

# George A Olah

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

1,018  
papers

37,788  
citations

84  
h-index

147  
g-index

1,047  
ext. papers

41,368  
ext. citations

9.8  
avg, IF

7.39  
L-index

#	Paper	IF	Citations
1018	Difference and Significance of Regenerative Versus Renewable Carbon Fuels and Products. <i>Topics in Catalysis</i> , <b>2018</b> , 61, 522-529	2.3	15
1017	Efficient Reversible Hydrogen Carrier System Based on Amine Reforming of Methanol. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 2549-2552	16.4	70
1016	Characterization of Pt supported on commercial fluorinated carbon as cathode catalysts for Polymer Electrolyte Membrane Fuel Cell. <i>International Journal of Hydrogen Energy</i> , <b>2017</b> , 42, 15054-15063	6.7	8
1015	Effect of the thickness of the anode electrode catalyst layers on the performance in direct methanol fuel cells. <i>Journal of Power Sources</i> , <b>2017</b> , 352, 165-173	8.9	28
1014	Selective Late-Stage Hydrodefluorination of Trifluoromethylarenes: A Facile Access to Difluoromethylarenes. <i>European Journal of Organic Chemistry</i> , <b>2017</b> , 2017, 2322-2326	3.2	39
1013	Chemical Formation of Methanol and Hydrocarbon ("Organic") Derivatives from CO and H-Carbon Sources for Subsequent Biological Cell Evolution and Life's Origin. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 566-570	16.4	18
1012	Direct synthesis of 2-/3-(trifluoromethyl)thiochroman-4-ones: Superacid-induced tandem alkylation-cyclic acylation of benzenethiols using 2-/3-(trifluoromethyl)acrylic acid. <i>Journal of Fluorine Chemistry</i> , <b>2017</b> , 196, 63-66	2.1	3
1011	Chemical Aspects of Astrophysically Observed Extraterrestrial Methanol, Hydrocarbon Derivatives, and Ions. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 1717-22	16.4	20
1010	Ab initio/GIAO-CCSD(T) (13)C NMR study of the rearrangement and dynamic aspects of rapidly equilibrating tertiary carbocations, C <sub>6</sub> H <sub>13</sub> (+) and C <sub>7</sub> H <sub>15</sub> (+). <i>Journal of Computational Chemistry</i> , <b>2016</b> , 37, 70-7	3.5	3
1009	Conversion of CO <sub>2</sub> from Air into Methanol Using a Polyamine and a Homogeneous Ruthenium Catalyst. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 778-81	16.4	371
1008	Electrophilic amination of aromatics with sodium azide in BF <sub>3</sub> ·2O. <i>Tetrahedron Letters</i> , <b>2016</b> , 57, 288-291		12
1007	Synthesis of 3-substituted isoindolin-1-ones via a tandem desilylation, cross-coupling, hydroamidation sequence under aqueous phase-transfer conditions. <i>Organic and Biomolecular Chemistry</i> , <b>2016</b> , 14, 85-92	3.9	30
1006	Relevance and Significance of Extraterrestrial Abiological Hydrocarbon Chemistry. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 6905-11	16.4	16
1005	Iridium-Catalyzed Continuous Hydrogen Generation from Formic Acid and Its Subsequent Utilization in a Fuel Cell: Toward a Carbon Neutral Chemical Energy Storage. <i>ACS Catalysis</i> , <b>2016</b> , 6, 7475-7484	12.1	60
1004	CO <sub>2</sub> capture by amines in aqueous media and its subsequent conversion to formate with reusable ruthenium and iron catalysts. <i>Green Chemistry</i> , <b>2016</b> , 18, 5831-5838	10	106
1003	Single Step Bi-reforming and Oxidative Bi-reforming of Methane (Natural Gas) with Steam and Carbon Dioxide to Metgas (CO-2H <sub>2</sub> ) for Methanol Synthesis: Self-Sufficient Effective and Exclusive Oxygenation of Methane to Methanol with Oxygen. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 8720-9	16.4	87
1002	Poly(4-vinylpyridine)-nitrating mixture complex (PVP-NM): solid nitrating mixture equivalent for safe and efficient aromatic nitration. <i>Green Chemistry</i> , <b>2015</b> , 17, 3446-3451	10	10

