Alessio Porta

List of Publications by Year
in descending order

56	1,299	331670 21	377865 34
papers	citations	h-index	g-index

66	66	66	1629
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Oxo-Rhenium-Mediated Allylation of Furanoside Derivatives: A Computational Study on the Mechanism and the Stereoselectivity. Journal of Organic Chemistry, 2022, 87, 9497-9506.	3.2	3
2	Highly Stereoselective Glycosylation Reactions of Furanoside Derivatives via Rhenium (V) Catalysis. Journal of Organic Chemistry, 2021, 86, 7672-7686.	3.2	3
3	Photochemistry of Cannabidiol (CBD) Revised. A Combined Preparative and Spectrometric Investigation. Journal of Natural Products, 2021, 84, 2858-2865.	3.0	18
4	Chemical, Metabolic, and Cellular Characterization of a FtsZ Inhibitor Effective Against Burkholderia cenocepacia. Frontiers in Microbiology, 2020, 11, 562.	3.5	5
5	Direct metaâ€Câ^'H Perfluoroalkenylation of Arenes Enabled by a Cleavable Pyrimidineâ€Based Template. Chemistry - A European Journal, 2019, 25, 10323-10327.	3.3	40
6	Weissâ€Cook Condensations for the Synthesis of Bridged Bithiophene Monomers and Polymers. ChemistrySelect, 2019, 4, 12569-12572.	1.5	5
7	Stereoselective preparation of key intermediates for the synthesis of iso-, neuro- and phyto-prostane family members: inaugural asymmetric synthesis of 17-E2c-dihomo- and 17-F2c-dihomo-isoprostanes. Organic and Biomolecular Chemistry, 2018, 16, 2393-2396.	2.8	1
8	Ene Reaction of Nitrosocarbonyl Mesitylene with the Cinnamyl Alcohol: Metabolic Activity and Apoptosis of the Synthetized 6-Chloropurine N,O-Nucleoside Analogues. ACS Omega, 2018, 3, 7621-7629.	3.5	5
9	Expedient Access to 2â€Benzazepines by Palladiumâ€Catalyzed Câ^'H Activation: Identification of a Unique Hsp90 Inhibitor Scaffold. Chemistry - A European Journal, 2018, 24, 16516-16520.	3.3	11
10	Evaluation of Rice Husk for SPE of Fluoroquinolones from Environmental Waters Followed by UHPLC-HESI-MS/MS. Chromatographia, 2017, 80, 577-583.	1.3	11
11	Alkynyl Nâ€Nosylhydrazones: Easy Decomposition to Alknynl Diazomethanes and Application in Allene Synthesis. Chemistry - A European Journal, 2017, 23, 9009-9013.	3.3	26
12	DHA-derived oxylipins, neuroprostanes and protectins, differentially and dose-dependently modulate the inflammatory response in human macrophages: Putative mechanisms through PPAR activation. Free Radical Biology and Medicine, 2017, 103, 146-154.	2.9	42
13	Incorporating Unbiased, Unactivated Aliphatic Alkenes in Pd(II)-Catalyzed Olefination of Benzyl Phosphonamide. ACS Catalysis, 2017, 7, 7732-7736.	11.2	34
14	Frontispiece: Alkynyl Nâ€Nosylhydrazones: Easy Decomposition to Alknynl Diazomethanes and Application in Allene Synthesis. Chemistry - A European Journal, 2017, 23, .	3.3	0
15	Dual Re^V Catalysis in Oneâ€Pot Consecutive Meyerâ€“Schuster and Dielsâ€“Alder Reactions. European Journal of Organic Chemistry, 2016, 2016, 4900-4906.	2.4	3
16	Fast low-pressurized microwave-assisted extraction of benzotriazole, benzothiazole and benezenesulfonamide compounds from soil samples. Talanta, 2016, 147, 322-327.	5.5	36
17	Competitive Goldâ€Promoted Meyerâ€“Schuster and oxyâ€Cope Rearrangements of 3â€Acyloxyâ€1,5â€enynes: Selective Catalysis for the Synthesis of (+)â€(S)â€Î²â€Ionone and (â^')â€(2S,6â€‰R)â€cisâ€Î²â€Ionone. Chemistry - A European Journal, 2015, 21, 14068-14074.	3.8	10
18	The Importance of the 5-Alkyl Substituent for the Violet Smell of Ionones: Synthesis of Racemic 5-Demethyl-Î±-ionone. Natural Product Communications, 2015, 10, 1934578X1501000.	0.5	0

