

# Erika Del Grosso

## List of Publications by Year in descending order

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38  
papers

1,120  
citations

623734

14  
h-index

395702

33  
g-index

38  
all docs

38  
docs citations

38  
times ranked

1929  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, equilibrium, and biological study of a C-7 glucose boronic acid derivative as a potential candidate for boron neutron capture therapy. <i>Bioorganic and Medicinal Chemistry</i> , 2022, 59, 116659.	3.0	5
2	Tritylamine as an Ammonia Surrogate in the Ugi Reaction Provides Access to Unprecedented 5-Sulfamido Oxazoles Using Burgess-type Reagents. <i>Organic Letters</i> , 2021, 23, 3610-3614.	4.6	8
3	Data on metabolic stability, aqueous solubility and CYP inhibition of novel triazole-based nicotinamide phosphoribosyltransferase (NAMPT) inhibitors. <i>Data in Brief</i> , 2020, 28, 105034.	1.0	4
4	Discovery of Highly Potent Benzimidazole Derivatives as Indoleamine 2,3-Dioxygenase-1 (IDO1) Inhibitors: From Structure-Based Virtual Screening to <i>in Vivo</i> Pharmacodynamic Activity. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 3047-3065.	6.4	40
5	A nicotinamide phosphoribosyltransferase-GAPDH interaction sustains the stress-induced NMN/NAD <sup>+</sup> salvage pathway in the nucleus. <i>Journal of Biological Chemistry</i> , 2020, 295, 3635-3651.	3.4	21
6	Anomeric sugar boronic acid analogues as potential agents for boron neutron capture therapy. <i>Beilstein Journal of Organic Chemistry</i> , 2019, 15, 1355-1359.	2.2	13
7	Exploiting the Nucleophilicity of the Nitrogen Atom of Imidazoles: One-Pot Three-Component Synthesis of Imidazo-Pyrazines. <i>Molecules</i> , 2019, 24, 1959.	3.8	3
8	Study of <i>Anopheles gambiae</i> 3-hydroxykynurenine transaminase activity and inhibition by LC-MS/MS method. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 173, 154-161.	2.8	6
9	Aryl Azides as Forgotten Electrophiles in the Van Leusen Reaction: A Multicomponent Transformation Affording 4-Tosyl-1-arylimidazoles. <i>Journal of Organic Chemistry</i> , 2019, 84, 16299-16307.	3.2	14
10	Troloxerutin, a mixture of O-hydroxyethyl derivatives of the natural flavonoid rutin: Chemical stability and analytical aspects. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 150, 248-257.	2.8	13
11	New insights in the metabolism of oxybutynin: evidence of N-oxidation of propargylamine moiety and rearrangement to enamino-ketone. <i>Xenobiotica</i> , 2018, 48, 478-487.	1.1	4
12	Identification of Novel Triazole-Based Nicotinamide Phosphoribosyltransferase (NAMPT) Inhibitors Endowed with Antiproliferative and Antiinflammatory Activity. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 1768-1792.	6.4	49
13	Synthesis and Degradation of Adenosine 5'-Tetraphosphate by Nicotinamide and Nicotinate Phosphoribosyltransferases. <i>Cell Chemical Biology</i> , 2017, 24, 553-564.e4.	5.2	17
14	Proneurogenic Effects of Trazodone in Murine and Human Neural Progenitor Cells. <i>ACS Chemical Neuroscience</i> , 2017, 8, 2027-2038.	3.5	9
15	Synthesis of Sugar-Boronic Acid Derivatives: A Class of Potential Agents for Boron Neutron Capture Therapy. <i>Organic Letters</i> , 2017, 19, 1678-1681.	4.6	16
16	Semicarbazide Hydrochloride as Impurity in Drug Substances: a Validated LC-DAD-UV Method for Its Determination in Carbazochrome and Carbazochrome Sodium Sulfonate. <i>Chromatographia</i> , 2017, 80, 1535-1544.	1.3	0
17	One-pot ethyl chloroformate derivatization and liquid-liquid extraction of reduced glutathione in erythrocyte and its quantitative GC-MS analysis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1070, 15-22.	2.3	7
18	Development and validation of a stability-indicating HPLC-UV method for the determination of Thiocolchicoside and its degradation products. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 132, 66-71.	2.8	7