1001	Direct S-difluoromethylation of thiols using the Ruppert-Prakash reagent. <i>Journal of Fluorine Chemistry</i> , <b>2015</b> , 180, 186-191	2.1	30
1000	Taming of superacids: PVP-triflic acid as an effective solid triflic acid equivalent for Friedel-Crafts hydroxyalkylation and acylation. <i>Journal of Fluorine Chemistry</i> , <b>2015</b> , 171, 102-112	2.1	14
999	Ab Initio/GIAO-CCSD(T) investigation of $^{11}\text{B}$ / $^{13}\text{C}$ NMR chemical shift relationships in trifluoro- and trihydridoborate anions and their isoelectronic neutral alkane derivatives. <i>Journal of Organometallic Chemistry</i> , <b>2015</b> , 798, 229-233	2.3	4
998	Amine-free reversible hydrogen storage in formate salts catalyzed by ruthenium pincer complex without pH control or solvent change. <i>ChemSusChem</i> , <b>2015</b> , 8, 1442-51	8.3	89
997	Applicability of linear polyethylenimine supported on nano-silica for the adsorption of CO <sub>2</sub> from various sources including dry air. <i>RSC Advances</i> , <b>2015</b> , 5, 52550-52562	3.7	49
996	MP2, CCSD(T), and Density Functional Theory Study of the 2-Butyl Cation: New Insight into the Methyl- and Hydrogen-Bridged Structures. <i>Journal of Physical Chemistry A</i> , <b>2015</b> , 119, 5762-9	2.8	6
995	Superelectrophilic Activation of Crotonic/Methacrylic Acids: Direct Access to Thiochroman-4-ones from Benzenethiols by Microwave-Assisted One-Pot Alkylation/Cyclic Acylation. <i>Organic Letters</i> , <b>2015</b> , 17, 6170-3	6.2	19
994	Paul von Ragu-Schleyer (1930-2014). <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 2322-3	16.4	
993	Chiral propargylic cations as intermediates in SN <sub>1</sub> -type reactions: substitution pattern, nuclear magnetic resonance studies, and origin of the diastereoselectivity. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 2851-7	16.4	29
992	ipso-Nitrosation of arylboronic acids with chlorotrimethylsilane and sodium nitrite. <i>Tetrahedron Letters</i> , <b>2014</b> , 55, 1975-1978	2	9
991	Stereoselective synthesis of fluoroalkenoates and fluorinated isoxazolidinones: N-substituents governing the dual reactivity of nitrones. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 831-8	4.8	15
990	N-Difluoromethylation of imidazoles and benzimidazoles using the Ruppert-Prakash reagent under neutral conditions. <i>Organic Letters</i> , <b>2014</b> , 16, 54-7	6.2	59
989	Synthesis of Dihydropyrimidinones/Thiopyrimidinones: Nafion-Ga, an Efficient Green Lewis Acid Catalyst for the Biginelli Reaction. <i>Catalysis Letters</i> , <b>2014</b> , 144, 2012-2020	2.8	24
988	Easily regenerable solid adsorbents based on polyamines for carbon dioxide capture from the air. <i>ChemSusChem</i> , <b>2014</b> , 7, 1386-97	8.3	97
987	CO <sub>2</sub> capture on easily regenerable hybrid adsorbents based on polyamines and mesocellular silica foam. Effect of pore volume of the support and polyamine molecular weight. <i>RSC Advances</i> , <b>2014</b> , 4, 19403-19417	3.7	55
986	Poly(N-vinylpyrrolidone)/H <sub>2</sub> O <sub>2</sub> and poly(4-vinylpyridine)/H <sub>2</sub> O <sub>2</sub> complexes: solid H <sub>2</sub> O <sub>2</sub> equivalents for selective oxidation of sulfides to sulfoxides and ketones to gem-dihydroperoxides. <i>Green Chemistry</i> , <b>2014</b> , 16, 3616	10	29
985	Recycling of carbon dioxide to methanol and derived products - closing the loop. <i>Chemical Society Reviews</i> , <b>2014</b> , 43, 7995-8048	58.5	868
984	Formic Acid As a Hydrogen Storage Medium: Ruthenium-Catalyzed Generation of Hydrogen from Formic Acid in Emulsions. <i>ACS Catalysis</i> , <b>2014</b> , 4, 311-320	13.1	62

