines: Role of p53. <i>International Journal of Cancer</i> , 2002, 100, 266-275.	5.1	43
21	Anticancer Drug Discovery from the Marine Environment. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2012, 7, 218-232.	1.6	43
22	Shorter telomere length in schizophrenia: Evidence from a real-world population and meta-analysis of most recent literature. <i>Schizophrenia Research</i> , 2018, 202, 37-45.	2.0	40
23	Studies on DNA binding of caffeine and derivatives: evidence of intercalation by DNA-unwinding experiments. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1989, 1007, 112-115.	2.4	39
24	P4 Medicine Needs P4 Education. <i>Current Pharmaceutical Design</i> , 2014, 20, 6071-6072.	1.9	37
25	DNA damage in circulating leukocytes measured with the comet assay may predict the risk of death. <i>Scientific Reports</i> , 2021, 11, 16793.	3.3	36
26	Inhibition of MDR1 activity and induction of apoptosis by analogues of nifedipine and diltiazem: an in vitro analysis. <i>Investigational New Drugs</i> , 2011, 29, 98-109.	2.6	35
27	A Systems Medicine Clinical Platform for Understanding and Managing Non- Communicable Diseases. <i>Current Pharmaceutical Design</i> , 2014, 20, 5945-5956.	1.9	32
28	Role of the Non-Neuronal Human Cholinergic System in Lung Cancer and Mesothelioma: Possibility of New Therapeutic Strategies. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2004, 4, 535-542.	7.0	30
29	Targeting $\alpha 7$ -nicotinic receptor for the treatment of pleural mesothelioma. <i>European Journal of Cancer</i> , 2008, 44, 2296-2311.	2.8	29
30	Alkaline DNA fragmentation, DNA disentanglement evaluated viscosimetrically and sister chromatid exchanges, after treatment in vivo with nitrofurantoin. <i>Chemico-Biological Interactions</i> , 1983, 45, 77-94.	4.0	28
31	$\alpha 7$ -Nicotinic Acetylcholine Receptors: An Old Actor for New Different Roles. <i>Current Drug Targets</i> , 2012, 13, 574-578.	2.1	28
32	Tobacco Smoking: Risk to Develop Addiction, Chronic Obstructive Pulmonary Disease, and Lung Cancer. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2019, 14, 39-52.	1.6	28
33	Farnesylated Proteins as Anticancer Drug Targets: From Laboratory to the Clinic. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2004, 4, 123-138.	7.0	28
34	Sister-chromatid exchanges, chromosomal aberrations and cytotoxicity produced by topoisomerase II-targeted drugs in sensitive (A2780) and resistant (A2780-DX3) human ovarian cancer cells: Correlations with the formation of DNA double-strand breaks. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1994, 311, 21-29.	1.0	27
35	Human papillomavirus type 16 E6-enhanced susceptibility to apoptosis induced by TNF in A2780 human ovarian cancer cell line. <i>International Journal of Cancer</i> , 2002, 97, 732-739.	5.1	27
36	Alpha9Alpha10 Nicotinic Acetylcholine Receptors as Target for the Treatment of Chronic Pain. <i>Current Pharmaceutical Design</i> , 2014, 20, 6042-6047.	1.9	26

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37	Nicotine upregulates ACE2 expression and increases competence for SARS-CoV-2 in human pneumocytes. <i>ERJ Open Research</i> , 2021, 7, 00713-2020.	2.6	25
38	c-myc Down-Regulation Induces Apoptosis in Human Cancer Cell Lines Exposed to RPR-115135 (C31H29NO4), a Non-Peptidomimetic Farnesyltransferase Inhibitor. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003, 304, 37-47.	2.5	23
39	New Anticancer Drugs from Marine Cyanobacteria. <i>Current Drug Targets</i> , 2012, 13, 1048-1053.	2.1	23
40	Mild Cognitive Impairment and Mild Dementia: The Role of Ginkgo biloba (EGb 761Â®). <i>Pharmaceuticals</i> , 2021, 14, 305.	3.8	23
41	Beyond Acetylcholinesterase Inhibitors for Treating Alzheimer's Disease: 7-nAChR Agonists in Human Clinical Trials. <i>Current Pharmaceutical Design</i> , 2014, 20, 6014-6021.	1.9	22
42	Is 7-nAChR a Possible Target for Lung Cancer and Malignant Pleural Mesothelioma Treatment?. <i>Current Drug Targets</i> , 2012, 13, 688-694.	2.1	22