#	Article	IF	Citations
19	Computational Mechanistic Study of the Juliaâ€“KocieÅ„ski Reaction. Journal of Organic Chemistry, 2015, 80, 3092-3100.	3.2	23
20	General Strategy for the Synthesis of B₁ and L₁ Prostanoids: Synthesis of Phytoprostanes (RS)-9-L₁-PhytoP, (R)-9-L₁-PhytoP, (RS)-16-B₁-PhytoP, and (RS)-16-L₁-PhytoP. Journal of Organic Chemistry, 2015, 80, 1601-1609.	3.2	11
21	Thiophenecarboxamide Derivatives Activated by EthA Kill Mycobacterium tuberculosis by Inhibiting the CTP Synthetase PyrG. Chemistry and Biology, 2015, 22, 917-927.	6.0	72
22	2-Carboxyquinoxalines Kill Mycobacterium tuberculosis through Noncovalent Inhibition of DprE1. ACS Chemical Biology, 2015, 10, 705-714.	3.4	116
23	Enantioselective Divergent Synthesis of (â^')â€cisâ€Î±â€•and (â^')â€cisâ€Î³â€Irone by Using Wilkinsonâ€™s Catalyst. Chemistry - A European Journal, 2015, 21, 791-799.	3.3	8
24	A Divergent Enantioselective Synthesis of 9â€Ł₁â€Phytoprostane and 9â€A₁â€Phytoprostane Methyl Ester. European Journal of Organic Chemistry, 2014, 2014, 2111-2119.	2.4	7
25	A General and Concise Enantioselective Divergent Approach to 13â€Alkylâ€Substituted Ionones. Chemistry and Biodiversity, 2014, 11, 1540-1553.	2.1	1
26	Structures and biological significance of lactarane sesquiterpenes from the European mushroom Russula nobilis. Phytochemistry, 2014, 107, 126-134.	2.9	8
27	First total synthesis of labeled EPA and DHA-derived A-type cyclopentenone isoprostanoids: [D2]-15-A3t-IsoP and [D2]-17-A4t-NeuroP. Tetrahedron, 2014, 70, 1484-1491.	1.9	4
28	A Unified Stereodivergent Strategy for Prostaglandin and Isoprostanoid Synthesis. Journal of Organic Chemistry, 2014, 79, 2632-2639.	3.2	4
29	Biology and chemistry of neuroprostanes. First total synthesis of 17-A4-NeuroP: Validation of a convergent strategy to a number of cyclopentenone neuroprostanes. Chemistry and Physics of Lipids, 2013, 174, 64-74.	3.2	5
30	A Concise and Efficient Total Synthesis of Oleocanthal. European Journal of Organic Chemistry, 2013, 2013, 4332-4336.	2.4	18
31	Stereodivergent Strategy for Neurofuran Synthesis via Palladium-Catalyzed Asymmetric Allylic Cyclization: Total Synthesis of 7-epi-ST-Î”8-10-Neurofuran. Journal of Organic Chemistry, 2013, 78, 5556-5567.	3.2	21
32	Oneâ€Pot Consecutive Reactions Based on the Synthesis of Conjugated Enones by the Reâ€Catalysed Meyerâ€“Schuster Rearrangement. Chemistry - A European Journal, 2012, 18, 11894-11898.	3.3	18
33	Protecting Group Free Synthesis of 6-Substituted Naphthols and Binols. Journal of Organic Chemistry, 2011, 76, 2319-2323.	3.2	10
34	Biomimetic Cyclization of Geraniol Derivatives, a Useful Tool in the Total Synthesis of Bioactive Monocyclic Terpenoids. Natural Product Communications, 2011, 6, 1934578X1100600.	0.5	3
35	The fatty acid oxidation product 15â€A_{3t}â€Isoprostane is a potent inhibitor of NFÎºB transcription and macrophage transformation. Journal of Neurochemistry, 2011, 119, 604-616.	3.9	26
36	Gold-mediated synthesis of Î±-ionone. Tetrahedron Letters, 2011, 52, 1124-1127.	1.4	32

