

# Simona Sestito

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

1,485  
citations

394421

19  
h-index

330143

37  
g-index

41  
all docs

41  
docs citations

41  
times ranked

2296  
citing authors

#	ARTICLE	IF	CITATIONS
1	Turmeric and Its Major Compound Curcumin on Health: Bioactive Effects and Safety Profiles for Food, Pharmaceutical, Biotechnological and Medicinal Applications. <i>Frontiers in Pharmacology</i> , 2020, 11, 01021.	3.5	345
2	Chitosan nanoparticles as a promising tool in nanomedicine with particular emphasis on oncological treatment. <i>Cancer Cell International</i> , 2021, 21, 318.	4.1	139
3	Combined inhibition of AKT/mTOR and MDM2 enhances Glioblastoma Multiforme cell apoptosis and differentiation of cancer stem cells. <i>Scientific Reports</i> , 2015, 5, 9956.	3.3	77
4	ACE2 in the Era of SARS-CoV-2: Controversies and Novel Perspectives. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 588618.	3.5	77
5	Oxidative Stress, Mitochondrial Abnormalities and Proteins Deposition: Multitarget Approaches in Alzheimer's Disease. <i>Current Topics in Medicinal Chemistry</i> , 2017, 17, 3062-3079.	2.1	71
6	Epibatidine: A Promising Natural Alkaloid in Health. <i>Biomolecules</i> , 2019, 9, 6.	4.0	59
7	Selective Thyroid Hormone Receptor-Beta (TR $\beta$ ) Agonists: New Perspectives for the Treatment of Metabolic and Neurodegenerative Disorders. <i>Frontiers in Medicine</i> , 2020, 7, 331.	2.6	57
8	Discovery of novel rivastigmine-hydroxycinnamic acid hybrids as multi-targeted agents for Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2017, 125, 784-792.	5.5	55
9	Memantine prodrug as a new agent for Alzheimer's Disease. <i>Scientific Reports</i> , 2019, 9, 4612.	3.3	54
10	Design and synthesis of H <sub>2</sub> S-donor hybrids: A new treatment for Alzheimer's disease?. <i>European Journal of Medicinal Chemistry</i> , 2019, 184, 111745.	5.5	49
11	Dual Inhibition of PDK1 and Aurora Kinase A: An Effective Strategy to Induce Differentiation and Apoptosis of Human Glioblastoma Multiforme Stem Cells. <i>ACS Chemical Neuroscience</i> , 2017, 8, 100-114.	3.5	45
12	<i>Areca catechu</i> "From farm to food and biomedical applications. <i>Phytotherapy Research</i> , 2020, 34, 2140-2158.	5.8	40
13	Design and synthesis of 2-oxindole based multi-targeted inhibitors of PDK1/Akt signaling pathway for the treatment of glioblastoma multiforme. <i>European Journal of Medicinal Chemistry</i> , 2015, 105, 274-288.	5.5	37
14	New Insights into the Potential Roles of 3-Iodothyronamine (TIAM) and Newly Developed Thyronamine-Like TAAR1 Agonists in Neuroprotection. <i>Frontiers in Pharmacology</i> , 2017, 8, 905.	3.5	34
15	New Multitarget Approaches in the War Against Glioblastoma: A Mini-Perspective. <i>Frontiers in Pharmacology</i> , 2018, 9, 874.	3.5	31
16	Paving Luteolin Therapeutic Potentialities and Agro-Food-Pharma Applications: Emphasis on In Vivo Pharmacological Effects and Bioavailability Traits. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 1-20.	4.0	29
17	Synthesis of Novel 3,5-Disubstituted-2-oxindole Derivatives As Antitumor Agents against Human Nonsmall Cell Lung Cancer. <i>ACS Medicinal Chemistry Letters</i> , 2013, 4, 1137-1141.	2.8	24
18	Hydrogen Sulfide: A Worthwhile Tool in the Design of New Multitarget Drugs. <i>Frontiers in Chemistry</i> , 2017, 5, 72.	3.6	21

