

Elena Petricci

List of Publications by Year in descending order

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papers

2,311
citations

236612

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all docs

91
docs citations

91
times ranked

3287
citing authors

#	ARTICLE	IF	CITATIONS
1	Antibacterial alkylguanidino ureas: Molecular simplification approach, searching for membrane-based MoA. <i>European Journal of Medicinal Chemistry</i> , 2022, 231, 114158.	2.6	5
2	Survey on the Recent Advances in 4-Hydroxyphenylpyruvate Dioxygenase (HPPD) Inhibition by Diketone and Triketone Derivatives and Congeneric Compounds: Structural Analysis of HPPD/Inhibitor Complexes and Structure-Activity Relationship Considerations. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 6963-6981.	2.4	19
3	Antibody drug conjugates with hydroxamic acid cargos for histone deacetylase (HDAC) inhibition. <i>Chemical Communications</i> , 2021, 57, 867-870.	2.2	7
4	Targeting non-canonical activation of GLI1 by the SOX2-BRD4 transcriptional complex improves the efficacy of HEDGEHOG pathway inhibition in melanoma. <i>Oncogene</i> , 2021, 40, 3799-3814.	2.6	27
5	Micellar Catalysis for Sustainable Hydroformylation. <i>ChemCatChem</i> , 2021, 13, 2794-2806.	1.8	9
6	The Antimalarial Mefloquine Shows Activity against <i>Mycobacterium abscessus</i> , Inhibiting Mycolic Acid Metabolism. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8533.	1.8	4
7	Biomass Waste-Derived Pd-PiNe Catalyst for the Continuous-Flow Copper-Free Sonogashira Reaction in a CPME-Water Azeotropic Mixture. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 12196-12204.	3.2	25
8	A molecular spectroscopy approach for the investigation of early phase ochronotic pigment development in Alkaptonuria. <i>Scientific Reports</i> , 2021, 11, 22562.	1.6	7
9	Novel textile dye obtained through transformation of 2-amino-3-methoxybenzoic acid by free and immobilised laccase from a <i>Pleurotus ostreatus</i> strain. <i>Enzyme and Microbial Technology</i> , 2020, 132, 109398.	1.6	14
10	In water alkylation of amines with alcohols through a borrowing hydrogen process catalysed by ruthenium nanoparticles. <i>Green Chemistry</i> , 2020, 22, 327-331.	4.6	27
11	In Water Markovnikov Hydration and One-Pot Reductive Hydroamination of Terminal Alkynes under Ruthenium Nanoparticle Catalysis. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 1000-1003.	1.0	10
12	Metal Catalysis with Microwaves in Organic Synthesis: a Personal Account. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 4435-4446.	1.2	9
13	Structure and Bioactive Properties of Novel Textile Dyes Synthesised by Fungal Laccase. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2052.	1.8	14
14	Pharmacophore-Based Virtual Screening for Identification of Negative Modulators of GLI1 as Potential Anticancer Agents. <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 832-838.	1.3	16
15	An Effective and Reusable Hyperbranched Polymer Immobilized Rhodium Catalyst for the Hydroformylation of Olefins. <i>ACS Applied Polymer Materials</i> , 2019, 1, 1496-1504.	2.0	23
16	ErbB2 Targeted Epigenetic Modulation: Anti-tumor Efficacy of the ADC Trastuzumab-HDACi ST8176AA1. <i>Frontiers in Oncology</i> , 2019, 9, 1534.	1.3	9
17	Iron-Catalyzed Reductive Amination of Aldehydes in Isopropyl Alcohol/Water Media as Hydrogen Sources. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 2560-2565.	2.1	24
18	Targeted inhibition of Hedgehog-Gli signaling by novel acylguanidine derivatives inhibits melanoma cell growth by inducing replication stress and mitotic catastrophe. <i>Cell Death and Disease</i> , 2018, 9, 142.	2.7	37