43	DNA damage induced by auramine O in liver, kidney, and bone marrow of rats and mice, and in a human cell line (alkaline elution assay and SCE induction). <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 1982, 9, 941-952.	2.3	21
44	Mechanism of resistance to cisplatin in a human ovarian-carcinoma cell line selected for resistance to doxorubicin: Possible role of p53. , 1997, 72, 155-159.		21
45	Novel Prognostic Groups in Thymic Epithelial Tumors: Assessment of Risk and Therapeutic Strategy Selection. <i>International Journal of Radiation Oncology Biology Physics</i> , 2008, 71, 420-427.	0.8	21
46	Clinical and genomic safety of treatment with Ginkgo biloba L. leaf extract (IDN Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (5933/Gin Complementary and Alternative Medicine, 2018, 18, 22.	3.7	21
47	FKBP5 rs4713916: A Potential Genetic Predictor of Interindividual Different Response to Inhaled Corticosteroids in Patients with Chronic Obstructive Pulmonary Disease in a Real-Life Setting. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2024.	4.1	21
48	Deep sea as a source of novel-anticancer drugs: update on discovery and preclinical/clinical evaluation in a systems medicine perspective. <i>EXCLI Journal</i> , 2015, 14, 228-36.	0.7	21
49	Effect of Genetic Polymorphisms (SNPs) in CHRNA7 Gene on Response to Acetylcholinesterase Inhibitors (AChEI) in Patients with Alzheimer's Disease. <i>Current Drug Targets</i> , 2017, 18, 1179-1190.	2.1	21
50	Mutations in K-ras Codon 12 Detected in Plasma DNA Are Not an Indicator of Disease in Patients with Non-Small Cell Lung Cancer. <i>Clinical Chemistry</i> , 2005, 51, 1313-1314.	3.2	18
51	Quantitative predictivity of the transformation in vitro assay compared with the Ames test. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 1983, 12, 483-510.	2.3	17
52	Human Granulocyte-Macrophage Colony-stimulating Factor Is a Growth Factor Active on Human Ovarian Cancer Cells. <i>Japanese Journal of Cancer Research</i> , 1991, 82, 1196-1198.	1.7	17
53	Generation and Characterization of a Low-Degree Drug-Resistant Human Tumor Cell Line. <i>Oncology</i> , 1990, 47, 488-494.	1.9	16
54	Multimodality treatment of unresectable stage III non-small cell lung cancer: Interim analysis of a phase II trial with preoperative gemcitabine and concurrent radiotherapy. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2006, 131, 314-321.e3.	0.8	16

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55	Effect of recombinant human tumor necrosis factor on A2774 human ovarian cancer cell line: Potentiation of mitoxantrone cytotoxicity. <i>Gynecologic Oncology</i> , 1991, 41, 52-55.	1.4	15
56	Novel Therapeutic Strategy in the Management of COPD: A Systems Medicine Approach. <i>Current Medicinal Chemistry</i> , 2015, 22, 3655-3675.	2.4	15
57	Prognostic role of K-Ras mutations in non-small cell lung cancer: Still an issue for open debate. <i>Lung Cancer</i> , 2006, 53, 393-395.	2.0	14
58	K-ras Mutations in Circulating DNA From Pancreatic and Lung Cancers. <i>Pancreas</i> , 2008, 37, 101-102.	1.1	14
59	Metabolic Disorder in Chronic Obstructive Pulmonary Disease (COPD) Patients: Towards a Personalized Approach Using Marine Drug Derivatives. <i>Marine Drugs</i> , 2017, 15, 81.	4.6	14
60	Potentiation of Topoisomerase I and II Inhibitors Cell Killing by Tumor Necrosis Factor: Relationship to DNA Strand Breakage Formation. <i>Japanese Journal of Cancer Research</i> , 1992, 83, 1132-1136.	1.7	13
61	Assay of phenacetin genotoxicity using in vitro and in vivo test systems. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 1985, 16, 355-377.	2.3	12
62	α7 nAChR in Airway Respiratory Epithelial Cells. <i>Current Drug Targets</i> , 2012, 13, 666-670.	2.1	12
63	Nicotine Changes Airway Epithelial Phenotype and May Increase the SARS-COV-2 Infection Severity. <i>Molecules</i> , 2021, 26, 101.	3.8	12
64	In vivo Cancer Imaging with Semiconductor Quantum Dots. <i>Current Pharmaceutical Analysis</i> , 2008, 4, 197-205.	0.6	11
65	DNA damage in mouse and rat liver by caprolactam and benzoin, evaluated with three different methods. <i>Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure</i> , 1989, 224, 379-384.	1.2	10
