

# Jeanne M Shreeve

## 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.

401 papers	17,028 citations	69 h-index	113 g-index
416 ext. papers	19,429 ext. citations	8.3 avg, IF	7.45 L-index

#	Paper	IF	Citations
401	Functionalized planar aromatic rings as precursors to energetic N,N'-(4,6-dinitro-1,3-phenylene)dinitramide and its salts. <i>Materials Chemistry Frontiers</i> , <b>2022</b> , 6, 933-938	7.8	
400	Halogen bonding (C-F...X) and its effect on creating ideal insensitive energetic materials. <i>Chemical Engineering Journal</i> , <b>2022</b> , 440, 135969	14.7	2
399	Pyrazole bridges ensure highly stable and insensitive bistetrazoles. <i>Chemical Engineering Journal</i> , <b>2021</b> , 431, 133282	14.7	1
398	1,2-Bis(5-(trinitromethyl)-1,2,4-oxadiazol-3-yl)diazene: a water stable, high-performing green oxidizer. <i>Dalton Transactions</i> , <b>2021</b> , 50, 16929-16932	4.3	0
397	Bis(3-(trinitromethyl)-1H-1,2,4-triazol-5-yl)methanone: A mildly acidic high-performing energetic material. <i>Chemical Engineering Journal</i> , <b>2021</b> , 133520	14.7	1
396	Assembling Nitrogen-rich, Thermally Stable, and Insensitive Energetic Materials by Polycyclization. <i>Chemical Engineering Journal</i> , <b>2021</b> , 431, 133235	14.7	5
395	Response to "What Shall We Do with Computed Detonation Performance? Comment on '1,3,4-Oxadiazole Bridges: A Strategy to Improve Energetics at the Molecular Level'". <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 11571	16.4	
394	Taming nitroformate through encapsulation with nitrogen-rich hydrogen-bonded organic frameworks. <i>Nature Communications</i> , <b>2021</b> , 12, 2146	17.4	8
393	Synthesis and energetic properties of trifluoromethyl-substituted 2-nitro-[1,2,4]triazolo[1,5-a]pyrimidine derivatives. <i>Journal of Fluorine Chemistry</i> , <b>2021</b> , 245, 109743	2.1	4
392	Selective Synthesis of Bis(3-(3-(trifluoromethyl)-1H-1,2,4-triazol-5-yl)-4,4'-azo- and -azoxyfurazan Derivatives. <i>Journal of Organic Chemistry</i> , <b>2021</b> , 86, 7781-7786	4.2	3
391	Energetic Tricyclic Polynitropyrazole and Its Salts: Proton-Locking Effect of Guanidium Cations. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 8339-8345	5.1	3
390	Response to "What Shall We Do with Computed Detonation Performance? Comment on '1,3,4-Oxadiazole Bridges: A Strategy to Improve Energetics at the Molecular Level'". <i>Angewandte Chemie</i> , <b>2021</b> , 133, 11675-11675	3.6	
389	One-step synthesis to an insensitive explosive: N,N'-bis((1H-tetrazol-5-yl)methyl)nitramide (BTMNA). <i>Chemical Engineering Journal</i> , <b>2021</b> , 412, 128697	14.7	8
388	Bilateral modification of FOX-7 towards an enhanced energetic compound with promising performances. <i>Chemical Engineering Journal</i> , <b>2021</b> , 415, 128990	14.7	5
387	Well-balanced energetic cocrystals of H5IO6/HIO3 achieved by a small acid-base gap. <i>Chemical Engineering Journal</i> , <b>2021</b> , 405, 126623	14.7	12
386	Very thermostable energetic materials based on a fused-triazole: 3,6-diamino-1H-[1,2,4]triazolo[4,3-b][1,2,4]triazole. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 85-91	3.6	7
385	1,3,4-Oxadiazole Bridges: A Strategy to Improve Energetics at the Molecular Level. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 5497-5504	16.4	22

384	Functionalized Tetrazole Energetics: A Route to Enhanced Performance. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2021</b> , 647, 157-191	1.3	13
383	New Promises from an Old Friend: Iodine-Rich Compounds as Prospective Energetic Biocidal Agents. <i>Accounts of Chemical Research</i> , <b>2021</b> , 54, 332-343	24.3	14
382	1,2,3-Triazole with linear and branched catenated nitrogen chains The role of regiochemistry in energetic materials. <i>Chemical Engineering Journal</i> , <b>2021</b> , 410, 128148	14.7	16
381	Hydrogen bond system generated by nitroamino rearrangement: new character for designing next generation energetic materials. <i>Chemical Communications</i> , <b>2021</b> , 57, 603-606	5.8	9
380	1,3,4-Oxadiazole Bridges: A Strategy to Improve Energetics at the Molecular Level. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 5557-5564	3.6	7
379	HFOX-1-Amino-1-hydrazino-2,2-Dinitroethylene as a Precursor to Trifluoromethyl, Dinitro, or Trinitro-Based Energetic 1,2,4-Triazoles. <i>Organic Letters</i> , <b>2021</b> , 23, 76-80	6.2	8
378	Mono-N-oxidation of heterocycle-fused pyrimidines. <i>Dalton Transactions</i> , <b>2021</b> , 50, 2143-2148	4.3	4
377	One Step Closer to an Ideal Insensitive Energetic Molecule: 3,5-Diamino-6-hydroxy-2-oxide-4-nitropyrimidone and its Derivatives. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 12665-12674	16.4	9
376	Materials-Genome Approach to Energetic Materials. <i>Accounts of Materials Research</i> , <b>2021</b> , 2, 692-696	7.5	9
375	Energetic compounds based on a new fused triazolo[4,5-d]pyridazine ring: Nitroimino lights up energetic performance. <i>Chemical Engineering Journal</i> , <b>2021</b> , 420, 129839	14.7	10
374	Multisubstituted Imidazolo[4,5-]pyridazine Fused Ring System Resulting from Nitroamine-Nitroimine Tautomerism. <i>Organic Letters</i> , <b>2021</b> , 23, 7860-7864	6.2	4
373	Tunable Dimroth rearrangement of versatile 1,2,3-triazoles towards high-performance energetic materials. <i>Journal of Materials Chemistry A</i> , <b>2021</b> , 9, 12291-12298	13	18
372	Pushing the Limit of Nitro Groups on a Pyrazole Ring with Energy-Stability Balance.. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 61357-61364	9.5	2
371	An Azo-bridged Triazole Derived from Tetrazine. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2020</b> , 646, 1799-1804	1.3	2
370	Increased electron transfer kinetics and thermally treated graphite stability through improved tunneling paths. <i>Journal of Materials Science</i> , <b>2020</b> , 55, 11411-11430	4.3	1
369	Dinitromethyl groups enliven energetic salts. <i>Energetic Materials Frontiers</i> , <b>2020</b> , 1, 2-15	3.3	18
368	Derivatives of 3,6-Bis(3-aminofurazan-4-ylamino)-1,2,4,5-tetrazine: Excellent Energetic Properties with Lower Sensitivities. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 31522-31531	9.5	12
367	-Dinitromethyl-Functionalized 5-Amino-1,3,4-oxadiazolate Derivatives: Alternate Route, Characterization, and Property Analysis. <i>Organic Letters</i> , <b>2020</b> , 22, 4771-4775	6.2	4

