

Armen Panossian

List of Publications by Year in descending order

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citations

394421

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docs citations

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times ranked

1847
citing authors

#	ARTICLE	IF	CITATIONS
1	SO ₂ -Mediated <i>N</i> -Alkylation of Imino-Thiazolidinones. Journal of Organic Chemistry, 2022, 87, 2012-2021.	3.2	4
2	Study of Carbamoyl Fluoride: Synthesis, Properties and Applications. Chemistry - A European Journal, 2022, 28, .	3.3	11
3	Cover Feature: Study of Carbamoyl Fluoride: Synthesis, Properties and Applications (Chem. Eur. J.) Tj ETQq1 1 0.784314 rgBT ₁ /Overloc	3.3	11
4	Electrophilic fluorosulfoxonium cations as hidden Brønsted acid catalysts in (n + 2) annulations of strained cycloalkanes. Organic Chemistry Frontiers, 2021, 8, 5289-5295.	4.5	10
5	CF ₃ -substituted carbocations: underexploited intermediates with great potential in modern synthetic chemistry. Beilstein Journal of Organic Chemistry, 2021, 17, 343-378.	2.2	12
6	The Winding Road towards an Atropo-enantioselective α -ARYNE Coupling™. European Journal of Organic Chemistry, 2021, 2021, 1971-1978.	2.4	4
7	Direct Trifluoromethoxylation without OCF ₃ -Carrier through In Situ Generation of Fluorophosgene. European Journal of Organic Chemistry, 2021, 2021, 3139-3147.	2.4	7
8	Synthesis of 3-Amino-5-fluoroalkylfurans by Intramolecular Cyclization. Organic Letters, 2021, 23, 4915-4919.	4.6	9
9	Aryl Fluoroalkyl Sulfoxides: Optical Stability and ρ -K _a Measurement. European Journal of Organic Chemistry, 2021, 2021, 5019-5026.	2.4	5
10	Study of a Stable α -Trifluoromethoxide Anion Solution Arising from 2,4-Dinitro- α -Trifluoromethoxybenzene. Chemistry - A European Journal, 2021, 27, 15986-15991.	3.3	10
11	Recent synthetic methods towards the α -OCHF ₂ moiety. Tetrahedron, 2021, 99, 132458.	1.9	9
12	Formation of synthetically relevant CF ₃ -substituted phenonium ions in superacid media. RSC Advances, 2021, 11, 25695-25699.	3.6	2
13	Deprotonative Functionalization of the Difluoromethyl Group. Organic Letters, 2020, 22, 8741-8745.	4.6	20
14	Synthesis and Use of Trifluoromethylthiolated Ketenimines. Chemistry - A European Journal, 2020, 26, 14852-14855.	3.3	5
15	Efficient asymmetric synthesis of aryl difluoromethyl sulfoxides and their use to access enantiopure \pm -difluoromethyl alcohols. Tetrahedron, 2019, 75, 3063-3079.	1.9	10
16	Transition-Metal-Free Heterobiaryl Synthesis via Aryne Coupling. European Journal of Organic Chemistry, 2019, 2019, 5275-5284.	2.4	8
17	Transition-Metal-Free Approach for the Direct Arylation of Thiophene: Experimental and Theoretical Investigations towards the (Het)-Aryne Route. European Journal of Organic Chemistry, 2019, 2019, 547-556.	2.4	9
18	2,4-Bis(fluoroalkyl)quinoline-3-carboxylates as Tools for the Development of Potential Agrochemical Ingredients. European Journal of Organic Chemistry, 2018, 2018, 3792-3802.	2.4	20