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19	Continuous-Flow Palladium-Catalyzed Synthesis of Cyclohexanones from Phenols using Sodium Formate as a Safe Hydrogen Source. <i>ChemCatChem</i> , 2018, 10, 1277-1281.	1.8	29
20	Novel smoothened antagonists as anti-neoplastic agents for the treatment of osteosarcoma. <i>Journal of Cellular Physiology</i> , 2018, 233, 4961-4971.	2.0	17
21	MRE11 inhibition highlights a replication stress-dependent vulnerability of MYCN-driven tumors. <i>Cell Death and Disease</i> , 2018, 9, 895.	2.7	35
22	Antibody drug conjugates (ADCs) charged with HDAC inhibitor for targeted epigenetic modulation. <i>Chemical Science</i> , 2018, 9, 6490-6496.	3.7	20
23	Hedgehog pathway inhibitors of the acylthiourea and acylguanidine class show antitumor activity on colon cancer in <i>Ávitro</i> and in <i>Ávivo</i> . <i>European Journal of Medicinal Chemistry</i> , 2018, 157, 368-379.	2.6	14
24	Targeting Allostery with Avatars to Design Inhibitors Assessed by Cell Activity: Dissecting MRE11 Endo- and Exonuclease Activities. <i>Methods in Enzymology</i> , 2018, 601, 205-241.	0.4	20
25	Avoiding hot-spots in Microwave-assisted Pd/C catalysed reactions by using the biomass derived solvent <i>l</i> ³ -Valerolactone. <i>Scientific Reports</i> , 2018, 8, 10571.	1.6	28
26	4-Hydroxyphenylpyruvate Dioxygenase and Its Inhibition in Plants and Animals: Small Molecules as Herbicides and Agents for the Treatment of Human Inherited Diseases. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 4101-4125.	2.9	89
27	BRCA1 Directs the Repair Pathway to Homologous Recombination by Promoting 53BP1 Dephosphorylation. <i>Cell Reports</i> , 2017, 18, 520-532.	2.9	136
28	Green microwave-assisted procedure to generate bio-based pectin materials. <i>Sustainable Chemistry and Pharmacy</i> , 2017, 5, 127-130.	1.6	5
29	Synthesis and SAR evaluation of novel thioridazine derivatives active against drug-resistant tuberculosis. <i>European Journal of Medicinal Chemistry</i> , 2017, 127, 147-158.	2.6	25
30	Smoothened-antagonists reverse homogenetic acid-induced alterations of Hedgehog signaling and primary cilium length in alkaptonuria. <i>Journal of Cellular Physiology</i> , 2017, 232, 3103-3111.	2.0	18
31	Pd/C Catalysis under Microwave Dielectric Heating. <i>Catalysts</i> , 2017, 7, 89.	1.6	21
32	Novel Acylguanidine Derivatives Targeting Smoothened Induce Antiproliferative and Pro-Apoptotic Effects in Chronic Myeloid Leukemia Cells. <i>PLoS ONE</i> , 2016, 11, e0149919.	1.1	8
33	Hedgehog associated to microparticles inhibits adipocyte differentiation via a non-canonical pathway. <i>Scientific Reports</i> , 2016, 6, 23479.	1.6	27
34	Design, synthesis and biological characterization of a new class of osteogenic (1H)-quinolone derivatives. <i>European Journal of Medicinal Chemistry</i> , 2016, 121, 747-757.	2.6	10
35	Ruthenium-catalysed C-alkylation of 1,3-dicarbonyl compounds with primary alcohols and synthesis of 3-keto-quinolines. <i>RSC Advances</i> , 2016, 6, 31386-31390.	1.7	16
36	Design and Synthesis of 1-((1,5-Bis(4-chlorophenyl)-2-methyl-1H-pyrrol-3-yl)methyl)-4-methylpiperazine (BM212) and N-Adamantan-2-yl-N- ϵ -((E)-3,7-dimethylocta-2,6-dienyl)ethane-1,2-diamine (SQ109) Pyrrole Hybrid Derivatives: Discovery of Potent Antitubercular Agents Effective against Multidrug-Resistant Mycobacteria. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 2780-2793.	2.9	51