#	Article	IF	Citations
37	The Meyerâ€“Schuster rearrangement: a new synthetic strategy leading to prostaglandins and their drug analogs, Bimatoprost and Latanoprost. Tetrahedron, 2010, 66, 7472-7478.	1.9	37
38	Synthesis and Assignment of Absolute Configuration of the Iridoid 9-Deoxygelsemide. Organic Letters, 2010, 12, 596-599.	4.6	13
39	Improved Synthesis of (E)-12-Nitrooctadec-12-enoic acid, a Potent PPARÎ³ Activator. Development of a â€œBuffer-Freeâ€•Enzymatic Method for Hydrolysis of Methyl Esters. Journal of Organic Chemistry, 2010, 75, 8311-8314.	3.2	19
40	Gold-Catalyzed Meyerâ^'Schuster Rearrangement: Application to the Synthesis of Prostaglandins. Organometallics, 2010, 29, 3665-3668.	2.3	70
41	A Simple and Versatile Reâ€Catalyzed Meyerâ€“Schuster Rearrangement of Propargylic Alcohols to Î±,Î²â€Unsaturated Carbonyl Compounds. Chemistry - A European Journal, 2009, 15, 3940-3944.	3.3	52
42	Enantioselective Synthesis and Olfactory Evaluation of Bicyclic Î±- and Î³-Ionone Derivatives: The 3D Arrangement of Key Molecular Features Relevant to the Violet Odor of Ionones. Journal of Organic Chemistry, 2009, 74, 7100-7110.	3.2	20
43	Enantioselective Synthesis and Olfactory Evaluation of 13â€Alkylâ€Substituted Î±â€Ionones. Chemistry and Biodiversity, 2008, 5, 1045-1057.	2.1	20
44	Electrophilic Cyclopentenone Neuroprostanes Are Anti-inflammatory Mediators Formed from the Peroxidation of the Ï‰-3 Polyunsaturated Fatty Acid Docosahexaenoic Acid. Journal of Biological Chemistry, 2008, 283, 19927-19935.	3.4	122
45	Asymmetric Synthesis of 14-A4t-Neuroprostane:â€‰ Hunting for a Suitable Biomarker for Neurodegenerative Diseases. Journal of Organic Chemistry, 2007, 72, 9698-9703.	3.2	26
46	Enantioselective synthesis of preclavulone A and its methyl ester. Tetrahedron, 2007, 63, 3989-3994.	1.9	10
47	Antiinflammatory effects of the cyclopentenone isoprostane 15-A2-IsoP in human gestational tissues. Free Radical Biology and Medicine, 2007, 42, 1791-1796.	2.9	19
48	Asymmetric Synthesis of a Chiral Building Block for Cyclopentanoids:Â A Novel Enantioselective Synthesis of Preclavulone A. Journal of Organic Chemistry, 2006, 71, 8459-8466.	3.2	17
49	Biomimetic Cyclizations of Functionalized Isoprenoid Polyenes: A Cornucopia of Synthetic Opportunities. Current Organic Chemistry, 2006, 10, 2259-2282.	1.6	23
50	Identification of the Major Urinary Metabolite of the Highly Reactive Cyclopentenone Isoprostane 15-A2t-Isoprostane in Vivo. Journal of Biological Chemistry, 2005, 280, 25178-25184.	3.4	20
51	A General Enantioselective Approach to Jasmonoid Fragrances:Â Synthesis of (+)-(1R,2S)-Methyl Dihydrojasmonate and (+)-(1R,2S)-Magnolione. Journal of Organic Chemistry, 2005, 70, 4876-4878.	3.2	15
52	The Cyclopentenone Product of Lipid Peroxidation, 15-A2t-Isoprostane, Is Efficiently Metabolized by HepG2 Cells via Conjugation with Glutathione. Chemical Research in Toxicology, 2004, 17, 17-25.	3.3	40
53	First Enantioselective Total Synthesis of (8S,12R,15S)-Prostaglandin J2. Journal of Organic Chemistry, 2003, 68, 6437-6439.	3.2	22
54	First Total Synthesis of J2Isoprostane. Journal of Organic Chemistry, 2003, 68, 6005-6010.	3.2	29

#	Article	IF	Citations
55	First Total Synthesis of A2Isoprostane. Journal of Organic Chemistry, 2002, 67, 4346-4351.	3.2	52
56	1,2-Oxopalladation versus Ï€-Allyl Palladium Route. A Regioconvergent Approach to a Key Intermediate for Cyclopentanoids Synthesis. New Insights into the Pd(II)-Catalyzed Lactonization Reactionâ€. Journal of Organic Chemistry, 2002, 67, 6064-6069.	3.2	33