# 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 | Rapid Synthesis of Triazole-Modified Resveratrol Analogues via Click Chemistry. Journal of Medicinal Chemistry, 2006, 49, 467-470. | 6.4 | 194 |
| 2 | Are 1,4â€•and 1,5â€Disubstituted 1,2,3â€Triazoles Good Pharmacophoric Groups?. ChemMedChem, 2014, 9, 2497-2508. | 3.2 | 118 |
| 3 | Synthesis and Cytotoxic Evaluation of Combretafurazans. Journal of Medicinal Chemistry, 2005, 48, 3260-3268. | 6.4 | 108 |
| 4 | Roasting impact on the contents of clovamide (N-caffeoyl-L-DOPA) and the antioxidant activity of cocoa beans (Theobroma cacao L.). Food Chemistry, 2008, 106, 967-975. | 8.2 | 99 |
| 5 | In Vitro Metabolism Study of Combretastatin A-4 in Rat and Human Liver Microsomes. Drug Metabolism and Disposition, 2007, 35, 2252-2261. | 3.3 | 96 |
| 6 | Simultaneous, stability indicating, HPLC-DAD determination of guaifenesin and methyl and propyl-parabens in cough syrup. Journal of Pharmaceutical and Biomedical Analysis, 2006, 41, 798-803. | 2.8 | 55 |
| 7 | Identification of Novel Triazole-Based Nicotinamide Phosphoribosyltransferase (NAMPT) Inhibitors Endowed with Antiproliferative and Antiinflammatory Activity. Journal of Medicinal Chemistry, 2017, 60, 1768-1792. | 6.4 | 49 |
| 8 | Solution-Phase Parallel Synthesis and Biological Evaluation of Combretatriazoles. ACS Combinatorial Science, 2008, 10, 732-740. | 3.3 | 47 |
| 9 | Discovery of Highly Potent Benzimidazole Derivatives as Indoleamine 2,3-Dioxygenase-1 (IDO1) Inhibitors: From Structure-Based Virtual Screening to in Vivo Pharmacodynamic Activity. Journal of Medicinal Chemistry, 2020, 63, 3047-3065. | 6.4 | 40 |
| 10 | Identification of the Human UDP-Glucuronosyltransferases Involved in the Glucuronidation of Combretastatin A-4. Drug Metabolism and Disposition, 2010, 38, 1141-1146. | 3.3 | 33 |
| 11 | The Furoxan System: Design of Selective Nitric Oxide (NO) Donor Inhibitors of COX-2 Endowed with Anti-Aggregatory and Vasodilating Activities. Chemistry and Biodiversity, 2005, 2, 886-900. | 2.1 | 32 |
| 12 | A nicotinamide phosphoribosyltransferaseâ€“GAPDH interaction sustains the stress-induced NMN/NAD+ salvage pathway in the nucleus. Journal of Biological Chemistry, 2020, 295, 3635-3651. | 3.4 | 21 |
| 13 | Synthesis and Degradation of Adenosine 5â€²-Tetraphosphate by Nicotinamide and Nicotinate Phosphoribosyltransferases. Cell Chemical Biology, 2017, 24, 553-564.e4. | 5.2 | 17 |
| 14 | Synthesis of Sugarâ€“Boronic Acid Derivatives: A Class of Potential Agents for Boron Neutron Capture Therapy. Organic Letters, 2017, 19, 1678-1681. | 4.6 | 16 |
| 15 | The Metabolic Fate of isoCombretastatin Aâ€4 in Human Liver Microsomes: Identification, Synthesis and Biological Evaluation of Metabolites. ChemMedChem, 2011, 6, 1781-1788. | 3.2 | 15 |
| 16 | In vitroandin vivophase II metabolism of combretastatin A-4: Evidence for the formation of a sulphate conjugate metabolite. Xenobiotica, 2009, 39, 148-161. | 1.1 | 14 |
| 17 | Aryl Azides as Forgotten Electrophiles in the Van Leusen Reaction: A Multicomponent Transformation Affording 4-Tosyl-1-arylimidazoles. Journal of Organic Chemistry, 2019, 84, 16299-16307. | 3.2 | 14 |
| 18 | In vitrometabolism study of 2-isopropyl-9H-thioxanthen-9-one (2-ITX) in rat and human: evidence for the formation of an epoxide metabolite. Xenobiotica, 2011, 41, 212-225. | 1.1 | 13 |

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|---|---|---|---|
| 19 | Troxerutin, a mixture of O -hydroxyethyl derivatives of the natural flavonoid rutin: Chemical stability and analytical aspects. Journal of Pharmaceutical and Biomedical Analysis, 2018, 150, 248-257. | 2.8 | 13 |