366	Construction of an Unusual Two-Dimensional Layered Structure for Fused-Ring Energetic Materials with High Energy and Good Stability. <i>Engineering</i> , <b>2020</b> , 6, 1006-1012	9.7	19
365	Enforced Planar FOX-7-like Molecules: A Strategy for Thermally Stable and Insensitive EConjugated Energetic Materials. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 7153-7160	16.4	38
364	Finding furoxan rings. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 5859-5864	13	11
363	Fused heterocycle-based energetic materials (2012-2019). <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 4193-4216	13	100
362	Energetic Derivatives of 8-Nitropirazolo[1,5-][1,3,5]triazine-2,4,7-triamine: Achieving Balanced Explosives by Fusing Pyrazole with Triazine. <i>Organic Letters</i> , <b>2020</b> , 22, 1321-1325	6.2	23
361	Nitrogen-Rich Tetrazolo[1,5-]pyridazine: Promising Building Block for Advanced Energetic Materials. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 3652-3657	16.4	56
360	Selecting Suitable Substituents for Energetic Materials Based on a Fused Triazolo-[1,2,4,5]tetrazine Ring. <i>ACS Applied Energy Materials</i> , <b>2020</b> , 3, 5510-5516	6.1	9
359	A Duo and a Trio of Triazoles as Very Thermostable and Insensitive Energetic Materials. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 17766-17774	5.1	16
358	Designing high-performance hypergolic propellants based on materials genome. <i>Science Advances</i> , <b>2020</b> , 6,	14.3	13
357	Azo- and methylene-bridged mixed azoles for stable and insensitive energetic applications. <i>Dalton Transactions</i> , <b>2020</b> , 49, 11498-11503	4.3	11
356	Challenging the limits of nitrogen and oxygen content of fused rings. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 17411-17414	13	13
355	Superior High-Energy-Density Biocidal Agent Achieved with a 3D Metal-Organic Framework. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 40541-40547	9.5	8
354	A Safe and Scaled-Up Route to Inert Ammonia Oxide Hydroxylammonium Azide (H <sub>7</sub> N <sub>5</sub> O <sub>2</sub> ), Hydrazinium Azide (H <sub>5</sub> N <sub>5</sub> ), and Ammonium Azide (H <sub>4</sub> N <sub>4</sub> ). <i>ACS Applied Energy Materials</i> , <b>2019</b> , 2, 6919-6923	6.1	10
353	Versatile functionalization of 3,5-diamino-4-nitropirazole for promising insensitive energetic compounds. <i>Dalton Transactions</i> , <b>2019</b> , 48, 14490-14496	4.3	12
352	Sodium and Potassium 3,5-Dinitro-4-hydropirazolate: Three-Dimensional Metal-Organic Frameworks as Promising Super-heat-resistant Explosives. <i>ACS Applied Energy Materials</i> , <b>2019</b> , 2, 7628-7634	6.1	20
351	CNO: Thermally Stable Nitrogen-Rich Inner Bis(diazonium) Zwitterions. <i>Organic Letters</i> , <b>2019</b> , 21, 8201-8204	6.4	7
350	Construction of Polynitro Compounds as High-Performance Oxidizers via a Two-Step Nitration of Various Functional Groups. <i>Organic Letters</i> , <b>2019</b> , 21, 1073-1077	6.2	21
349	IL-oxidizer/IL-fuel combinations as greener hypergols. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 1127-1129	3.6	3

