

Salvatore V. GiofrÃ

List of Publications by Year in descending order

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72
papers

2,016
citations

236925

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276875

41
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78
all docs

78
docs citations

78
times ranked

3090
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphene quantum dots for cancer targeted drug delivery. <i>International Journal of Pharmaceutics</i> , 2017, 518, 185-192.	5.2	268
2	Divergent Palladium Iodide Catalyzed Multicomponent Carbonylative Approaches to Functionalized Isoindolinone and Isobenzofuranimine Derivatives. <i>Journal of Organic Chemistry</i> , 2014, 79, 3506-3518.	3.2	94
3	A Smart Nanovector for Cancer Targeted Drug Delivery Based on Graphene Quantum Dots. <i>Nanomaterials</i> , 2019, 9, 282.	4.1	83
4	Pyridine and Pyrimidine Derivatives as Privileged Scaffolds in Biologically Active Agents. <i>Current Medicinal Chemistry</i> , 2020, 26, 7166-7195.	2.4	78
5	Cyanidin induces apoptosis and differentiation in prostate cancer cells. <i>International Journal of Oncology</i> , 2015, 47, 1303-1310.	3.3	63
6	Antiviral activity of seed extract from <i>Citrus bergamia</i> towards human retroviruses. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 2084-2089.	3.0	60
7	Synthesis of C-4-Truncated Phosphonated Carbocyclic 2-Oxa-3-azanucleosides as Antiviral Agents. <i>Journal of Organic Chemistry</i> , 2010, 75, 2798-2805.	3.2	54
8	The metabolic profile of lemon juice by proton HR-MAS NMR: the case of the PGI Interdonato Lemon of Messina. <i>Natural Product Research</i> , 2015, 29, 1894-1902.	1.8	54
9	Apocarotenoids determination in <i>Capsicum chinense</i> Jacq. cv. Habanero, by supercritical fluid chromatography-triple-quadrupole/mass spectrometry. <i>Food Chemistry</i> , 2017, 231, 316-323.	8.2	48
10	Removal of heavy metal ions from wastewaters using dendrimer-functionalized multi-walled carbon nanotubes. <i>Environmental Science and Pollution Research</i> , 2017, 24, 14735-14747.	5.3	45
11	HR-MAS and NMR towards Foodomics. <i>Food Research International</i> , 2016, 89, 1085-1094.	6.2	41
12	Computational Mechanistic Study of Thionation of Carbonyl Compounds with Lawesson's Reagent. <i>Journal of Organic Chemistry</i> , 2016, 81, 7733-7740.	3.2	40
13	Review of Clinical Pharmacology of <i>Aloe vera</i> L. in the Treatment of Psoriasis. <i>Phytotherapy Research</i> , 2015, 29, 648-655.	5.8	39
14	Inhibition of aldose reductase activity by chemotypes extracts with high content of cannabidiol or cannabigerol. <i>Fitooterapia</i> , 2018, 127, 101-108.	2.2	39
15	Carotenoids and apocarotenoids determination in intact human blood samples by online supercritical fluid extraction-supercritical fluid chromatography-tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2018, 1032, 40-47.	5.4	39
16	Mercury in fish products: what's the best for consumers between bluefin tuna and yellowfin tuna?. <i>Natural Product Research</i> , 2018, 32, 457-462.	1.8	38
17	Statistical Analysis of Mineral Concentration for the Geographic Identification of Garlic Samples from Sicily (Italy), Tunisia and Spain. <i>Foods</i> , 2016, 5, 20.	4.3	36
18	Phytotoxic Potential and Biological Activity of Three Synthetic Coumarin Derivatives as New Natural-Like Herbicides. <i>Molecules</i> , 2015, 20, 17883-17902.	3.8	35