983	Electrochemical CO <sub>2</sub> Reduction: Recent Advances and Current Trends. <i>Israel Journal of Chemistry</i> , <b>2014</b> , 54, 1451-1466	3.4	289
982	The trifluoromethyl group as a conformational stabilizer and probe: conformational analysis of cinchona alkaloid scaffolds. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 10418-31	16.4	15
981	Self-sufficient and exclusive oxygenation of methane and its source materials with oxygen to methanol via metgas using oxidative bi-reforming. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 10030-1	16.4	34
980	Bi-reforming of methane from any source with steam and carbon dioxide exclusively to metgas (CO-2H <sub>2</sub> ) for methanol and hydrocarbon synthesis. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 648-50	16.4	179
979	Direct synthesis of diverse fluoroethylamines by a multicomponent protocol. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 3579-83	4.8	17
978	Study of the fluoro- and chlorodimethylbutyl cations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 8427-30	11.5	20
977	Electrochemical reduction of CO <sub>2</sub> over Sn-Nafion <sup>®</sup> coated electrode for a fuel-cell-like device. <i>Journal of Power Sources</i> , <b>2013</b> , 223, 68-73	8.9	141
976	Towards oil independence through renewable methanol chemistry. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 104-7	16.4	429
975	Nucleophilic trifluoromethylation of carbonyl compounds: trifluoroacetaldehyde hydrate as a trifluoromethyl source. <i>Journal of Organic Chemistry</i> , <b>2013</b> , 78, 3300-5	4.2	33
974	Nafion <sup>®</sup> : A New Efficient Green Lewis Acid Catalyst for the Ketonic Strecker Reaction. <i>Catalysis Letters</i> , <b>2013</b> , 143, 303-312	2.8	15
973	Comparative study of alkane dications (protonated alkyl cations, C(n)H(2n+2) <sup>2+</sup> ) and their isoelectronic boron cation analogues. <i>Journal of Organic Chemistry</i> , <b>2013</b> , 78, 1747-52	4.2	2
972	Ab initio/GIAO-CCSD(T) calculated <sup>13</sup> C- <sup>11</sup> B NMR chemical shift relationships in isoelectronic hypercoordinate carbonium and boronium as well as carbenium and borenium ions. <i>Journal of Physical Chemistry A</i> , <b>2013</b> , 117, 4664-8	2.8	3
971	Synthesis of perimidine and 1,5-benzodiazepine derivatives using tamed Brønsted acid, BF <sub>3</sub> ·H <sub>2</sub> O. <i>Journal of Fluorine Chemistry</i> , <b>2013</b> , 152, 99-105	2.1	15
970	The Role of Catalysis in Replacing Oil by Renewable Methanol Using Carbon dioxide Capture and Recycling (CCR). <i>Catalysis Letters</i> , <b>2013</b> , 143, 983-987	2.8	10
969	Thermocontrolled benzylimine-Benzaldimine rearrangement over Nafion-H catalysts for efficient entry into trifluoromethylbenzylamines. <i>Tetrahedron Letters</i> , <b>2012</b> , 53, 607-611	2	9
968	Facile synthesis of monofluoromethyl alcohols: Nucleophilic monofluoromethylation of aldehydes using TMSCF(SO <sub>2</sub> Ph) <sub>2</sub> . <i>Journal of Fluorine Chemistry</i> , <b>2012</b> , 133, 27-32	2.1	15
967	Air as the renewable carbon source of the future: an overview of CO <sub>2</sub> capture from the atmosphere. <i>Energy and Environmental Science</i> , <b>2012</b> , 5, 7833	35.4	437
966	Taming of fluoroform: direct nucleophilic trifluoromethylation of Si, B, S, and C centers. <i>Science</i> , <b>2012</b> , 338, 1324-7	33.3	225