66	The role of the surgeon in translational research. <i>Lancet, The</i> , 2003, 362, 1082.	13.7	10
67	Increasing Complexity of Farnesyltransferase Inhibitors Activity: Role in Chromosome Instability. <i>Current Cancer Drug Targets</i> , 2003, 3, 109-118.	1.6	10
68	Potentiation of TNF-mediated cell killing by mitoxantrone. <i>Biochemical Pharmacology</i> , 1993, 46, 1199-1206.	4.4	9
69	Farnesyltransferase Inhibitors: Overview of their Action and Role in Solid Malignancy Therapy. <i>Letters in Drug Design and Discovery</i> , 2005, 2, 26-35.	0.7	9
70	Effects of vitamin E on liver DNA. <i>Cancer Letters</i> , 1984, 25, 163-170.	7.2	8
71	Malignant pleural mesothelioma: time for translational research. <i>Lancet Oncology, The</i> , 2004, 5, 591.	10.7	8
72	Use of Pharmacotherapy for Smoking Cessation in Italy. <i>Archives of Internal Medicine</i> , 2009, 169, 1927.	3.8	8

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73	Biomarkers of DNA damage in COPD patients undergoing pulmonary rehabilitation: Integrating clinical parameters with genomic profiling. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2019, 843, 111-117.	1.7	8
74	A New Era for the $\alpha 7$ -nAChR. <i>Current Drug Targets</i> , 2012, 13, 721-725.	2.1	8
75	The Sea Urchin, <i>Paracentrotus lividus</i> , as a Model to Investigate the Onset of Molecules Immunologically Related to the $\alpha 7$ Subunit of Nicotinic Receptors During Embryonic and Larval Development. <i>Current Drug Targets</i> , 2012, 13, 587-593.	2.1	8
76	DNA damage in liver of mice treated with N-nitrodimethylamine. <i>Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1982, 103, 207-211.	1.1	7
77	Farnesyltransferase Inhibitors and Human Malignant Pleural Mesothelioma: A First-Step Comparative Translational Study. <i>Clinical Cancer Research</i> , 2005, 11, 2026-2037.	7.0	7
78	Flavonoids and Reduction of Cardiovascular Disease (CVD) in Chronic Obstructive Pulmonary Disease (COPD). <i>Current Medicinal Chemistry</i> , 2019, 26, 7048-7058.	2.4	7
79	Detectability in vivo of stabilized intercalating agents with the alkaline elution technique comparison within vivo sister chromatid exchange induction. <i>Journal of Applied Toxicology</i> , 1983, 3, 58-62.	2.8	6
80	Use of the Semiconductor Nanotechnologies “Quantum Dots” for in vivo Cancer Imaging. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2009, 4, 207-215.	1.6	6
81	Action plans and coping strategies in elderly COPD patients influence the result of pulmonary rehabilitation: an observational study. <i>European Journal of Physical and Rehabilitation Medicine</i> , 2017, , .	2.2	6
82	DNA damage in liver of rats treated with nitrofurantoin. <i>Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1982, 105, 377-382.	1.1	5
83	Potentiation by Tumor Necrosis Factor of Mitoxantrone Cytotoxicity to Human Ovarian Cancer Cell Lines. <i>Japanese Journal of Cancer Research</i> , 1992, 83, 684-687.	1.7	5
84	Induction of DNA double-strand breaks by 8-methoxycaffeine: cell cycle dependence and comparison with topoisomerase II inhibitors. <i>Carcinogenesis</i> , 1994, 15, 2491-2496.	2.8	5
85	Circumvention of Atypical Multidrug Resistance with Tumor Necrosis Factor. <i>Japanese Journal of Cancer Research</i> , 1994, 85, 135-138.	1.7	5
86	Interferon- α or β potentiate platinum analogous in human glioblastoma cell lines. <i>Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1995, 348, 131-135.	1.1	5
87	Interactions between taxol and camptothecin. <i>Anti-Cancer Drugs</i> , 1996, 7, 531-534.	1.4	5
88	Induction of micronuclei by a new non-peptidic mimetic farnesyltransferase inhibitor RPR-115135: role of gene mutations. <i>Mutagenesis</i> , 2001, 16, 423-430.	2.6	5
89	Nonpeptidomimetic Farnesyltransferase Inhibitor RPR-115135 Increases Cytotoxicity of 5-Fluorouracil: Role of p53. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2002, 300, 220-226.	2.5	5