348	Electrochemical stability and capacitance of in-situ synthesized Prussian blue on thermally-activated graphite. <i>SN Applied Sciences</i> , <b>2019</b> , 1, 1	1.8	4
347	Challenging the Limits of Nitro Groups Associated with a Tetrazole Ring. <i>Organic Letters</i> , <b>2019</b> , 21, 4684-4688	4.688	22
346	Energetic furazan-triazole hybrid with dinitromethyl and nitramino groups: decreasing sensitivity via the formation of a planar anion. <i>Dalton Transactions</i> , <b>2019</b> , 48, 7677-7684	4.3	23
345	Multipurpose [1,2,4]triazolo[4,3-b][1,2,4,5] tetrazine-based energetic materials. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 7875-7884	13	53
344	Green Synthetic Approach for High-Performance Energetic Nitramino Azoles. <i>Organic Letters</i> , <b>2019</b> , 21, 2610-2614	6.2	18
343	A Halogen-Free Green High Energy Density Oxidizer from H-FOX. <i>European Journal of Organic Chemistry</i> , <b>2019</b> , 2019, 3142-3145	3.2	2
342	Tetrazolyl and dinitromethyl groups with 1,2,3-triazole lead to polyazole energetic materials. <i>Dalton Transactions</i> , <b>2019</b> , 48, 3237-3242	4.3	15
341	Functional energetic biocides by coupling of energetic and biocidal polyiodo building blocks. <i>Chemical Engineering Journal</i> , <b>2019</b> , 368, 244-251	14.7	10
340	5-(4-Azidofurazan-3-yl)-1-hydroxytetrazole and its derivatives: from green primary to secondary explosives. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 12684-12689	3.6	14
339	1,3,5-Triiodo-2,4,6-trinitrobenzene (TITNB) from benzene: Balancing performance and high thermal stability of functional energetic materials. <i>Chemical Engineering Journal</i> , <b>2019</b> , 378, 122119	14.7	11
338	Fused rings with N-oxide and -NH: good combination for high density and low sensitivity energetic materials. <i>Chemical Communications</i> , <b>2019</b> , 55, 8979-8982	5.8	34
337	Energetic and Fluorescent Azole-Fused 4-Amino-1,2,3-triazine-3-N-oxides. <i>ACS Applied Energy Materials</i> , <b>2019</b> , 2, 8871-8877	6.1	15
336	Aminonitro Groups Surrounding a Fused Pyrazolotriazine Ring: A Superior Thermally Stable and Insensitive Energetic Material. <i>ACS Applied Energy Materials</i> , <b>2019</b> , 2, 2263-2267	6.1	61
335	Bis(3-nitro-1-(trinitromethyl)-1,2,4-triazol-5-yl)methanone: An Applicable and Very Dense Green Oxidizer. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 19581-19584	16.4	34
334	Intermolecular Weak Hydrogen Bonding (Het-H-N/O): an Effective Strategy for the Synthesis of Monosubstituted 1,2,4,5-Tetrazine-Based Energetic Materials with Excellent Sensitivity. <i>Journal of Organic Chemistry</i> , <b>2019</b> , 84, 16019-16026	4.2	12
333	Thermal Modification of Graphite for Fast Electron Transport and Increased Capacitance. <i>ACS Applied Nano Materials</i> , <b>2019</b> , 2, 228-240	5.6	4
332	Efficient Construction of Energetic Materials via Nonmetallic Catalytic Carbon-Carbon Cleavage/Oxime-Release-Coupling Reactions. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 3560-3563	16.4	35
331	Energetic derivatives of 4,4',5,5'-tetranitro-2H,2'H-3,3'-bipyrazole (TNBP): synthesis, characterization and promising properties. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 5136-5142	13	29

- 330 Ring closure of polynitroazoles via an N,N'-alkylene bridge: towards high thermally stable energetic compounds. *Journal of Materials Chemistry A*, **2018**, 6, 8382-8387 13 23
- 329 Boosting energetic performance by trimerizing furoxan. *Journal of Materials Chemistry A*, **2018**, 6, 9391-9396 52
- 328 Energetic Functionalized Azido/Nitro Imidazole Fused 1,2,3,4-Tetrazine. *European Journal of Organic Chemistry*, **2018**, 2018, 2273-2276 3.2 16
- 327 Taming of tetranitroethane: a promising precursor for high performance energetic ingredients. *Journal of Materials Chemistry A*, **2018**, 6, 15815-15820 13 15
- 326 Energetic salts of 4-nitramino-3-(5-dinitromethyl-1,2,4-oxadiazolyl)-furan: powerful alliance towards good thermal stability and high performance. *Journal of Materials Chemistry A*, **2018**, 6, 16833-16837 13 43
- 325 N,N'-Methylenebis(N-(1,2,5-oxadiazol-3-yl)nitramide) derivatives as metal-free green primary explosives. *Dalton Transactions*, **2018**, 47, 12661-12666 4.3 13
- 324 A Safer Synthesis of 3,5-Bis(dinitromethyl)-1,2,4-triazole (BDT) and Its Mono and Di Salts: High-Performance Insensitive Energetic Materials. *Propellants, Explosives, Pyrotechnics*, **2018**, 43, 48-53 1.7 13
- 323 Asymmetric nitrogen-rich energetic materials resulting from the combination of tetrazolyl, dinitromethyl and (1,2,4-oxadiazol-5-yl)nitroamino groups with furoxan. *Dalton Transactions*, **2018**, 47, 16558-16566 4.3 28
- 322 Desensitization of the dinitromethyl group: molecular/crystalline factors that affect the sensitivities of energetic materials. *Journal of Materials Chemistry A*, **2018**, 6, 22705-22712 13 32
- 321 Oxidative Cyclization Protocol for the Preparation of Energetic 3-Amino-5-R-1,2,4-oxadiazoles. *Organic Letters*, **2018**, 20, 8039-8042 6.2 13
- 320 Conjugated Energetic Salts Based on Fused Rings: Insensitive and Highly Dense Materials. *Journal of the American Chemical Society*, **2018**, 140, 15001-15007 16.4 82
- 319 Multipurpose Energetic Materials by Shuffling Nitro Groups on a 3,3'-Bipyrazole Moiety. *Chemistry - A European Journal*, **2018**, 24, 17220-17224 4.8 24
- 318 A C-C bonded 5,6-fused bicyclic energetic molecule: exploring an advanced energetic compound with improved performance. *Chemical Communications*, **2018**, 54, 10566-10569 5.8 38
- 317 Improving the density and properties of nitrogen-rich scaffolds by the introduction of a CNO<sub>2</sub> group. *New Journal of Chemistry*, **2018**, 42, 16162-16166 3.6 6
- 316 Synthesis and Characterization of 4-(1,2,4-Triazole-5-yl)furan Derivatives as High-Performance Insensitive Energetic Materials. *Chemistry - A European Journal*, **2018**, 24, 10488-10497 4.8 29
- 315 Control of Biohazards: A High Performance Energetic Polycyclized Iodine-Containing Biocide. *Inorganic Chemistry*, **2018**, 57, 8673-8680 5.1 13
- 314 Nitrogen-Rich Azoles as High Density Energy Materials: Reviewing the Energetic Footprints of Heterocycles. *Advances in Heterocyclic Chemistry*, **2017**, 121, 89-131 2.4 59
- 313 A furazan-fused pyrazole N-oxide via unusual cyclization. *Journal of Materials Chemistry A*, **2017**, 5, 4314-4319 4.3 29