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19	A physico-chemical investigation of fluorine-enriched quinolines. <i>New Journal of Chemistry</i> , 2018, 42, 10036-10047.	2.8	4
20	Synthesis of Mono- and Bis(fluoroalkyl)pyrimidines from FARs, Fluorinated Acetoacetates, and Malononitrile Provides Easy Access to Novel High-Value Pyrimidine Scaffolds. <i>Chemistry - A European Journal</i> , 2018, 24, 1311-1316.	3.3	13
21	Stereoselectivity Switch in the Trapping of Polar Organometallics with Andersen's Reagent Access to Highly Stereoenriched Transformable Biphenyls. <i>Journal of Organic Chemistry</i> , 2018, 83, 7751-7761.	3.2	10
22	Access towards enantiopure \pm -difluoromethyl alcohols by means of sulfoxides as traceless chiral auxiliaries. <i>Chemical Communications</i> , 2018, 54, 10423-10426.	4.1	21
23	New synthetic access to 3-fluoroalkyl-5-pyrazolecarboxylates and carboxylic acids. <i>Journal of Fluorine Chemistry</i> , 2018, 214, 17-23.	1.7	5
24	Control of axial chirality in absence of transition metals based on arynes. <i>Comptes Rendus Chimie</i> , 2017, 20, 682-692.	0.5	5
25	Fluoroalkyl Amino Reagents for the Introduction of the Fluoro(trifluoromethoxy)methyl Group onto Arenes and Heterocycles. <i>Organic Letters</i> , 2017, 19, 4960-4963.	4.6	28
26	Asymmetric \pm -Sulfonyl- and \pm -Phosphoryl-Oxylation of Ketones by a Chiral Hypervalent Iodine(III). <i>Journal of Organic Chemistry</i> , 2017, 82, 11877-11883.	3.2	41
27	Tri- and difluoromethoxylated N-based heterocycles \sim Synthesis and insecticidal activity of novel F ₃ CO- and F ₂ HCO-analogues of Imidacloprid and Thiacloprid. <i>Journal of Fluorine Chemistry</i> , 2017, 203, 155-165.	1.7	19
28	Transition-Metal-Free Synthesis of a Known Intermediate in the Formal Synthesis of (â€“)â€“Steganacin. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 497-503.	2.4	7
29	Fluoroalkyl Amino Reagents (FARs): A General Approach towards the Synthesis of Heterocyclic Compounds Bearing Emergent Fluorinated Substituents. <i>Molecules</i> , 2017, 22, 977.	3.8	16
30	When Chirality Meets α -Buchwald-Type Phosphines: Synthesis and Evaluation in Frustrated Lewis Pair, Lewis Base- and Palladium-Promoted Asymmetric Catalysis. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 4545-4553.	2.4	19
31	A new approach toward the synthesis of 2,4-bis(fluoroalkyl)-substituted quinoline derivatives using fluoroalkyl amino reagent chemistry. <i>Organic Chemistry Frontiers</i> , 2016, 3, 1392-1415.	4.5	20
32	A Major Advance in the Synthesis of Fluoroalkyl Pyrazoles: Tuneable Regioselectivity and Broad Substitution Patterns. <i>Chemistry - A European Journal</i> , 2016, 22, 11239-11244.	3.3	37
33	Access to Atropisomerically Enriched Biaryls by the Coupling of Aryllithiums with Arynes under Control by Homochiral Oxazolines. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 725-732.	2.4	13
34	Lithium/Element Exchange as an Efficient Tool for Accessing Atropo-enriched Biaryls via Arynes. <i>Chimia</i> , 2016, 70, 43.	0.6	6
35	Atropo-diastereoselective coupling of aryllithiums and arynes \sim variations around the chiral auxiliary. <i>Tetrahedron</i> , 2016, 72, 5208-5220.	1.9	16
36	Modular Synthesis of Biaryl-Substituted Phosphine Ligands: Application in Microwave-Assisted Palladium-Catalyzed C \sim N Cross-Coupling Reactions. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 6515-6525.	2.4	20

