

Shlomo Rozen

List of Publications by Year in descending order

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48
papers

1,764
citations

218381

26
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276539

41
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docs citations

57
times ranked

1136
citing authors

#	ARTICLE	IF	CITATIONS
1	The Chemistry of Short-Lived $\hat{1}\pm$ -Fluorocarboocations. <i>Journal of Organic Chemistry</i> , 2021, 86, 3882-3889.	1.7	1
2	Using fluoroform for constructing aromatic and heterocyclic trifluoromethylselenyl compounds. <i>Journal of Fluorine Chemistry</i> , 2021, 250, 109866.	0.9	1
3	[All] \hat{S} -dioxide Oligo \hat{C} Thienylenevinylenes: Synthesis and Structural/Electronic Shapes from Their Molecular Force Fields. <i>Chemistry - A European Journal</i> , 2019, 25, 464-468.	1.7	1
4	Poly(3-hexylthiophene) Nanoparticles Containing Thiophene- \hat{S} -dioxide: Tuning of Dimensions, Optical and Redox Properties, and Charge Separation under Illumination. <i>ACS Nano</i> , 2017, 11, 1991-1999.	7.3	31
5	Synthesis of \hat{N} -Dioxopyridazines. <i>Organic Letters</i> , 2017, 19, 4707-4709.	2.4	12
6	Fluorination of $\hat{1}\pm, \hat{1}^2$ -unsaturated carbonyl compounds using elemental fluorine. <i>Tetrahedron</i> , 2016, 72, 632-636.	1.0	18
7	Fluorination of Flavones and Chromones Using Elemental Fluorine. <i>Journal of Organic Chemistry</i> , 2014, 79, 7261-7265.	1.7	38
8	A new synthesis of trifluoromethyl sulfides utilizing thiocyanates and fluoroform. <i>Journal of Fluorine Chemistry</i> , 2014, 168, 173-176.	0.9	37
9	HOF \hat{A} -CH ₃ CN: Probably the Best Oxygen Transfer Agent Organic Chemistry Has To Offer. <i>Accounts of Chemical Research</i> , 2014, 47, 2378-2389.	7.6	19
10	A General and Efficient Method To Convert Selenides into Selenones by Using HOF \hat{A} -CH ₃ CN. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 5574-5579.	1.2	13
11	Fluorination of Aryl Boronic Acids Using Acetyl Hypofluorite Made Directly from Diluted Fluorine. <i>Journal of Organic Chemistry</i> , 2013, 78, 11794-11797.	1.7	13
12	New Conjugated Oligothiophenes Containing the Unique Arrangement of Internal Adjacent [All] \hat{S} -Oxygenated Thiophene Fragments. <i>Chemistry - A European Journal</i> , 2013, 19, 5289-5296.	1.7	23
13	Pyridine \hat{C} BrF ₃ , the Missing Link for Clean Fluorinations of Aromatic Derivatives. <i>Organic Letters</i> , 2012, 14, 1114-1117.	2.4	29
14	Measurement and optimization of organic chemical reaction yields by GC \hat{A} -MS with supersonic molecular beams. <i>Tetrahedron</i> , 2012, 68, 5793-5799.	1.0	19
15	Selective Reactions of Bromine Trifluoride in Organic Chemistry. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 2691-2707.	2.1	30
16	Synthesis of diazafluorene- and diazafluorenone-N,N \hat{E}^2 -dioxides using HOF \hat{A} -CH ₃ CN. <i>Tetrahedron</i> , 2010, 66, 3297-3300.	1.0	12
17	Do [all]-S \hat{A}^2 -Dioxide Oligothiophenes Show Electronic and Optical Properties of Oligoenes and/or of Oligothiophenes?. <i>Journal of the American Chemical Society</i> , 2010, 132, 6231-6242.	6.6	51
18	The Tetrazole 3- \hat{N} -Oxide Synthesis. <i>Journal of Organic Chemistry</i> , 2010, 75, 3141-3143.	1.7	52