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37	Evaluation of WO2014207069 A1: Multitarget Hedgehog pathway inhibitors and uses thereof. Expert Opinion on Therapeutic Patents, 2016, 26, 529-535.	2.4	4
38	Microwave Assisted Hydrogenation of Pyridinecarboxylates: a Convenient Access to Valuable Scaffolds for Diversity Oriented Synthesis. Current Microwave Chemistry, 2016, 3, 131-138.	0.2	1
39	MRT ϵ 2 inhibits Hedgehog signaling by blocking overlapping binding sites in the transmembrane domain of the Smoothed receptor. FASEB Journal, 2015, 29, 1817-1829.	0.2	48
40	A highly stereo-controlled protocol to prepare pipercolic acids based on Heck and cyclohydrocarbonylation reactions. Organic Chemistry Frontiers, 2015, 2, 526-530.	2.3	7
41	Domino Hydrogenation ϵ Reductive Amination of Phenols, a Simple Process To Access Substituted Cyclohexylamines. Organic Letters, 2015, 17, 3990-3993.	2.4	56
42	Synthesis of 1,2,3-Substituted Pyrroles from Propargylamines via a One-Pot Tandem Enyne Cross Metathesis ϵ Cyclization Reaction. Journal of Organic Chemistry, 2015, 80, 5287-5295.	1.7	42
43	Structure ϵ Activity Relationships and Mechanism of Action of Small Molecule Smoothed Modulators Discovered by High-Throughput Screening and Rational Design. Topics in Medicinal Chemistry, 2014, , 43-107.	0.4	5
44	DNA Double-Strand Break Repair Pathway Choice Is Directed by Distinct MRE11 Nuclease Activities. Molecular Cell, 2014, 53, 7-18.	4.5	466
45	DNA Double-Strand Break Repair Pathway Choice Is Directed by Distinct MRE11 Nuclease Activities. Molecular Cell, 2014, 53, 361.	4.5	7
46	Domino Reactions Triggered by Hydroformylation. Topics in Current Chemistry, 2013, 342, 117-149.	4.0	15
47	Discovery, Molecular and Pharmacological Characterization of GSA-10, a Novel Small-Molecule Positive Modulator of Smoothed. Molecular Pharmacology, 2013, 83, 1020-1029.	1.0	32
48	A General Approach to Substituted Benzimidazoles and Benzoxazoles <i>via</i> Heterogeneous Palladium ϵ Catalyzed Hydrogen ϵ Transfer with Primary Amines. Advanced Synthesis and Catalysis, 2012, 354, 2453-2464.	2.1	41
49	Microwave ϵ Assisted Aminocarbonylation of Ynamides by Using Catalytic [Fe ₃ (CO) ₁₂] at Low Pressures of Carbon Monoxide. Chemistry - A European Journal, 2011, 17, 4523-4528.	1.7	46
50	Microwave-Assisted Domino Hydroformylation/Cyclization Reactions: Scope and Limitations. Synthesis, 2010, 2010, 2901-2914.	1.2	11
51	Microwave-Assisted Carbonylation and Cyclocarbonylation of Aryl Iodides under Ligand Free Heterogeneous Catalysis. Journal of Organic Chemistry, 2010, 75, 1841-1847.	1.7	125
52	Microwave-Assisted Aminocarbonylation of Aryl Bromides at Low Carbon Monoxide Pressure. Synlett, 2009, 2009, 47-50.	1.0	6
53	Continuous Flow Hydrogenation of Functionalized Pyridines. European Journal of Organic Chemistry, 2009, 2009, 1327-1334.	1.2	75
54	An improved synthesis of β , γ -unsaturated nitrones relevant to the stephacidins and analogs thereof. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 3808-3810.	1.0	8