312	5-(Dinitromethyl)-3-(trinitromethyl)-1,2,4-triazole and its derivatives: a new application of oxidative nitration towards gem-trinitro-based energetic materials. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 4785-4790	13	41
311	High-performing and thermally stable energetic 3,7-diamino-7H-[1,2,4]triazolo[4,3-b][1,2,4]triazole derivatives. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 6100-6105	13	24
310	Ammonia Oxide as a Building Block for High-Performance and Insensitive Energetic Materials. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 5894-5898	16.4	26
309	Resolving synthetic challenges faced in the syntheses of asymmetric N,N'-ethylene-bridged energetic compounds. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 4040-4047	3.6	12
308	A Facile and Versatile Synthesis of Energetic Furazan-Functionalized 5-Nitroimino-1,2,4-Triazoles. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 5877-5881	16.4	88
307	A Facile and Versatile Synthesis of Energetic Furazan-Functionalized 5-Nitroimino-1,2,4-Triazoles. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 5971-5975	3.6	16
306	3,4,5-Trinitro-1-(nitromethyl)-1H-pyrazole (TNNMP): a perchlorate free high energy density oxidizer with high thermal stability. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 10437-10441	13	29
305	Ammonia Oxide as a Building Block for High-Performance and Insensitive Energetic Materials. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 5988-5992	3.6	7
304	N-Acetonitrile Functionalized Nitropyrazoles: Precursors to Insensitive Asymmetric N-Methylene-C Linked Azoles. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 7876-7881	4.8	19
303	Pushing the Limits of Oxygen Balance in 1,3,4-Oxadiazoles. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 8816-8819	16.4	67
302	Nitramino- and Dinitromethyl-Substituted 1,2,4-Triazole Derivatives as High-Performance Energetic Materials. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 9185-9191	4.8	22
301	Polynitro-Functionalized Dipyrazolo-1,3,5-triazinanes: Energetic Polycyclization toward High Density and Excellent Molecular Stability. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 8834-8838	16.4	68
300	Hypergolic fuels based on water-stable borohydride cluster anions with ultralow ignition delay times. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 13341-13346	13	33
299	Comparative Study of Various Pyrazole-based Anions: A Promising Family of Ionic Derivatives as Insensitive Energetic Materials. <i>Chemistry - an Asian Journal</i> , <b>2017</b> , 12, 378-384	4.5	31
298	Dinitromethyl-3(5)-1,2,4-oxadiazole Derivatives from Controllable Cyclization Strategies. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 16401-16407	4.8	17
297	Energy and Biocides Storage Compounds: Synthesis and Characterization of Energetic Bridged Bis(triiodoazoles). <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 13547-13552	5.1	13
296	New Generation Agent Defeat Weapons: Energetic N,N'-Ethylene-Bridged Polyiodoazoles. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 16753-16757	4.8	14
295	Balancing Excellent Performance and High Thermal Stability in a Dinitropyrazole Fused 1,2,3,4-Tetrazine. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 13684-13687	16.4	103

- 294 Energetic 1,2,5-Oxadiazolo-Pyridazine and its N-Oxide. *Chemistry - A European Journal*, **2017**, 23, 15022-15025 17
- 293 Aminoacetonitrile as precursor for nitrogen rich stable and insensitive asymmetric N-methylene-C linked tetrazole-based energetic compounds. *Journal of Materials Chemistry A*, **2017**, 5, 16767-16775 13 34
- 292 Polynitro-Functionalized Dipyrazolo-1,3,5-triazinanes: Energetic Polycyclization toward High Density and Excellent Molecular Stability. *Angewandte Chemie*, **2017**, 129, 8960-8964 3.6 15
- 291 Nitromethane Bridged Bis(1,3,4-oxadiazoles): Trianionic Energetic Salts with Low Sensitivities. *Chemistry - A European Journal*, **2017**, 23, 17682-17686 4.8 28
- 290 A Highly Stable and Insensitive Fused Triazolo-Triazine Explosive (TTX). *Chemistry - A European Journal*, **2017**, 23, 1743-1747 4.8 59
- 289 Energetic 4,4'-Oxybis[3,3'-(1-hydroxytetrazolyl)]fuzazan and Its Salts. *Chemistry - an Asian Journal*, **2016**, 11, 3113-3117 4.5 15
- 288 Bis(4-nitraminofurazanyl-3-azoxy)azofurazan and Derivatives: 1,2,5-Oxadiazole Structures and High-Performance Energetic Materials. *Angewandte Chemie*, **2016**, 128, 11720-11723 3.6 18
- 287 Design and synthesis of N-methylene-C linked tetrazole and nitramino-1,2,4-triazole: an approach to promising energetic materials. *Journal of Materials Chemistry A*, **2016**, 4, 13923-13929 13 21
- 286 3,6-Dinitropyrazolo[4,3-c]pyrazole-Based Multipurpose Energetic Materials through Versatile N-Functionalization Strategies. *Angewandte Chemie*, **2016**, 128, 13087-13089 3.6 17
- 285 3,6-Dinitropyrazolo[4,3-c]pyrazole-Based Multipurpose Energetic Materials through Versatile N-Functionalization Strategies. *Angewandte Chemie - International Edition*, **2016**, 55, 12895-7 16.4 64
- 284 Energetic dinitromethyl group functionalized azofurazan and its azofurazanates. *RSC Advances*, **2016**, 6, 91477-91482 3.7 24
- 283 Time for pairing: cocrystals as advanced energetic materials. *CrystEngComm*, **2016**, 18, 6124-6133 3.3 96
- 282 Small Cation-Based High-Performance Energetic Nitraminofurazanates. *Chemistry - A European Journal*, **2016**, 22, 11846-53 4.8 23
- 281 Energetic N-Nitramino/N-Oxyl-Functionalized Pyrazoles with Versatile  $\pi$ -Stacking: Structure-Property Relationships of High-Performance Energetic Materials. *Angewandte Chemie*, **2016**, 128, 14621-14623 3.6 8
- 280 Energetic N-Nitramino/N-Oxyl-Functionalized Pyrazoles with Versatile  $\pi$ -Stacking: Structure-Property Relationships of High-Performance Energetic Materials. *Angewandte Chemie - International Edition*, **2016**, 55, 14409-14411 16.4 48
- 279 Enhancing Energetic Properties and Sensitivity by Incorporating Amino and Nitramino Groups into a 1,2,4-Oxadiazole Building Block. *Angewandte Chemie*, **2016**, 128, 1159-1162 3.6 16
- 278 Recent progress in taming FOX-7 (1,1-diamino-2,2-dinitroethene). *RSC Advances*, **2016**, 6, 56271-56277 3.7 31
- 277 Asymmetric N,N'-ethylene-bridged azole-based compounds: Two way control of the energetic properties of compounds. *Journal of Materials Chemistry A*, **2016**, 4, 9931-9940 13 31