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19	New insights in oxybutynin chemical stability: Identification in transdermal patches of a new impurity arising from oxybutynin N-oxide rearrangement. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 84, 123-131.	4.0	3
20	Solution-Phase Parallel Synthesis of Aryloxyimino Amides via a Novel Multicomponent Reaction among Aromatic (<i>Z</i>)-Chlorooximes, Isocyanides, and Electron-Deficient Phenols. <i>ACS Combinatorial Science</i> , 2014, 16, 602-605.	3.8	9
21	Are 1,4- and 1,5-Disubstituted 1,2,3-Triazoles Good Pharmacophoric Groups?. <i>ChemMedChem</i> , 2014, 9, 2497-2508.	3.2	118
22	Metabolic fate of combretastatin A-1: LC-DAD-MS/MS investigation and biological evaluation of its reactive metabolites. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 78-79, 233-242.	2.8	8
23	<i>In vitro</i> metabolic fate of alizapride: evidence for the formation of reactive metabolites based on liquid chromatography-tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2012, 47, 737-750.	1.6	2
24	Forced degradation study of thiocolchicoside: Characterization of its degradation products. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 61, 215-223.	2.8	9
25	The Metabolic Fate of <i>iso</i>Combretastatin A-4 in Human Liver Microsomes: Identification, Synthesis and Biological Evaluation of Metabolites. <i>ChemMedChem</i> , 2011, 6, 1781-1788.	3.2	15
26	<i>In vitro</i> metabolism study of 2-isopropyl-9<i>H</i>-thioxanthen-9-one (2-ITX) in rat and human: evidence for the formation of an epoxide metabolite. <i>Xenobiotica</i> , 2011, 41, 212-225.	1.1	13
27	Identification of the Human UDP-Glucuronosyltransferases Involved in the Glucuronidation of Combretastatin A-4. <i>Drug Metabolism and Disposition</i> , 2010, 38, 1141-1146.	3.3	33
28	In vitro and in vivo phase II metabolism of combretastatin A-4: Evidence for the formation of a sulphate conjugate metabolite. <i>Xenobiotica</i> , 2009, 39, 148-161.	1.1	14
29	Roasting impact on the contents of clovamide (N-caffeoyl-L-DOPA) and the antioxidant activity of cocoa beans ( <i>Theobroma cacao</i> L.). <i>Food Chemistry</i> , 2008, 106, 967-975.	8.2	99
30	Solution-Phase Parallel Synthesis and Biological Evaluation of Combretatriazoles. <i>ACS Combinatorial Science</i> , 2008, 10, 732-740.	3.3	47
31	In Vitro Metabolism Study of Combretastatin A-4 in Rat and Human Liver Microsomes. <i>Drug Metabolism and Disposition</i> , 2007, 35, 2252-2261.	3.3	96
32	Rapid Synthesis of Triazole-Modified Resveratrol Analogues via Click Chemistry. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 467-470.	6.4	194
33	Simultaneous, stability indicating, HPLC-DAD determination of guaifenesin and methyl and propyl-parabens in cough syrup. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006, 41, 798-803.	2.8	55
34	LC-ESI-MS/MS characterization of strophanthin-K. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2005, 38, 79-86.	2.8	12
35	The Furoxan System: Design of Selective Nitric Oxide (NO) Donor Inhibitors of COX-2 Endowed with Anti-Aggregatory and Vasodilating Activities. <i>Chemistry and Biodiversity</i> , 2005, 2, 886-900.	2.1	32
36	Polycyclic compounds from aminopolyols and $\alpha$ -dicarbonyls: structure and application in the synthesis of exoditopic ligands. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 1489-1494.	2.8	10

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37	Synthesis and Cytotoxic Evaluation of Combretafurazans. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 3260-3268.	6.4	108
38	Synthesis and Evaluation of 14-Nor-A-secotaxoids. <i>European Journal of Organic Chemistry</i> , 2002, 2002, 277-283.	2.4	7