

Andrea Calcaterra

List of Publications by Year in descending order

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40
papers

994
citations

516215

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433756

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42
all docs

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42
times ranked

1654
citing authors

#	ARTICLE	IF	CITATIONS
1	The market of chiral drugs: Chiral switches versus de novo enantiomerically pure compounds. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 147, 323-340.	1.4	328
2	The Pictet-Spengler Reaction Updates Its Habits. <i>Molecules</i> , 2020, 25, 414.	1.7	57
3	Phenolic compounds as likely natural mediators of laccase: A mechanistic assessment. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2008, 51, 118-120.	1.8	47
4	Chemical, computational and functional insights into the chemical stability of the Hedgehog pathway inhibitor GANT61. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2018, 33, 349-358.	2.5	45
5	Naturally-Occurring Alkaloids of Plant Origin as Potential Antimicrobials against Antibiotic-Resistant Infections. <i>Molecules</i> , 2020, 25, 3619.	1.7	41
6	Kuwanon as a New Allosteric HIV-1 Integrase Inhibitor: Molecular Modeling and Biological Evaluation. <i>ChemBioChem</i> , 2015, 16, 2507-2512.	1.3	39
7	Nigritanine as a New Potential Antimicrobial Alkaloid for the Treatment of <i>Staphylococcus aureus</i> -Induced Infections. <i>Toxins</i> , 2019, 11, 511.	1.5	37
8	Functionalized Graphene Derivatives: Antibacterial Properties and Cytotoxicity. <i>Journal of Nanomaterials</i> , 2019, 2019, 1-14.	1.5	34
9	Chirality Effects on the IRMPD Spectra of Basket Resorcinarene/Nucleoside Complexes. <i>Chemistry - A European Journal</i> , 2012, 18, 8320-8328.	1.7	29
10	Naturally occurring Diels-Alder-type adducts from <i>Morus nigra</i> as potent inhibitors of <i>Mycobacterium tuberculosis</i> protein tyrosine phosphatase B. <i>European Journal of Medicinal Chemistry</i> , 2018, 144, 277-288.	2.6	29
11	Natural Product Kuwanon Inhibits HIV-1 Replication through Multiple Target Binding. <i>ChemBioChem</i> , 2017, 18, 374-377.	1.3	27
12	A Novel Enzymatic Strategy for the Synthesis of Substituted Tetrahydroisoquinolines. <i>ChemistrySelect</i> , 2016, 1, 1525-1528.	0.7	21
13	Antifungal activity of Mongolian medicinal plant extracts. <i>Natural Product Research</i> , 2020, 34, 449-455.	1.0	21
14	One Hundred Faces of Cyclopamine. <i>Current Pharmaceutical Design</i> , 2016, 22, 1658-1681.	0.9	21
15	A unique high-diversity natural product collection as a reservoir of new therapeutic leads. <i>Organic Chemistry Frontiers</i> , 2021, 8, 996-1025.	2.3	20
16	Total Synthesis of (±)-Kuwanol E. <i>Journal of Natural Products</i> , 2016, 79, 2495-2503.	1.5	18
17	Metal Free Graphene Oxide (GO) Nanosheets and Pristine-Single Wall Carbon Nanotubes (p-SWCNTs) Biocompatibility Investigation: A Comparative Study in Different Human Cell Lines. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1316.	1.8	17
18	Smart Portable Devices Suitable for Cultural Heritage: A Review. <i>Sensors</i> , 2018, 18, 2434.	2.1	16