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147	Nitroamino Triazoles: Nitrogen-Rich Precursors of Stable Energetic Salts. <i>European Journal of Inorganic Chemistry</i> , <b>2008</b> , 2008, 2560-2568	2.3	59
146	Fluorine-Containing Ionic Liquids from N-Alkylpyrrolidine and N-Methylpiperidine and Fluorinated Acetylacetones: Low Melting Points and Low Viscosities. <i>European Journal of Inorganic Chemistry</i> , <b>2008</b> , 2008, 3353-3358	2.3	16
145	Energetic nitrogen-rich derivatives of 1,5-diaminotetrazole. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 6236-9	16.4	128
144	1-substituted 5-aminotetrazoles: syntheses from CNN3 with primary amines. <i>Organic Letters</i> , <b>2008</b> , 10, 4665-7	6.2	72
143	Structure and Properties of Substituted Imidazolium, Triazolium, and Tetrazolium Poly(1,2,4-triazolyl)borate Salts. <i>Organometallics</i> , <b>2007</b> , 26, 1782-1787	3.8	36
142	Nitrogen-Rich Heterocycles <b>2007</b> , 35-83		85
141	Trichlorotris(Tetrahydrofuran)-Molybdenum(III). <i>Inorganic Syntheses</i> , <b>2007</b> , 193-194		8
140	Bis(Trifluoromethyl)Cadmium.1,2-Dimethoxyethane. <i>Inorganic Syntheses</i> , <b>2007</b> , 55-58		3
139	[(Trimethylsilyl)Methyl]Lithium. <i>Inorganic Syntheses</i> , <b>2007</b> , 95-97		23
138	Cyclopentadienylthallium (Thallium Cyclopentadienide). <i>Inorganic Syntheses</i> , <b>2007</b> , 97-99		7
137	Tetrafluoroammonium Salts. <i>Inorganic Syntheses</i> , <b>2007</b> , 39-48		7
136	Carbonylchlorogold(I). <i>Inorganic Syntheses</i> , <b>2007</b> , 236-238		3
135	Titanium(II) Chloride. <i>Inorganic Syntheses</i> , <b>2007</b> , 181-182		4
134	Yellow Molybdenum(VI) Oxide Dihydrate. <i>Inorganic Syntheses</i> , <b>2007</b> , 191-192		1
133	Synthesis of pentafluorosulfanylpyrazole and pentafluorosulfanyl-1,2,3-triazole and their derivatives as energetic materials by click chemistry. <i>Organic Letters</i> , <b>2007</b> , 9, 3841-4	6.2	160

132	Bis(Trifluoromethyl)Mercury. <i>Inorganic Syntheses</i> , <b>2007</b> , 52-54	14
131	Sodium Carbonyl Ferrates, Na <sub>2</sub> [Fe(Co) <sub>4</sub> ], Na <sub>2</sub> [Fe <sub>2</sub> (Co) <sub>8</sub> ], and Na <sub>2</sub> [Fe <sub>3</sub> (Co) <sub>11</sub> ]. Bis[BNitridobis(Triphenylphosphorus)(1+)] Undecacarbonyltriferrate(2-), [(Ph <sub>3</sub> P) <sub>2</sub> N] <sub>2</sub> [Fe <sub>3</sub> (Co) <sub>11</sub> ]. <i>Inorganic Syntheses</i> , <b>2007</b> , 157-161	8
130	Dicarbonylbis(15-Cyclopentadienyl) Complexes of Titanium, Zirconium, and Hafnium. <i>Inorganic Syntheses</i> , <b>2007</b> , 147-157	12
129	Tellurium Chloride Pentafluoride. <i>Inorganic Syntheses</i> , <b>2007</b> , 31-33	1
128	Cesium Hexfluoromanganate(IV). <i>Inorganic Syntheses</i> , <b>2007</b> , 48-50	
127	Trifluoromethyl Hypochlorite and Perfluoro-Tert-Butyl Hypochlorite (2,2,2-Trifluoro-1,1-Bis(Trifluoromethyl)Ethyl Hypochlorite). <i>Inorganic Syntheses</i> , <b>2007</b> , 58-62	
126	Chloryl Fluoride. <i>Inorganic Syntheses</i> , <b>2007</b> , 3-6	15
125	Nitryl Hexafluoroarsenate. <i>Inorganic Syntheses</i> , <b>2007</b> , 69-72	
124	Silver Hexafluoroarsenate and Bis(Cyclo-Octasulfur)Silver(1+) Hexafluoroarsenate(1-). <i>Inorganic Syntheses</i> , <b>2007</b> , 72-76	5
123	Osmium(VI) Fluoride. <i>Inorganic Syntheses</i> , <b>2007</b> , 79-81	1
122	Ethylboronic Acid and Tetraethyldiboroxane/Triethylboroxin (3:1). <i>Inorganic Syntheses</i> , <b>2007</b> , 83-87	6
121	Indium(III) Iodide. <i>Inorganic Syntheses</i> , <b>2007</b> , 87-89	4
120	Bromobis[(Trimethylsilyl)Methyl]Aluminum. <i>Inorganic Syntheses</i> , <b>2007</b> , 94-95	1
119	Dialkyl [(N,N-Diethylcarbamoyl)Methyl]Phosphonates. <i>Inorganic Syntheses</i> , <b>2007</b> , 101-106	4
118	Bis[Bis(Trimethylsilyl)Methylene]-Chlorophosphorane. <i>Inorganic Syntheses</i> , <b>2007</b> , 117-120	0
117	N,N'-Dimethyl-N,N'-Bis(Trimethylsilyl)Urea. <i>Inorganic Syntheses</i> , <b>2007</b> , 120-121	2
116	1,3,5,7-Tetramethyl-1H,5H-[1,4,2,3]Diazadiphospholo-[2,3-B][1,4,2,3]Diazadiphosphole-2,6(3H,7H)-Dione and a Molybdenum Complex. <i>Inorganic Syntheses</i> , <b>2007</b> , 122-125	1
115	Sulfur Dicyanide. <i>Inorganic Syntheses</i> , <b>2007</b> , 125-126	2