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19	Silibinin as potential tool against SARS-CoV-2: In silico spike receptor binding domain and main protease molecular docking analysis, and in vitro endothelial protective effects. <i>Phytotherapy Research</i> , 2021, 35, 4616-4625.	5.8	32
20	Peptidomimetics containing a vinyl ketone warhead as falcipain-2 inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 2058-2065.	5.5	30
21	Eco-Friendly 1,3-Dipolar Cycloaddition Reactions on Graphene Quantum Dots in Natural Deep Eutectic Solvent. <i>Nanomaterials</i> , 2020, 10, 2549.	4.1	30
22	Oxazole-Based Compounds As Anticancer Agents. <i>Current Medicinal Chemistry</i> , 2020, 26, 7337-7371.	2.4	30
23	Pyrimidine 2,4-Diones in the Design of New HIV RT Inhibitors. <i>Molecules</i> , 2019, 24, 1718.	3.8	28
24	Truncated Reverse Isoxazolidinyl Nucleosides: A New Class of Allosteric HIV-1 Reverse Transcriptase Inhibitors. <i>ChemMedChem</i> , 2012, 7, 565-569.	3.2	27
25	Synthesis and biological evaluation of 3-hydroxymethyl-5-(1H-1,2,3-triazol) isoxazolidines. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 7929-7937.	3.0	26
26	Analytical Evaluation and Antioxidant Properties of Some Secondary Metabolites in Northern Italian Mono- and Multi-Varietal Extra Virgin Olive Oils (EVOOs) from Early and Late Harvested Olives. <i>International Journal of Molecular Sciences</i> , 2017, 18, 797.	4.1	26
27	Interaction of selected terpenoids with two SARS-CoV-2 key therapeutic targets: An in silico study through molecular docking and dynamics simulations. <i>Computers in Biology and Medicine</i> , 2021, 134, 104538.	7.0	25
28	Base-Free Copper-Catalyzed Azide-Alkyne Click Cycloadditions (CuAAC) in Natural Deep Eutectic Solvents as Green and Catalytic Reaction Media**. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 4777-4789.	2.4	25
29	Isoxazolidines as Biologically Active Compounds. <i>Current Organic Synthesis</i> , 2016, 13, 726-749.	1.3	25
30	Truncated phosphonated C-1'-branched N,O-nucleosides: A new class of antiviral agents. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 3652-3657.	3.0	24
31	Performance evaluation of a versatile multidimensional chromatographic preparative system based on three-dimensional gas chromatography and liquid chromatography—two-dimensional gas chromatography for the collection of volatile constituents. <i>Journal of Chromatography A</i> , 2015, 1417, 96-103.	3.7	24
32	Synthesis and Biological Properties of 5-(1H-1,2,3-Triazol-4-yl)isoxazolidines: A New Class of C-Nucleosides. <i>Molecules</i> , 2015, 20, 5260-5275.	3.8	23
33	Synthesis of spiro[isindole-1,5'-isoxazolidin]-3(2 <i>H</i>)-ones as potential inhibitors of the MDM2-p53 interaction. <i>Beilstein Journal of Organic Chemistry</i> , 2016, 12, 2793-2807.	2.2	23
34	Synthesis and biological evaluation of furopyrimidine N,O-nucleosides. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 5688-5693.	3.0	22
35	Synthesis and biological activity of new arenediynes-linked isoxazolidines. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 3379-3385.	3.0	22
36	Non-Conventional Methodologies in the Synthesis of 1-Indanones. <i>Molecules</i> , 2014, 19, 5599-5610.	3.8	22

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37	C-5- TM -Triazolyl-2- TM -oxa-3- TM -aza-4- TM -a-carbanucleosides: Synthesis and biological evaluation. Beilstein Journal of Organic Chemistry, 2015, 11, 328-334.	2.2	22
38	A Palladium Iodide-Catalyzed Oxidative Aminocarbonylation-“Heterocyclization Approach to Functionalized Benzimidazoimidazoles. Journal of Organic Chemistry, 2018, 83, 1680-1685.	3.2	22
39	Synthesis of 5- TM -Alkynyl Isoxazolidinyl Nucleosides. European Journal of Organic Chemistry, 2011, 2011, 5690-5695.	2.4	19
40	DNA Recognition with Polycyclic- TM -Aromatic- TM -Hydrocarbon- TM -Presenting Calixarene Conjugates. European Journal of Organic Chemistry, 2014, 2014, 7605-7613.	2.4	19
41	Chitosan/PAMAM/Hydroxyapatite Engineered Drug Release Hydrogels with Tunable Rheological Properties. Polymers, 2020, 12, 754.	4.5	19
42	Titanium Surface Modification for Implantable Medical Devices with Anti-Bacterial Adhesion Properties. Materials, 2022, 15, 3283.	2.9	19
43	First Example of Direct RuO ₄ -Catalyzed Oxidation of Isoxazolidines to 3-Isoxazolidones. Journal of Organic Chemistry, 2007, 72, 3958-3960.	3.2	18
44	Functionalized polyhedral oligosilsesquioxane (POSS) based composites for bone tissue engineering: synthesis, computational and biological studies. RSC Advances, 2020, 10, 11325-11334.	3.6	18
45	3,4-DHPEA-EA from <i>Olea Europaea</i> L. is effective against standard and clinical isolates of <i>Staphylococcus</i> sp. Annals of Clinical Microbiology and Antimicrobials, 2014, 13, 24.	3.8	17
46	Synthesis and Biological Activity of Triazole- TM -Appended N, O- TM -Nucleosides. European Journal of Organic Chemistry, 2014, 2014, 5442-5447.	2.4	17
47	Copper- TM -Catalyzed Recyclable Synthesis of (<i>Z</i>)- TM -Alkylideneisoindolinones by Cycloisomerization of 2- TM -Alkynylbenzamides in Ionic Liquids. ChemistrySelect, 2017, 2, 894-899.	1.5	17
48	Recent Advances in Nanotherapeutics for Multiple Myeloma. Cancers, 2020, 12, 3144.	3.7	17
49	Synthesis and Biological Activity of Unnatural Eneidyne. Current Medicinal Chemistry, 2017, 24, 3433-3484.	2.4	17
50	1,2,4-Oxadiazole-5-ones as analogues of tamoxifen: synthesis and biological evaluation. Organic and Biomolecular Chemistry, 2019, 17, 4892-4905.	2.8	16
51	Competitive Formation of TM -Enaminones and 3- TM -Amino- TM (5- TM -H- TM)- TM -furanones from the Isoxazolidine System: A Combined Synthetic and Quantum Chemical Study. European Journal of Organic Chemistry, 2010, 2010, 5897-5905.	2.4	15
52	Hydrozirconation of four-, five-, six- and seven-membered N-alkoxycarbonyl lactams to lactamols. Tetrahedron Letters, 2011, 52, 6880-6882.	1.4	13
53	Enantiomerically Pure Phosphonated Carbocyclic 2'-Oxa-3'-Azanucleosides: Synthesis and Biological Evaluation. Molecules, 2014, 19, 14406-14416.	3.8	11
54	1,2,3-Triazole/MWCNT conjugates as filler for gelcoat nanocomposites: new active antibiofouling coatings for marine application. Materials Research Express, 2015, 2, 115001.	1.6	11