| 20 | Anomeric sugar boronic acid analogues as potential agents for boron neutron capture therapy. Beilstein Journal of Organic Chemistry, 2019, 15, 1355-1359. | 2.2 | 13 |
| 21 | LCâ€“ESI-MS/MS characterization of strophanthin-K. Journal of Pharmaceutical and Biomedical Analysis, 2005, 38, 79-86. | 2.8 | 12 |
| 22 | Polycyclic compounds from aminopolyols and Î±-dicarbonyls: structure and application in the synthesis of exoditopic ligands. Organic and Biomolecular Chemistry, 2005, 3, 1489-1494. | 2.8 | 10 |
| 23 | Forced degradation study of thiocolchicoside: Characterization of its degradation products. Journal of Pharmaceutical and Biomedical Analysis, 2012, 61, 215-223. | 2.8 | 9 |
| 24 | Solution-Phase Parallel Synthesis of Aryloxyimino Amides via a Novel Multicomponent Reaction among Aromatic (Z)-Chlorooximes, Isocyanides, and Electron-Deficient Phenols. ACS Combinatorial Science, 2014, 16, 602-605. | 3.8 | 9 |
| 25 | Proneurogenic Effects of Trazodone in Murine and Human Neural Progenitor Cells. ACS Chemical Neuroscience, 2017, 8, 2027-2038. | 3.5 | 9 |
| 26 | Metabolic fate of combretastatin A-1: LC-DAD-MS/MS investigation and biological evaluation of its reactive metabolites. Journal of Pharmaceutical and Biomedical Analysis, 2013, 78-79, 233-242. | 2.8 | 8 |
| 27 | Tritylamine as an Ammonia Surrogate in the Ugi Reaction Provides Access to Unprecedented 5-Sulfamido Oxazoles Using Burgess-type Reagents. Organic Letters, 2021, 23, 3610-3614. | 4.6 | 8 |
| 28 | Synthesis and Evaluation of 14-Nor-A-secotaxoids. European Journal of Organic Chemistry, 2002, 2002, 277-283. | 2.4 | 7 |
| 29 | â€œOne-potâ€•ethyl chloroformate derivatization and liquid-liquid extraction of reduced glutathione in erythrocyte and its quantitative GCâ€“MS analysis. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1070, 15-22. | 2.3 | 7 |
| 30 | Development and validation of a stability-indicating HPLC-UV method for the determination of Thiocolchicoside and its degradation products. Journal of Pharmaceutical and Biomedical Analysis, 2017, 132, 66-71. | 2.8 | 7 |
| 31 | Study of Anopheles gambiae 3-hydroxykynurenine transaminase activity and inhibition by LC-MS/MS method. Journal of Pharmaceutical and Biomedical Analysis, 2019, 173, 154-161. | 2.8 | 6 |
| 32 | Synthesis, equilibrium, and biological study of a C-7 glucose boronic acid derivative as a potential candidate for boron neutron capture therapy. Bioorganic and Medicinal Chemistry, 2022, 59, 116659. | 3.0 | 5 |
| 33 | New insights in the metabolism of oxybutynin: evidence of N-oxidation of propargylamine moiety and rearrangement to enaminoketone. Xenobiotica, 2018, 48, 478-487. | 1.1 | 4 |
| 34 | Data on metabolic stability, aqueous solubility and CYP inhibition of novel triazole-based nicotinamide phosphoribosyltransferase (NAMPT) inhibitors. Data in Brief, 2020, 28, 105034. | 1.0 | 4 |
| 35 | New insights in oxybutynin chemical stability: Identification in transdermal patches of a new impurity arising from oxybutynin N-oxide rearrangement. European Journal of Pharmaceutical Sciences, 2016, 84, 123-131. | 4.0 | 3 |
| 36 | Exploiting the Nucleophilicity of the Nitrogen Atom of Imidazoles: One-Pot Three-Component Synthesis of Imidazo-Pyrazines. Molecules, 2019, 24, 1959. | 3.8 | 3 |

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|---|---|---|---|
| 37 | In vitro metabolic fate of alizapride: evidence for the formation of reactive metabolites based on liquid chromatographyâ€tandem mass spectrometry. Journal of Mass Spectrometry, 2012, 47, 737-750. | 1.6 | 2 |
| 38 | Semicarbazide Hydrochloride as Impurity in Drug Substances: a Validated LC-DAD-UV Method for Its Determination in Carbazochrome and Carbazochrome Sodium Sulfonate. Chromatographia, 2017, 80, 1535-1544. | 1.3 | 0 |