114	Haloimidosulfurous Difluorides, XNSF <sub>2</sub> . <i>Inorganic Syntheses</i> , <b>2007</b> , 18-21	
113	Pentaammineiridium(III) and Hexaammineiridium(III) Complexes. <i>Inorganic Syntheses</i> , <b>2007</b> , 263-269	
112	Pentaammineplatinum(IV) Complexes. <i>Inorganic Syntheses</i> , <b>2007</b> , 277-279	2
111	Pentakis(Methnamine)-(Trifluoromethanesulfonato-O) Complexes of Chromium(III), Cobalt(III), and Rhodium(III). <i>Inorganic Syntheses</i> , <b>2007</b> , 279-282	2
110	Cis- and Trans-Bis(1,2-Ethanediamine)-Rhodium(III) Complexes. <i>Inorganic Syntheses</i> , <b>2007</b> , 283-287	1
109	Cis- and Trans-Bis(1,2-Ethanediamine)-Iridium(III) Complexes. <i>Inorganic Syntheses</i> , <b>2007</b> , 287-291	1
108	Ethene Complexes of Bis(Trialkylphosphine)Platinum(0). <i>Inorganic Syntheses</i> , <b>2007</b> , 213-216	4
107	Cis-Tetraammine and Cis-Bis (1,2-Ethanediamine) Complexes of Rhodium(III). <i>Inorganic Syntheses</i> , <b>2007</b> , 220-233	3
106	Platinum Microcrystals. <i>Inorganic Syntheses</i> , <b>2007</b> , 238-242	2
105	Index of Contributors. <i>Inorganic Syntheses</i> , <b>2007</b> , 309-316	
104	Sources of Chemicals and Equipment. <i>Inorganic Syntheses</i> , <b>2007</b> , 307-308	
103	Organic Superconducting Solids. <i>Inorganic Syntheses</i> , <b>2007</b> , 130-143	1
102	Pentaammine(Trifluoromethanesulfonato-O)-Chromium(III) Trifluoromethanesulfonate and Bis(1,2-Ethanediamine)-Bis(Trifluoromethanesulfonato-O) Chromium(III) Trifluoromethanesulfonate. <i>Inorganic Syntheses</i> , <b>2007</b> , 250-252	3
101	Potassium Tetrakis[Dihydrogen Diphosphito(2-)]Diplatinate(II). <i>Inorganic Syntheses</i> , <b>2007</b> , 211-213	5
100	β-Thio-Trisilver(1+) Nitrate. <i>Inorganic Syntheses</i> , <b>2007</b> , 234-236	
99	Tris(2,2,6,6-Tetramethyl-3,5-Heptanedionato)Chromium(III). <i>Inorganic Syntheses</i> , <b>2007</b> , 183-184	1
98	Tetraethylammonium [Carbonyl-1 <sup>12</sup> C]-2 <sup>13</sup> C-Decacarbonyl-1 <sup>13</sup> C,2 <sup>13</sup> C,3 <sup>14</sup> C-Hydrido-1 <sup>12</sup> C-Triangulo-Triruthenate(1-)] <i>Inorganic Syntheses</i> , <b>2007</b> , 168-169	8
97	Tetracarbonyl(12-Methyl Acrylate)Ruthenium. <i>Inorganic Syntheses</i> , <b>2007</b> , 176-180	13