965	A domino approach of Heck coupling for the synthesis of $\alpha$ -trifluoromethylstyrenes. <i>Organic Letters</i> , <b>2012</b> , 14, 1146-9	6.2	48
964	C7H12(2+): a prototype hexacoordinate carbonium ion. <i>Journal of Physical Chemistry A</i> , <b>2012</b> , 116, 756-60.8	6.8	4
963	Silica Nanoparticles as Supports for Regenerable CO2 Sorbents. <i>Energy &amp; Fuels</i> , <b>2012</b> , 26, 3082-3090.1	4.1	71
962	Nafion-Ru: A Sustainable Catalyst for Selective Hydration of Nitriles to Amides. <i>Asian Journal of Organic Chemistry</i> , <b>2012</b> , 1, 146-149	3	19
961	Efficient synthesis of trifluoromethylated dihydrochalcones, aryl vinyl ketones and indanones by superelectrophilic activation of 4,4,4-trifluoro/3-(trifluoromethyl)crotonic acids. <i>Journal of Fluorine Chemistry</i> , <b>2012</b> , 143, 292-302	2.1	17
960	Gallium(III) triflate: an efficient and a sustainable Lewis acid catalyst for organic synthetic transformations. <i>Accounts of Chemical Research</i> , <b>2012</b> , 45, 565-77	24.3	74
959	Tetrafluoromethanesulfonic Acid (1,1,1,2-Tetrafluoroethanesulfonic Acid, HC2F4SO3H) and Gallium Tetrafluoroborate as Effective Catalysts in Organic Synthesis. <i>Advanced Synthesis and Catalysis</i> , <b>2012</b> , 354, 2163-2171	5.6	7
958	Enantioselective synthesis of $\beta$ -stereogenic $\beta$ -keto esters via formal umpolung. <i>Organic Letters</i> , <b>2012</b> , 14, 3260-3	6.2	24
957	Octahydrido diborane (B2H8) and its protonated cations containing five-, six-, and seven-coordinate boron atoms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 6825-8	11.5	6
956	Anthropogenic chemical carbon cycle for a sustainable future. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 12881-98	16.4	925
955	A domino approach (hydrolysis/dehydrohalogenation/Heck coupling) for the synthesis of styrene sulfonate salts. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 2140-3	16.4	22
954	Study of operating conditions and cell design on the performance of alkaline anion exchange membrane based direct methanol fuel cells. <i>Journal of Power Sources</i> , <b>2011</b> , 196, 7967-7972	8.9	50
953	Comparative study of the hypercoordinate carbonium ions and their boron analogs: A challenge for spectroscopists. <i>Chemical Physics Letters</i> , <b>2011</b> , 517, 1-8	2.5	7
952	Carbon dioxide capture from the air using a polyamine based regenerable solid adsorbent. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 20164-7	16.4	345
951	Reduction of Carbonyl to Methylene: Organosilane-Ga(OTf)3 as an Efficient Reductant System. <i>Catalysis Letters</i> , <b>2011</b> , 141, 507-511	2.8	13
950	N,N-Dimethyl-S-difluoromethyl-S-phenylsulfoximinium tetrafluoroborate: A versatile electrophilic difluoromethylating reagent. <i>Journal of Fluorine Chemistry</i> , <b>2011</b> , 132, 792-798	2.1	79
949	Hydrogen generation from formic acid decomposition by ruthenium carbonyl complexes. Tetraruthenium dodecacarbonyl tetrahydride as an active intermediate. <i>ChemSusChem</i> , <b>2011</b> , 4, 1241-8	8.3	77
948	On the nature of C-H...F-C interactions in hindered CF3-C(sp3)-F bond rotations. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 11761-4	16.4	32

