

Andrea Calcaterra

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

37
papers

597
citations

13
h-index

23
g-index

42
ext. papers

813
ext. citations

4
avg, IF

4.52
L-index

#	Paper	IF	Citations
37	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	4.5	0
36	Static vs. Dynamic Electrostatic Repulsion Reversed Phase Liquid Chromatography: Solutions for Pharmaceutical and Biopharmaceutical Basic Compounds. <i>Separations</i> , 2021 , 8, 59	3.1	1
35	Design and Synthesis of New Withaferin A Inspired Hedgehog Pathway Inhibitors. <i>Chemistry - A European Journal</i> , 2021 , 27, 8350-8357	4.8	2
34	A unique high-diversity natural product collection as a reservoir of new therapeutic leads. <i>Organic Chemistry Frontiers</i> , 2021 , 8, 996-1025	5.2	6
33	Chemical interactions and ecotoxicity effects between graphene oxide and <i>Lemna gibba</i> . <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2021 , 29, 746-753	1.8	
32	A New Smoothened Antagonist Bearing the Purine Scaffold Shows Antitumour Activity In Vitro and In Vivo. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
31	A novel colistin adjuvant identified by virtual screening for ArnT inhibitors. <i>Journal of Antimicrobial Chemotherapy</i> , 2020 , 75, 2564-2572	5.1	11
30	Alvaxanthone, a Thymidylate Synthase Inhibitor with Nematocidal and Tumoricidal Activities. <i>Molecules</i> , 2020 , 25,	4.8	1
29	The Pictet-Spengler Reaction Updates Its Habits. <i>Molecules</i> , 2020 , 25,	4.8	29
28	-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	4.2	7
27	Naturally-Occurring Alkaloids of Plant Origin as Potential Antimicrobials against Antibiotic-Resistant Infections. <i>Molecules</i> , 2020 , 25,	4.8	16
26	Antifungal activity of Mongolian medicinal plant extracts. <i>Natural Product Research</i> , 2020 , 34, 449-455	2.3	8
25	Nigritanine as a New Potential Antimicrobial Alkaloid for the Treatment of -Induced Infections. <i>Toxins</i> , 2019 , 11,	4.9	23
24	Functionalized Graphene Derivatives: Antibacterial Properties and Cytotoxicity. <i>Journal of Nanomaterials</i> , 2019 , 2019, 1-14	3.2	20
23	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	5.6	31
22	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	3.5	194
21	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,	6.3	12

20	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	7.5	1
19	Smart Portable Devices Suitable for Cultural Heritage: A Review. <i>Sensors</i> , 2018 , 18,	3.8	8
18	Naturally occurring Diels-Alder-type adducts from <i>Morus nigra</i> as potent inhibitors of Mycobacterium tuberculosis protein tyrosine phosphatase B. <i>European Journal of Medicinal Chemistry</i> , 2018 , 144, 277-288	6.8	17
17	Natural Product Kuwanon-L Inhibits HIV-1 Replication through Multiple Target Binding. <i>ChemBioChem</i> , 2017 , 18, 374-377	3.8	15
16	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	3	3
15	Fullerene Black Modified Screen Printed Electrodes for the Quantification of Acetaminophen and Guanine. <i>Electroanalysis</i> , 2017 , 29, 2863-2872	3	10
14	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, 2372789	2	6
13	Covalently assembled resorcin[4]arenes and molecular tweezers: a chiral recognition rationale by NMR. <i>Supramolecular Chemistry</i> , 2016 , 28, 647-655	1.8	6
12	One Hundred Faces of Cyclopamine. <i>Current Pharmaceutical Design</i> , 2016 , 22, 1658-81	3.3	17
11	A Novel Enzymatic Strategy for the Synthesis of Substituted Tetrahydroisoquinolines. <i>ChemistrySelect</i> , 2016 , 1, 1525-1528	1.8	18
10	Total Synthesis of (±)-Kuwanol E. <i>Journal of Natural Products</i> , 2016 , 79, 2495-2503	4.9	11
9	Hydrolytic inhibition of β -chymotrypsin by 2,8,14,20-tetrakis(D-leucyl-D-valinamido)resorc[4]arenecarboxylic acid: a spectroscopic NMR and computational combined approach. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 916-24	3.9	2
8	Kuwanon-L as a New Allosteric HIV-1 Integrase Inhibitor: Molecular Modeling and Biological Evaluation. <i>ChemBioChem</i> , 2015 , 16, 2507-12	3.8	25
7	Ultraviolet and infrared spectroscopy of neutral and ionic non-covalent diastereomeric complexes in the gas phase. <i>Rendiconti Lincei</i> , 2013 , 24, 259-267	1.7	5
6	Stereochemical preference of 2-Deoxycytidine for chiral bis(diamido)-bridged basket resorcin[4]arenes. <i>Chirality</i> , 2013 , 25, 840-51	2.1	5
5	Production of Bioactives Compounds: The Importance of Pictet-Spengler Reaction in the XXI Century 2012 , 453-487		3
4	Chirality effects on the IRMPD spectra of basket resorcinarene/nucleoside complexes. <i>Chemistry - A European Journal</i> , 2012 , 18, 8320-8	4.8	27
3	Antioxidant properties of aminoethylcysteine ketimine decarboxylated dimer: a review. <i>International Journal of Molecular Sciences</i> , 2011 , 12, 3072-84	6.3	10

- 2 Phenolic compounds as likely natural mediators of laccase: A mechanistic assessment. *Journal of Molecular Catalysis B: Enzymatic*, **2008**, 51, 118-120 40
- 1 Calixarene: a versatile scaffold for the development of highly sensitive biosensors. *Supramolecular Chemistry*, 1-25 1.8 1