#	ARTICLE	IF	CITATIONS
19	Preparation of Alkyl and Aryl Chlorodifluoromethyl Ethers Using BrF ₃ . European Journal of Organic Chemistry, 2008, 2008, 2875-2880.	1.2	21
20	Constructing the CF ₃ group; unique trifluorodecarboxylation induced by BrF ₃ . Tetrahedron, 2005, 61, 1083-1086.	1.0	25
21	Attaching the Fluorine Atom to Organic Molecules Using BrF ₃ and Other Reagents Directly Derived from F ₂ . Accounts of Chemical Research, 2005, 38, 803-812.	7.6	68
22	Elemental Fluorine and HOF·CH ₃ CN in Service of General Organic Chemistry. European Journal of Organic Chemistry, 2005, 2005, 2433-2447.	1.2	52
23	The first general method for α -trifluoromethylation of carboxylic acids using BrF ₃ . Chemical Communications, 2004, , 594-595.	2.2	27
24	The First, General, Highly Efficient Method for Preparing Tetrasubstituted Epoxides Using HOF·CH ₃ CN. European Journal of Organic Chemistry, 2003, 2003, 1915-1917.	1.2	29
25	From Azides to Nitro Compounds in a Few Seconds Using HOF·CH ₃ CN. Journal of the American Chemical Society, 2003, 125, 8118-8119.	6.6	85
26	From Alkyl Halides to Alkyltrifluoromethyls Using Bromine Trifluoride. Journal of Organic Chemistry, 2002, 67, 8430-8434.	1.7	41
27	At Last, 1,10-Phenanthroline-N,N'-dioxide, A New Type of Helicene, has been Synthesized using HOF·CH ₃ CN. Angewandte Chemie - International Edition, 1999, 38, 3471-3473.	7.2	50
28	Foreword by the Guest Editor. Israel Journal of Chemistry, 1999, 39, i-i.	1.0	0
29	Oxidation of Sulfur-Containing Compounds with HOF·CH ₃ CN. Journal of Organic Chemistry, 1997, 62, 1457-1462.	1.7	94
30	Selective Fluorinations by Reagents Containing the OF Group. Chemical Reviews, 1996, 96, 1717-1736.	23.0	121
31	Elemental Fluorine: Not Only for Fluoroorganic Chemistry!. Accounts of Chemical Research, 1996, 29, 243-248.	7.6	80
32	Oxidation of Electron-Deficient Sulfides to Sulfones Using HOF·CH ₃ CN. Journal of Organic Chemistry, 1995, 60, 6186-6187.	1.7	31
33	A Novel Carbonyl to CF ₂ Transformation Using BrF ₃ . Journal of Organic Chemistry, 1994, 59, 2918-2918.	1.7	54
34	Functionalization of aromatic molecules using HOF·CH ₃ CN and CH ₃ OF. Journal of Organic Chemistry, 1993, 58, 1593-1595.	1.7	47
35	Oxidation of aliphatic amines by HOF·CH ₃ CN complex made directly from fluorine and water. Journal of Organic Chemistry, 1992, 57, 7342-7344.	1.7	50
36	Isolation and characterization of methyl hypofluorite (CH ₃ OF). Journal of the American Chemical Society, 1991, 113, 2648-2651.	6.6	47

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37	New Oxidants Containing the O-F Moiety and Some of Their Uses in Organic Chemistry. ACS Symposium Series, 1991, , 56-67.	0.5	1
38	Olefin epoxidation using elemental fluorine. Journal of Organic Chemistry, 1990, 55, 5155-5159.	1.7	54
39	Chlorination, bromination and oxygenation of the pyridine ring using acetyl hypofluorite made from fluorine. Journal of Organic Chemistry, 1988, 53, 1123-1125.	1.7	46
40	Direct aromatic iodination using iodine fluoride prepared from iodine and fluorine. Journal of Organic Chemistry, 1988, 53, 1123-1123.	1.7	17
41	Selective substitution of aliphatic remote tertiary hydrogens by fluorine. Journal of Organic Chemistry, 1987, 52, 4928-4933.	1.7	47
42	Direct addition of elemental fluorine to double bonds. Journal of Organic Chemistry, 1986, 51, 3607-3611.	1.7	83
43	Epoxidation of Olefins with Elemental Fluorine in Water/Acetonitrile Mixtures. Angewandte Chemie International Edition in English, 1986, 25, 554-555.	4.4	51
44	Carbon-13 NMR of tertiary fluorosteroids as a stereochemical probe. Magnetic Resonance in Chemistry, 1985, 23, 116-118.	1.1	12
45	Activation of tertiary paraffins by elemental fluorine. Tetrahedron Letters, 1984, 25, 449-452.	0.7	26
46	Novel method for introduction of the perfluoroethoxy group using elemental fluorine. Synthesis and chemistry of fluoroxyperfluoroethane. Journal of Organic Chemistry, 1980, 45, 4122-4125.	1.7	23
47	Synthesis and chemistry of trifluoroacetyl hypofluorite with elemental fluorine. A novel method for synthesis of .alpha.-fluoroalcohols. Journal of Organic Chemistry, 1980, 45, 672-678.	1.7	65
48	The Formation of the C-F Bond: The Last Twelve Years. , 0, , 629-708.		6