90	Editorial (Thematic Issue: Disease Control and Active and Healthy Ageing: New Paradigms of) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Jf 50 62 T</i>	1.9	5

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91	Daily Vegetables Intake and Response to COPD Rehabilitation. The Role of Oxidative Stress, Inflammation and DNA Damage. <i>Nutrients</i> , 2021, 13, 2787.	4.1	5
92	Commentary: Early Diagnosis of Lung Cancer: Where Do We Stand?. <i>Oncologist</i> , 2007, 12, 1433-1436.	3.7	4
93	Factors predicting poor survival after resection of stage IA non-small cell lung cancer. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2008, 136, 241-242.	0.8	4
94	Computed Tomography Screening for Lung Cancer in a High-Risk Population: Update on Current Status. <i>Journal of the National Cancer Institute</i> , 2008, 100, 1043-1044.	6.3	4
95	Psycho-cognitive assessment and quality of life in older adults with chronic obstructive pulmonary disease-carrying the rs4713916 gene polymorphism (G/A) of gene FKBP5 and response to pulmonary rehabilitation: a proof of concept study. <i>Psychiatric Genetics</i> , 2022, 32, 116-124.	1.1	4
96	Non-Small Cell Lung Cancer: From Cytotoxic Systemic Chemotherapy to Molecularly Targeted Therapy. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2004, 4, 231-245.	7.0	3
97	Smoking Out the Cholinergic Component in Lung Cancer. <i>Clinical Cancer Research</i> , 2008, 14, 6742-6743.	7.0	3
98	Microbiome in Chronic Obstructive Pulmonary Disease: Role of Natural Products Against Microbial Pathogens. <i>Current Medicinal Chemistry</i> , 2020, 27, 2931-2948.	2.4	3
99	Covid-19 and the role of smoking: the protocol of the multicentric prospective study COSMO-IT (COvid19 and SMOKing in ITaly). <i>Acta Biomedica</i> , 2020, 91, e2020062.	0.3	3
100	DNA damage in dementia: Evidence from patients affected by severe Chronic Obstructive Pulmonary Disease (COPD) and meta-analysis of most recent literature. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2022, 878, 503499.	1.7	3
101	Tumour necrosis factor enhances the therapeutic effect of mitoxantrone in human ovarian cancer xenograft. <i>Cytokine</i> , 1996, 8, 330-333.	3.2	2
102	RPR-115135, a new non peptidomimetic farnesyltransferase inhibitor, induces G0/G1 arrest only in serum starved cells. <i>International Journal of Oncology</i> , 2001, 18, 855-62.	3.3	2
103	Computed tomography screening for lung cancer. <i>Cancer</i> , 2008, 112, 2520-2521.	4.1	2
104	Cognitive Impairment in Chronic Obstructive Pulmonary Disease (COPD): Possible Utility of Marine Bioactive Compounds. <i>Marine Drugs</i> , 2018, 16, 313.	4.6	2
105	Pharmacological Management of Chronic Obstructive Lung Disease (COPD). Focus on Mutations - Part 1. <i>Current Medicinal Chemistry</i> , 2019, 26, 1721-1733.	2.4	2
106	Pharmacological Management of Chronic Obstructive Lung Disease (COPD). Evidence from a Real-World Perspective - Part 2. <i>Current Medicinal Chemistry</i> , 2019, 26, 1734-1745.	2.4	2
107	Atypical multidrug resistance in human ovarian cancer cell line A2780 selected for resistance to doxorubicin (A2780 DX3). <i>Journal of Cancer Research and Clinical Oncology</i> , 1995, 121, 155-163.	2.5	1
108	Inflammation and thoracic surgery: a complex interaction. <i>European Journal of Cardio-thoracic Surgery</i> , 2007, 32, 950-950.	1.4	1

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109	Concluding Notes of Special Issue "α7 Nicotinic Receptor (α7-nAChR): One Target Different Diseases". Current Drug Targets, 2012, 13, 726-727.	2.1	1
110	Networking for excellence in lung cancer: paper vs. research work. Lung Cancer, 2004, 43, 363-365.	2.0	0
111	Role of Tyrosine Kinase Inhibitor Molecules in Non Small Cell Lung Cancer: From Benchside to Bedside. Current Respiratory Medicine Reviews, 2007, 3, 159-167.	0.2	0
112	Editorial [Hot Topic: α7-Nicotinic Receptor (α7-nAChR): One Target Different Diseases (Guest Editors:)]	2.1	0
113	DNA Fragmentation or Changes in Chromatin Conformation. Results with Two Model Systems: Promotion in Rat Liver Carcinogenesis and Proliferation in Mastocytes. , 1988, , 195-202.		0