96	Cis-Bis(1,2-Ethanediamine)Difluorochromium(III) Iodide. <i>Inorganic Syntheses</i> , <b>2007</b> , 185-187		
95	2,4,5-trinitroimidazole-based energetic salts. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 3853-60	4.8	102
94	Synthesis and Characterization of New Energetic Nitroformate Salts. <i>European Journal of Inorganic Chemistry</i> , <b>2007</b> , 2007, 2025-2030	2.3	52
93	Azolium Salts Functionalized with Cyanomethyl, Vinyl, or Propargyl Substituents and Dicyanamide, Dinitramide, Perchlorate and Nitrate Anions. <i>European Journal of Inorganic Chemistry</i> , <b>2007</b> , 2007, 4965-4972	2.3	41
92	Synthesis and Characterization of Pyrazolyl-Functionalized Imidazolium-Based Ionic Liquids and Hemilabile (Carbene)palladium(II) Complex Catalyzed Heck Reaction. <i>European Journal of Organic Chemistry</i> , <b>2007</b> , 2007, 655-661	3.2	38
91	Basic Ionic Liquids: Facile Solvents for Carbon-Carbon Bond Formation Reactions and Ready Access to Palladium Nanoparticles. <i>European Journal of Organic Chemistry</i> , <b>2007</b> , 2007, 5095-5100	3.2	71
90	Rapid and accurate estimation of densities of room-temperature ionic liquids and salts. <i>Journal of Physical Chemistry A</i> , <b>2007</b> , 111, 1456-61	2.8	332
89	Energetic Salts of 3-Nitro-1,2,4-triazole-5-one, 5-Nitroaminotetrazole, and Other Nitro-Substituted Azoles. <i>Chemistry of Materials</i> , <b>2007</b> , 19, 1731-1739	9.6	159
88	Computational Characterization of Energetic Salts. <i>Journal of Physical Chemistry C</i> , <b>2007</b> , 111, 10718-10738	3.8	167
87	Ferrocene-containing Liquid Crystalline Polymers. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , <b>2007</b> , 17, 19-36	3.2	20
86	Ammonium Pentafluoromanganate(III) and Potassium Pentafluoromanganate(III) Hydrate. <i>Inorganic Syntheses</i> , <b>2007</b> , 50-52		1
85	Dicarbonyl( $\eta$ -Cyclopentadienyl) (2-Methyl-1-Propenyl- $\eta$ C1)Iron and Dicarbonyl( $\eta$ -Cyclopentadienyl) ( $\eta$ -2-Methyl-1-Propene)Iron(1+) Tetrafluoroborate. <i>Inorganic Syntheses</i> , <b>2007</b> , 163-167		1
84	Sulfur Chloride Pentafluoride. <i>Inorganic Syntheses</i> , <b>2007</b> , 8-10		3
83	Introduction to Trifluoromethanesulfonates and Trifluoromethanesulfonato-O Complexes. <i>Inorganic Syntheses</i> , <b>2007</b> , 243-250		8
82	Cis-Bis(2,2'-Bipyridine-N,N') Complexes of Ruthenium(III)/(II) and Osmium(III)/(II). <i>Inorganic Syntheses</i> , <b>2007</b> , 291-299		39
81	(2,2'-Bipyridine-N,N')(2,2':6',2'-Terpyridine-N,N',N') Complexes of Ruthenium(III)/(II) and Osmium(III)/(II). <i>Inorganic Syntheses</i> , <b>2007</b> , 299-306		5
80	Triphenyl(Trichloromethyl)Phosphonium Chloride and (Dichloromethylene)Triphenylphosphorane. <i>Inorganic Syntheses</i> , <b>2007</b> , 107-109		4
79	Pentafluorooxotellurates(VI). <i>Inorganic Syntheses</i> , <b>2007</b> , 33-37		6

78	Methylmercury(II) Nitrate and Methylmercury (II) Trifluoroacetate. <i>Inorganic Syntheses</i> , <b>2007</b> , 143-146	1
77	Lithium Insertion Compounds. <i>Inorganic Syntheses</i> , <b>2007</b> , 200-206	1
76	Tetraisocyanatosilane. <i>Inorganic Syntheses</i> , <b>2007</b> , 99-101	2
75	Phenylimido Complexes of Tungsten and Rhenium. <i>Inorganic Syntheses</i> , <b>2007</b> , 194-200	3
74	Chromium Difluoride Dioxide (Chromyl Fluoride). <i>Inorganic Syntheses</i> , <b>2007</b> , 67-69	
73	Chlorine Fluorosulfate. <i>Inorganic Syntheses</i> , <b>2007</b> , 6-8	1
72	Tricarbonyl ( $\eta$ -Cyclopentadienyl)Iron(1+)Trifluoromethanesulfonate, $[\text{CpFe}(\text{CO})_3](\text{CF}_3\text{SO}_3)$ . <i>Inorganic Syntheses</i> , <b>2007</b> , 161-163	2
71	Tungsten Tetrafluoride Oxide. <i>Inorganic Syntheses</i> , <b>2007</b> , 37-38	5
70	Organic Intercalated Ionic Ferromagnets of Chromium(II): Bis(Alkylammonium) Tetrachlorochromate(II) Compounds. <i>Inorganic Syntheses</i> , <b>2007</b> , 188-190	1
69	Pentaammineosmium(III) and Hexaammineosmium(III) Complexes. <i>Inorganic Syntheses</i> , <b>2007</b> , 269-277	8
68	Chromium(V) Fluoride and Chromium(VI) Tetrafluoride Oxide. <i>Inorganic Syntheses</i> , <b>2007</b> , 124-127	
67	Chlorine Fluoride. <i>Inorganic Syntheses</i> , <b>2007</b> , 1-3	3
66	Selenium Tetrafluoride, Selenium Difluoride Oxide (Seleninyl Fluoride), and Xenon Bis[Pentafluorooxoselenate(VI)]. <i>Inorganic Syntheses</i> , <b>2007</b> , 27-31	6
65	Difluorophosphoranes, Diethyl Phosphorofluoridate, Fluorotriphenylmethane, and N-Fluorodimethylamine. <i>Inorganic Syntheses</i> , <b>2007</b> , 62-67	1
64	Methanetetraylbis(Phosphoranes) (Carbodiphosphoranes). <i>Inorganic Syntheses</i> , <b>2007</b> , 113-117	4
63	[Phenyl(Trimethylsilyl)Methylene]-Phosphinous Chloride [Chloro-[Phenyl(Trimethylsilyl)Methylene]Phosphine]. <i>Inorganic Syntheses</i> , <b>2007</b> , 110-113	3
62	$[\eta\text{-}1,5\text{-Cyclooctadiene}(\text{Pyridine})\text{-(Tricyclohexylphosphine)Iridium(I)Hexafluorophosphate}$ . <i>Inorganic Syntheses</i> , <b>2007</b> , 173-176	11
61	Bromo( $\eta$ -Cyclopentadienyl)-[1,2-Ethanediybis(Diphenylphosphine)]Iron and Bromo( $\eta$ -Cyclopentadienyl)-[1,2-Ethanediybis(Diphenylphosphine)]-Bis(Tetrahydrofuran)Ironmagnesium(Fe-Mg). <i>Inorganic Syntheses</i> , <b>2007</b> , 170-173	