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19	Nature-based molecules combined with rivastigmine: A symbiotic approach for the synthesis of new agents against Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2017, 141, 232-239.	5.5	20
20	Locking PDK1 in DFG-out conformation through 2-oxo-indole containing molecules: Another tools to fight glioblastoma. <i>European Journal of Medicinal Chemistry</i> , 2016, 118, 47-63.	5.5	19
21	Hit-to-Lead Optimization of Mouse Trace Amine Associated Receptor 1 (mTAAR1) Agonists with a Diphenylmethane-Scaffold: Design, Synthesis, and Biological Study. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 9825-9836.	6.4	19
22	Multi-targeted ChEI-copper chelating molecules as neuroprotective agents. <i>European Journal of Medicinal Chemistry</i> , 2019, 174, 216-225.	5.5	18
23	A patent update on PDK1 inhibitors (2015-present). <i>Expert Opinion on Therapeutic Patents</i> , 2019, 29, 271-282.	5.0	18
24	Design, synthesis and biological evaluation of novel TRÎ² selective agonists sustained by ADME-toxicity analysis. <i>European Journal of Medicinal Chemistry</i> , 2020, 188, 112006.	5.5	16
25	3-Iodothyronamine and Derivatives: New Allies Against Metabolic Syndrome?. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2005.	4.1	15
26	Endogenous 3-Iodothyronamine (T1AM) and Synthetic Thyronamine-Like Analog SG-2 Act as Novel Pleiotropic Neuroprotective Agents through the Modulation of SIRT6. <i>Molecules</i> , 2020, 25, 1054.	3.8	15
27	Preclinical validation of 3-phosphoinositide-dependent protein kinase 1 inhibition in pancreatic cancer. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 191.	8.6	14
28	Beyond Antioxidant Effects: Nature-Based Templates Unveil New Strategies for Neurodegenerative Diseases. <i>Antioxidants</i> , 2021, 10, 367.	5.1	14
29	Potential role of two novel agonists of thyroid hormone receptorÎ² on liver regeneration. <i>Cell Proliferation</i> , 2020, 53, e12808.	5.3	13
30	Inhibition of Enterovirus A71 by a Novel 2-Phenyl-Benzimidazole Derivative. <i>Viruses</i> , 2021, 13, 58.	3.3	13
31	Synthesis and pharmacological characterization of mitochondrial KATP channel openers with enhanced mitochondriotropic effects. <i>Bioorganic Chemistry</i> , 2021, 107, 104572.	4.1	10
32	A comprehensive assessment of a new series of 5,6-difluorobenzotriazole-acrylonitrile derivatives as microtubule targeting agents (MTAs). <i>European Journal of Medicinal Chemistry</i> , 2021, 222, 113590.	5.5	9
33	Delivery of Thyronamines (TAMs) to the Brain: A Preliminary Study. <i>Molecules</i> , 2021, 26, 1616.	3.8	7
34	Collecting data through high throughput in vitro early toxicity and off-target liability assays to rapidly identify limitations of novel thymimetics. <i>Data in Brief</i> , 2020, 29, 105206.	1.0	6
35	Dual PDK1/Aurora Kinase A Inhibitors Reduce Pancreatic Cancer Cell Proliferation and Colony Formation. <i>Cancers</i> , 2019, 11, 1695.	3.7	4
36	Development of potent dual PDK1/AurA kinase inhibitors for cancer therapy: Lead-optimization, structural insights, and ADME-Tox profile. <i>European Journal of Medicinal Chemistry</i> , 2021, 226, 113895.	5.5	3

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37	Synthesis and Biological Evaluation of Cyclopropylamine Vitamin D $\alpha$ -Like CYP24A1 Inhibitors. <i>ChemistrySelect</i> , 2017, 2, 8346-8353.	1.5	2
38	Novel Dual PDK1/AurK-A Inhibitors for Cancer Therapy: Med Chem Evolution and Crystallographic Investigation. <i>Proceedings (mdpi)</i> , 2019, 22, .	0.2	2
39	Synthesis and Functional Evaluation of Novel Aldose Reductase Inhibitors Bearing a Spirobenzopyran Scaffold. <i>Open Medicinal Chemistry Journal</i> , 2017, 11, 9-23.	2.4	2
40	Design, Synthesis, and In Vitro Evaluation of Novel 8-Amino-Quinoline Combined with Natural Antioxidant Acids. <i>Pharmaceuticals</i> , 2022, 15, 688.	3.8	2
41	SG-2: A promising lipolytic and pro-autophagic hit-compound to treat Alzheimer $\text{\textcircled{r}}\text{\textsuperscript{TM}}$ s disease. <i>Biomedical Science and Engineering</i> , 2020, 3, .	0.0	0