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37	Atroposelective synthesis of axially chiral P,S-ligands based on arynes. <i>Organic Chemistry Frontiers</i> , 2015, 2, 634-644.	4.5	43
38	Multi-nuclear NMR of axially chiral biaryls in polypeptide orienting solvents: spectral discriminations and enantiorecognition mechanisms. <i>New Journal of Chemistry</i> , 2015, 39, 9504-9517.	2.8	25
39	In Situ Generated Fluorinated Iminium Salts for Difluoromethylation and Difluoroacetylation. <i>Organic Letters</i> , 2015, 17, 4510-4513.	4.6	39
40	An unexpected pentacarbonyl chromium complexation of a cyano group of the ABC core of cephalotaxine. <i>Journal of Organometallic Chemistry</i> , 2015, 776, 35-42.	1.8	3
41	A Concise Atroposelective Formal Synthesis of (â€“)â€“Steganone. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 6285-6294.	2.4	26
42	Novel C1-symmetric dibenzophosphole ligands: application in hydroformylation reactions. <i>Tetrahedron</i> , 2014, 70, 1431-1436.	1.9	21
43	Trifluoromethyl Ethers and â€“Thioethers as Tools for Medicinal Chemistry and Drug Discovery. <i>Current Topics in Medicinal Chemistry</i> , 2014, 14, 941-951.	2.1	281
44	Recent advances in transition metal-catalyzed Csp²-monofluoro-, difluoro-, perfluoromethylation and trifluoromethylthiolation. <i>Beilstein Journal of Organic Chemistry</i> , 2013, 9, 2476-2536.	2.2	236
45	Stereoselective synthesis of planar chiral 2,2-â€“diarylsubstituted ferrocene derivatives as precursors for new 2-phospha[3]ferrocenophanes. <i>Journal of Organometallic Chemistry</i> , 2012, 716, 187-192.	1.8	15
46	Transitionâ€“Metalâ€“Free Atropoâ€“Selective Synthesis of Biaryl Compounds Based on Arynes. <i>Chemistry - A European Journal</i> , 2012, 18, 14232-14236.	3.3	49
47	Chromium-Templated Benzannulation of (Î⁵-Cyclohexadienyl)Mn(CO)₃-Methoxy-Cr(CO)₅ Carbenes. <i>Organometallics</i> , 2011, 30, 6778-6781.	2.3	8
48	Ferrocenyl-Substituted (Î⁵-Hydroxyalkylcyclohexadienyl)tricarbonylmanganese Complexes: Synthesis, Structural Determinations, and Formation of Carbenium Ions. <i>Organometallics</i> , 2011, 30, 5564-5567.	2.3	5
49	Phosphineâ€“Phosphinite and Phosphineâ€“Phosphite Ligands: Preparation and Applications in Asymmetric Catalysis. <i>Chemical Reviews</i> , 2011, 111, 2119-2176.	47.7	358
50	Expanding the Scope of Enantioselective FerroPHANEâ€“Promoted [3+2] Annulations with Î±,Î²â€“Unsaturated Ketones. <i>Chemistry - A European Journal</i> , 2010, 16, 1033-1045.	3.3	102
51	Highly modular P-OP ligands in asymmetric allylic substitution. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 2281-2288.	1.8	28
52	Synthesis of Chiral 2-â€“Phospha[3]ferrocenophanes and their Behaviour as Organocatalysts in [3+2]â€“Cyclization Reactions. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 1968-1976.	4.3	84
53	Use of Allenylphosphonates as New Substrates for Phosphaneâ€“Catalyzed [3+2] and [4+2] Annulations. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 3826-3833.	2.4	60
54	2-Phospha[3]ferrocenophanes with Planar Chirality: Synthesis and Use in Enantioselective Organocatalytic [3 + 2] Cyclizations. <i>Journal of the American Chemical Society</i> , 2008, 130, 14030-14031.	13.7	258

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55	Stereospecific Synthesis, Structural Characterisation and Resolution of 2-Phospha[3]ferrocenophane Derivatives – a New Chiral Scaffold. European Journal of Inorganic Chemistry, 2007, 2007, 3853-3862.	2.0	14