947	Fluoroanalogs of DDT: superacidic BF <sub>3</sub> -H <sub>2</sub> O catalyzed facile synthesis of 1,1,1-trifluoro-2,2-diarylethanes and 1,1-difluoro-2,2-diarylethanes. <i>Organic Letters</i> , <b>2011</b> , 13, 4128-31	6.2	37
946	Conformational study of 9-dehydro-9-trifluoromethyl cinchona alkaloids via <sup>19</sup> F NMR spectroscopy: emergence of trifluoromethyl moiety as a conformational stabilizer and a probe. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 9992-5	16.4	32
945	Halogenation of carbonyl compounds: halotrimethylsilane-triurate salt couple as an efficient halogenating reagent system. <i>Tetrahedron Letters</i> , <b>2011</b> , 52, 1217-1221	2	24
944	HF-Free, Direct Synthesis of Tetrabutylammonium Trifluoroborates. <i>Synthesis</i> , <b>2011</b> , 2011, 292-302	2.9	8
943	Beyond Oil and Gas: The Methanol Economy. <i>ECS Transactions</i> , <b>2011</b> , 35, 31-40	1	10
942	Vicinal dihalonium ions: diprotonated and dimethylated chlorine [H <sub>2</sub> Cl <sub>2</sub> (2+), (CH <sub>3</sub> ) <sub>2</sub> Cl <sub>2</sub> (2+)] and bromine [H <sub>2</sub> Br <sub>2</sub> (2+), (CH <sub>3</sub> ) <sub>2</sub> Br <sub>2</sub> (2+)] dication. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 6716-20	11.5	9
941	Cyclodehydration of Fluorinated Diols Using the Mitsunobu Reaction: Highly Efficient Synthesis of Trifluoromethylated Cyclic Ethers. <i>Synthesis</i> , <b>2010</b> , 2010, 1891-1898	2.9	8
940	Synthesis and biological evaluation of fluorinated deoxynucleotide analogs based on bis-(difluoromethylene)triphosphoric acid. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 15693-8	11.5	36
939	Tri- and tetraprotonated ethane (C <sub>2</sub> H <sub>9</sub> (3+) and C <sub>2</sub> H <sub>10</sub> (4+)) containing five- and six-coordinate carbons. <i>Journal of Physical Chemistry A</i> , <b>2010</b> , 114, 12124-7	2.8	6
938	Ab initio/GIAO-CCSD(T) study of the trimethyl- and dimethylsilicenium ions: structures, ( <sup>29</sup> Si), ( <sup>13</sup> C), and ( <sup>1</sup> H) NMR chemical shifts, and IR spectra. <i>Journal of Physical Chemistry A</i> , <b>2010</b> , 114, 4394-9	2.8	11
937	Nanostructured silica as a support for regenerable high-capacity organoamine-based CO <sub>2</sub> sorbents. <i>Energy and Environmental Science</i> , <b>2010</b> , 3, 1949	35.4	191
936	Preparation of trifluoromethylated dihydrocoumarins, indanones, and arylpropanoic acids by tandem superacidic activation of 2-(trifluoromethyl)acrylic acid with arenes. <i>Journal of Organic Chemistry</i> , <b>2010</b> , 75, 2219-26	4.2	40
935	Nucleophilic perfluoroalkylation of imines and carbonyls: perfluoroalkyl sulfones as efficient perfluoroalkyl-transfer motifs. <i>Organic Letters</i> , <b>2010</b> , 12, 2932-5	6.2	40
934	Gallium(III) Triflate Catalyzed Direct Reductive Amination of Aldehydes. <i>Catalysis Letters</i> , <b>2010</b> , 137, 1112-1117	2.1	25
933	Microwave-Assisted Nafion-H Catalyzed Friedel-Crafts Type Reaction of Aromatic Aldehydes with Arenes: Synthesis of Triarylmethanes. <i>Catalysis Letters</i> , <b>2010</b> , 138, 155-159	2.8	18
932	Synthesis of monofluoroalkenes via Julia-Rocienski reaction. <i>Journal of Fluorine Chemistry</i> , <b>2010</b> , 131, 1192-1197	2.1	38
931	Efficient synthesis of (fluoro/chloro/methoxy)disulfonylmethane derivatives as tunable substituted methyl synthons via a new C-S bond forming strategy. <i>Journal of Fluorine Chemistry</i> , <b>2010</b> , 131, 1007-1012	2.1	13
930	Efficient One-Pot Synthesis of Novel Fluorinated Heterocycles Using Trimethylsilyl Trifluoromethanesulfonate as a Metal-Free Homogeneous Lewis Acid Catalyst. <i>ACS Symposium Series</i> , <b>2009</b> , 59-83	0.4	0