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55	A new microwave-assisted thionation-heterocyclization process leading to benzo[c]thiophene-1(3H)-thione and 1H-isothiochromene-1-thione derivatives. RSC Advances, 2016, 6, 20777-20780.	3.6	10
56	Oxidative stress and body composition in prostate cancer and benign prostatic hyperplasia patients. Anticancer Research, 2014, 34, 5051-6.	1.1	10
57	The High Selectivity of the Cp2ZrHCl Reducing Agent for Imides: A Combined Experimental and Theoretical Study on β -Lactam and Isoxazolidinone Derivatives. European Journal of Organic Chemistry, 2013, 2013, 95-104.	2.4	9
58	Selective COX-2 Inhibitory Properties of Dihydrostilbenes from Liquorice Leaves – <i>In Vitro</i> Assays and Structure/Activity Relationship Study. Natural Product Communications, 2014, 9, 1934578X1400901.	0.5	8
59	Intramolecular oxidative palladium-catalyzed diamination reactions of alkenyl sulfamates: an efficient synthesis of [1,2,5]thiadiazolo-fused piperazinones. RSC Advances, 2016, 6, 57521-57529.	3.6	7
60	Microwave-Assisted Synthesis of Sulfurated Heterocycles with Herbicidal Activity: Reaction of α -Alkynylbenzoic Acids with Lawesson's Reagent. ChemPlusChem, 2019, 84, 942-950.	2.8	6
61	Antiretroviral treatment leading to secondary trimethylaminuria: Genetic associations and successful management with riboflavin. Journal of Clinical Pharmacy and Therapeutics, 2021, 46, 304-309.	1.5	6
62	Nanotechnology Approaches for Antiretroviral Drugs Delivery. Journal of AIDS and HIV Infections, 2015, 1, .	0.0	6
63	Synthesis of N,O- homonucleosides with high conformational freedom. Arkivoc, 2009, 2009, 168-176.	0.5	6
64	Phosphonated Nucleoside Analogues as Antiviral Agents. Topics in Medicinal Chemistry, 2013, , 53-91.	0.8	5
65	Synthesis and Biological Evaluation of Pyrimidine-oxazolidin-2-arylimino Hybrid Molecules as Antibacterial Agents. Molecules, 2018, 23, 1754.	3.8	5
66	5-(3-Phosphonated 1H-1,2,3-triazol-4-yl)isoxazolidines: synthesis, DFT studies and biological properties. Arkivoc, 2015, 2015, 253-269.	0.5	4
67	Synthesis and Biological Evaluation of 2,3,4-Triaryl-1,2,4-oxadiazol-5-ones as p38 MAPK Inhibitors. Molecules, 2021, 26, 1745.	3.8	3
68	Phosphonated N,O-Nucleosides: Synthesis and Biological Evaluation. Mini-Reviews in Organic Chemistry, 2015, 12, 249-257.	1.3	3
69	Formation of 3-Aminofuran-2-(5H)-ones and 3-Amino-1H-pyrrole-2,5-diones by Rearrangement of Isoxazolidines. Synlett, 2011, 2011, 245-248.	1.8	2
70	Ruthenium Tetroxide Oxidation of N-Methyl-Isoxazolidine: Computational Mechanistic Study. Arabian Journal of Chemistry, 2022, , 104063.	4.9	1
71	Expression of Tissue Transglutaminase in Human Thyroid Cancer Cell Lines: Effect of Novel Enantiopure Triazole Derivatives. , 2015, 5, .		0
72	Synthesis, computational evaluation and pharmacological assessment of acetylsalicylic esters as anti-inflammatory agents. Medicinal Chemistry Research, 2019, 28, 292-299.	2.4	0