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55	Microwave-Assisted Intramolecular Huisgen Cycloaddition of Azido Alkynes Derived from α -Amino Acids. <i>Journal of Organic Chemistry</i> , 2009, 74, 1314-1321.	1.7	33
56	A Multidisciplinary Approach for the Identification of Novel HIV-1 Nucleoside Reverse Transcriptase Inhibitors: S-DABOCs and DAVPs. <i>ChemMedChem</i> , 2008, 3, 573-593.	1.6	37
57	Stereoselective Synthesis of N1-6-Methyluridine and Related 2-Substituted Analogues. <i>Heterocycles</i> , 2007, 72, 79.	0.4	3
58	Microwave assisted hydroaminomethylation of alkenes. <i>Tetrahedron Letters</i> , 2007, 48, 8501-8504.	0.7	32
59	Synthesis and biological evaluation of 4-alkylamino-6-(2-hydroxyethyl)-2-methylthiopyrimidines as new rubella virus inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2007, 42, 256-262.	2.6	11
60	Microwaves Make Hydroformylation a Rapid and Easy Process. <i>Organic Letters</i> , 2006, 8, 3725-3727.	2.4	64
61	Solution-phase parallel synthesis of S-DABO analogues. <i>Tetrahedron Letters</i> , 2006, 47, 65-67.	0.7	11
62	Towards new methodologies for the synthesis of biologically interesting 6-substituted pyrimidines and 4(3H)-pyrimidinones. <i>Arkivoc</i> , 2006, 2006, 452-478.	0.3	25
63	Synthesis of reactive cytidine derivatives as building blocks for cross-linking oligonucleotides. <i>Tetrahedron Letters</i> , 2005, 46, 4361-4364.	0.7	2
64	Parallel Solution-Phase Synthesis of 4-Dialkylamino-2-methylsulfonyl-6-vinylpyrimidines.. <i>ChemInform</i> , 2005, 36, no.	0.1	0
65	Combinatorial Chemistry as a Tool for Targeting Different Stages of the Replicative HIV-1 Cycle. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2005, 8, 387-401.	0.6	3
66	Parallel Solution-Phase Synthesis of 4-Dialkylamino-2-methylsulfonyl-6-vinylpyrimidines. <i>ACS Combinatorial Science</i> , 2005, 7, 117-122.	3.3	27
67	Parallel Solution-Phase and Microwave-Assisted Synthesis of New S-DABO Derivatives Endowed with Subnanomolar Anti-HIV-1 Activity. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 8000-8008.	2.9	45
68	Microwave-Enhanced Sonogashira Coupling Reaction of Substituted Pyrimidinones and Pyrimidine Nucleosides.. <i>ChemInform</i> , 2004, 35, no.	0.1	0
69	Synthesis of d- and l-2,3-trans-3,4-cis-4,5-trans-3,4-Dihydroxy-5-hydroxymethylproline and Tripeptides Containing Them. <i>Journal of Organic Chemistry</i> , 2004, 69, 4487-4491.	1.7	23
70	Microwave-Assisted Acylation of Amines, Alcohols, and Phenols by the Use of Solid-Supported Reagents (SSRs). <i>Journal of Organic Chemistry</i> , 2004, 69, 7880-7887.	1.7	36
71	Microwave-enhanced Sonogashira coupling reaction of substituted pyrimidinones and pyrimidine nucleosides. <i>Tetrahedron Letters</i> , 2003, 44, 9181-9184.	0.7	61
72	Microwave-Assisted C-5 Iodination of Substituted Pyrimidinones and Pyrimidine Nucleosides. <i>Synthesis</i> , 2003, 2003, 1039-1042.	1.2	6

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73	New Solid-supported Reagents (SSRs) for Selective Acylation of Amines. <i>Heterocycles</i> , 2002, 56, 369.	0.4	10
74	An improved synthesis of solid-supported reagents (SSRs) for selective acylation of amines by microwave irradiation. <i>Tetrahedron Letters</i> , 2002, 43, 6507-6509.	0.7	22
75	Solid-phase synthesis (SPS) of substituted uracils via Oxone® cleavage methodology. <i>Tetrahedron Letters</i> , 2002, 43, 9667-9670.	0.7	10