929	Calculational study of fluoroammonium and related cations and dications. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 8443-8	4.8	5
928	A persistent alpha-fluorocarbanion and its analogues: preparation, characterization, and computational study. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 5358-62	16.4	47
927	Poly(4-vinylpyridine) catalyzed selective methanolysis of methyl and methylene bromides. <i>Tetrahedron Letters</i> , <b>2009</b> , 50, 6016-6018	2	5
926	Ipsso-amidation of arylboronic acids: Xenon difluoride-nitriles as efficient reagent systems. <i>Journal of Fluorine Chemistry</i> , <b>2009</b> , 130, 806-809	2.1	15
925	Poly(4-vinylpyridine) catalyzed hydrolysis of methyl bromide to methanol and dimethyl ether. <i>Journal of Molecular Catalysis A</i> , <b>2009</b> , 310, 180-183		12
924	Alpha-fluoro-alpha-nitro(phenylsulfonyl)methane as a fluoromethyl pronucleophile: efficient stereoselective Michael addition to chalcones. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 4090-4	11.5	89
923	Formation of Secondary or Tertiary Aliphatic Amines in Aqueous Media. <i>Synthetic Communications</i> , <b>2009</b> , 39, 2859-2865	1.7	6
922	Efficient nucleophilic fluoromethylation and subsequent transformation of alkyl and benzyl halides using fluorobis(phenylsulfonyl)methane. <i>Organic Letters</i> , <b>2009</b> , 11, 1127-30	6.2	74
921	Chiral benzylic carbocations: low-temperature NMR studies and theoretical calculations. <i>Journal of Organic Chemistry</i> , <b>2009</b> , 74, 312-8	4.2	35
920	Ab initio/DFT/GIAO-CCSD(T) calculational study of the t-butyl cation: comparison of experimental data with structures, energetics, IR vibrational frequencies, and <sup>13</sup> C NMR chemical shifts indicating preferred C(s) conformation. <i>Journal of Physical Chemistry A</i> , <b>2009</b> , 113, 6795-9	2.8	19
919	Gallium (III) triflate-catalyzed synthesis of heterocycles: quinoxalines, 1,5-benzodiazepines and their fluorinated derivatives. <i>Future Medicinal Chemistry</i> , <b>2009</b> , 1, 909-20	4.1	11
918	BF <sub>3</sub> -H <sub>2</sub> O catalyzed hydroxyalkylation of aromatics with aromatic aldehydes and dicarboxaldehydes: efficient synthesis of triarylmethanes, diarylmethylbenzaldehydes, and anthracene derivatives. <i>Journal of Organic Chemistry</i> , <b>2009</b> , 74, 8659-68	4.2	100
917	Chemical recycling of carbon dioxide to methanol and dimethyl ether: from greenhouse gas to renewable, environmentally carbon neutral fuels and synthetic hydrocarbons. <i>Journal of Organic Chemistry</i> , <b>2009</b> , 74, 487-98	4.2	1110
916	<b>2009</b> ,		405
915	Ab initio/GIAO-CCSD(T) study of structures, energies, and <sup>13</sup> C NMR chemical shifts of C <sub>4</sub> H <sub>7</sub> (+) and C <sub>5</sub> H <sub>9</sub> (+) ions: relative stability and dynamic aspects of the cyclopropylcarbinyl vs bicyclobutonium ions. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 9168-72	16.4	46
914	Efficient green synthesis of β-aminonitriles, precursors of β-amino acids. <i>Green Chemistry</i> , <b>2008</b> , 10, 1105	10	28
913	<sup>13</sup> C and <sup>15</sup> N NMR and ab Initio/GIAO-CCSD(T) Study of the Structure of Mono-, Di-, and Triprotonated Guanidine, Urea, and Thiourea. <i>Journal of Physical Chemistry C</i> , <b>2008</b> , 112, 7895-7899	3.8	12
912	Protonated tert-pentyl dication (C <sub>5</sub> H <sub>12</sub> <sup>2+</sup> , isopentane dication). <i>Dalton Transactions</i> , <b>2008</b> , 521-6	4.3	7

911	Direct electrophilic monofluoromethylation. <i>Organic Letters</i> , <b>2008</b> , 10, 557-60	6.2	87
910	Nafion <sup>®</sup> -H Catalyzed Synthesis of Fluorinated Benzimidazolines, Benzothiazolines, Benzoxazolines and Dihydrobenzoxazinones. <i>Synthesis</i> , <b>2008</b> , 2008, 897-902	2.9	15
909	Facile Synthesis of Diarylmethylpyridines/Diarylmethylquinolines through Superelectrophilic Activation of Pyridinecarboxaldehydes/Quinolinecarboxaldehydes with Boron Trifluoride Monohydrate. <i>Heterocycles</i> , <b>2008</b> , 76, 783	0.8	25
908	Efficient 1,4-addition of alpha-substituted fluoro(phenylsulfonyl)methane derivatives to alpha,beta-unsaturated compounds. <i>Beilstein Journal of Organic Chemistry</i> , <b>2008</b> , 4, 17	2.5	43
907	Stereoselective synthesis of fluorobis(phenylsulfonyl)methyl-substituted alkenes using free radical fluoroalkylation. <i>Journal of Fluorine Chemistry</i> , <b>2008</b> , 129, 1036-1040	2.1	17
906	Novel single step electrochemical route to MnO <sub>2</sub> nanoparticle-coated polyaniline nanofibers: Thermal stability and formic acid oxidation on the resulting nanocomposites. <i>Journal of Power Sources</i> , <b>2008</b> , 181, 79-84	8.9	23
905	1-Oxonoadamantane. <i>European Journal of Organic Chemistry</i> , <b>2008</b> , 2008, 4555-4558	3.2	11
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