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19	<i>exo</i> -Beyerane Diterpenes as a Key Platform for the Development of ArnT-Mediated Colistin Resistance Inhibitors. <i>Journal of Organic Chemistry</i> , 2020, 85, 10891-10901.	1.7	16
20	A novel colistin adjuvant identified by virtual screening for ArnT inhibitors. <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, 2564-2572.	1.3	15
21	Antioxidant Properties of Aminoethylcysteine Ketimine Decarboxylated Dimer: A Review. <i>International Journal of Molecular Sciences</i> , 2011, 12, 3072-3084.	1.8	12
22	Fullerene Black Modified Screen Printed Electrodes for the Quantification of Acetaminophen and Guanine. <i>Electroanalysis</i> , 2017, 29, 2863-2872.	1.5	11
23	Newly Developed Nano-Calcium Carbonate and Nano-Calcium Propanoate for the Deacidification of Library and Archival Materials. <i>Journal of Analytical Methods in Chemistry</i> , 2017, 2017, 1-8.	0.7	10
24	A New Smoothed Antagonist Bearing the Purine Scaffold Shows Antitumour Activity In Vitro and In Vivo. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8372.	1.8	10
25	Calixarene: a versatile scaffold for the development of highly sensitive biosensors. <i>Supramolecular Chemistry</i> , 2021, 33, 345-369.	1.5	8
26	Covalently assembled resorcin[4]arenes and molecular tweezers: a chiral recognition rationale by NMR. <i>Supramolecular Chemistry</i> , 2016, 28, 647-655.	1.5	7
27	Stereochemical Preference of 2'-Deoxycytidine for Chiral Bis(diamido)bridged Basket Resorcin[4]arenes. <i>Chirality</i> , 2013, 25, 840-851.	1.3	6
28	Ultraviolet and infrared spectroscopy of neutral and ionic non-covalent diastereomeric complexes in the gas phase. <i>Rendiconti Lincei</i> , 2013, 24, 259-267.	1.0	5
29	Design and Synthesis of New Withaferin A Inspired Hedgehog Pathway Inhibitors. <i>Chemistry - A European Journal</i> , 2021, 27, 8350-8357.	1.7	5
30	Synthesis of 4-Substituted-1,2-Dihydroquinolines by Means of Gold-Catalyzed Intramolecular Hydroarylation Reaction of N-Ethoxycarbonyl-N-Propargylanilines. <i>Molecules</i> , 2021, 26, 3366.	1.7	5
31	One-pot synthesis of dihydroquinolones by sequential reactions of <i>ortho</i> -aminobenzyl alcohol derivatives with Meldrum's acids. <i>Organic and Biomolecular Chemistry</i> , 2022, , .	1.5	5
32	Preparation of a high-density vinyl silica gel to anchor cysteine via photo-click reaction and its applications in hydrophilic interaction chromatography. <i>Journal of Chromatography A</i> , 2022, 1675, 463173.	1.8	5
33	Raman, X-ray Fluorescence Spectroscopies and Graphene Oxide Modified Screen Printed Electrodes to Identify the Pigments and Earth Present in Ancient Leather Samples. <i>Electroanalysis</i> , 2017, 29, 2873-2881.	1.5	4
34	Static vs. Dynamic Electrostatic Repulsion Reversed Phase Liquid Chromatography: Solutions for Pharmaceutical and Biopharmaceutical Basic Compounds. <i>Separations</i> , 2021, 8, 59.	1.1	4
35	Exploring the Assembly of Resorc[4]arenes for the Construction of Supramolecular Nano-Aggregates. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11785.	1.8	4
36	Hydrolytic inhibition of $\hat{\pm}$ -chymotrypsin by 2,8,14,20-tetrakis(<i>scpd</i> -leucyl- <i>scpd</i> -valinamido)resorc[4]arene-carboxylic acid: a spectroscopic NMR and computational combined approach. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 916-924.	1.5	3

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37	Primary Amine Catalyzed Activation of Carbonyl Compounds: A Study on Reaction Pathways and Reactive Intermediates by Mass Spectrometry. <i>European Journal of Organic Chemistry</i> , 2022, 2022, .	1.2	3
38	Alvaxanthone, a Thymidylate Synthase Inhibitor with Nematocidal and Tumoricidal Activities. <i>Molecules</i> , 2020, 25, 2894.	1.7	2
39	Synergistic antiproliferative and differentiating effect of 2,4-monofurfurylidene-tetra-O-methylsorbitol and 4,6-dimethyl-2-(3,4,5-trimethoxyphenylamino)pyrimidine on primary and immortalized keratinocytes. <i>Biomedicine and Pharmacotherapy</i> , 2018, 107, 155-167.	2.5	1
40	Chemical interactions and ecotoxicity effects between graphene oxide and <i>Lemna gibba</i> . <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2021, 29, 746-753.	1.0	1