60	Pentaammine(Trifluoromethanesulfonato-O)Rhodium(III) Trifluoromethanesulfonate, Pentaammineaqua rhodium(III) Perchlorate, and Hexaamminerhodium(III) Trifluoromethanesulfonate or Perchlorate. <i>Inorganic Syntheses</i> , <b>2007</b> , 253-256		
59	Tris[(Trimethylsilyl)Methyl]Indium. <i>Inorganic Syntheses</i> , <b>2007</b> , 89-91		4
58	Cesium Fluoroxysulfate (Cesium Fluorine Sulfate). <i>Inorganic Syntheses</i> , <b>2007</b> , 22-27		8
57	(Fluorocarbonyl)Imidosulfurous Difluoride. <i>Inorganic Syntheses</i> , <b>2007</b> , 10-12		4
56	Acyclic Sulfur Nitrogen Fluorine Compounds. <i>Inorganic Syntheses</i> , <b>2007</b> , 12-17		6
55	Tris[(Trimethylsilyl)Methyl]Aluminum. <i>Inorganic Syntheses</i> , <b>2007</b> , 92-93		3
54	Tribromosulfur(IV) Hexafluoroarsenate(V). <i>Inorganic Syntheses</i> , <b>2007</b> , 76-79		6
53	Energetic mono and dibasic 5-dinitromethyltetrazolates: synthesis, properties, and particle processing. <i>Journal of Materials Chemistry</i> , <b>2007</b> , 17, 3819		82
52	Dinitrogen Complexes of Iron(II) with (1,2-Ethanediyldinitrilo)Tetraacetate and Trans-(1,2-Cyclohexanediyldinitrilo)Tetraacetate. <i>Inorganic Syntheses</i> , <b>2007</b> , 207-211		1
51	Nitrosyl Hexachloroplatinate(IV). <i>Inorganic Syntheses</i> , <b>2007</b> , 217-220		1
50	Pentaammineruthenium(III), Pentaammineruthenium(II), and Binuclear Decaamminediruthenium(III)/(II) Complexes. <i>Inorganic Syntheses</i> , <b>2007</b> , 257-263		7
49	Strategies Toward Syntheses of Triazolyl- or Triazolium-Functionalized Unsymmetrical Energetic Salts. <i>Chemistry of Materials</i> , <b>2007</b> , 19, 144-152	9.6	35
48	Energetic nitrogen-rich salts and ionic liquids. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 3584-3601	16.1	654
47	Pentafluorosulfanyl (SF <sub>5</sub> ) Containing Energetic Salts. <i>European Journal of Inorganic Chemistry</i> , <b>2006</b> , 2006, 3221-3226	2.3	33
46	Energetic Nitrate, Perchlorate, Azide and Azolate Salts of Hexamethylenetetramine. <i>European Journal of Inorganic Chemistry</i> , <b>2006</b> , 2006, 2959-2965	2.3	54
45	Stickstoffreiche energetische Salze und ionische Flüssigkeiten. <i>Angewandte Chemie</i> , <b>2006</b> , 118, 3664-3682	3.6	149
44	Polyethylene glycol functionalized dicationic ionic liquids with alkyl or polyfluoroalkyl substituents as high temperature lubricants. <i>Journal of Materials Chemistry</i> , <b>2006</b> , 16, 1529		205
43	Supramolecular Networks Using Ferrocenyl Ditrizole and Diimidazole Bridges. <i>Organometallics</i> , <b>2006</b> , 25, 3364-3369	3.8	27

42	Energetic salts of substituted 1,2,4-triazolium and tetrazolium 3,5-dinitro-1,2,4-triazolates. <i>Journal of Materials Chemistry</i> , <b>2005</b> , 15, 3459		81
41	Energetic salts of azotetrazolate, iminobis(5-tetrazolate) and 5, 5'-bis(tetrazolate). <i>Chemical Communications</i> , <b>2005</b> , 2750-2	5.8	109
40	Low-Melting Dialkyl- and Bis(polyfluoroalkyl)-Substituted 1,1'-Methylenebis(imidazolium) and 1,1'-Methylenebis(1,2,4-triazolium) Bis(trifluoromethanesulfonyl)amides: Ionic Liquids Leading to Bis(N-heterocyclic carbene) Complexes of Palladium. <i>Organometallics</i> , <b>2005</b> , 24, 3020-3023	3.8	106
39	New Energetic Salts Based on Nitrogen-Containing Heterocycles. <i>Chemistry of Materials</i> , <b>2005</b> , 17, 191-198	5.8	205
38	Ionic Liquids with Fluorine-Containing Cations. <i>European Journal of Inorganic Chemistry</i> , <b>2005</b> , 2005, 2573-2580	3.3	87
37	Mono and Bridged Azolium Picrates as Energetic Salts. <i>European Journal of Inorganic Chemistry</i> , <b>2005</b> , 2005, 3760-3767	2.3	73
36	Synthesis of proton-ionizable acyclic, macrocyclic and macrobicyclic compounds containing one or two triazole groups. <i>Journal of Heterocyclic Chemistry</i> , <b>2005</b> , 42, 621-629	1.9	2
35	Main chain 1,1'-ferrocene-containing polyelectrolytes exhibiting thermotropic liquid-crystalline and fluorescent properties. <i>Journal of Polymer Science Part A</i> , <b>2005</b> , 43, 974-983	2.5	15
34	Energetic salts from N-aminoazoles. <i>Inorganic Chemistry</i> , <b>2004</b> , 43, 7972-7	5.1	121
33	Triazine-Based Polyfluorinated Triquatary Liquid Salts: Synthesis, Characterization, and Application as Solvents in Rhodium(I)-Catalyzed Hydroformylation of 1-Octene. <i>Organometallics</i> , <b>2004</b> , 23, 783-791	3.8	40
32	Synthesis of macrocyclic polyethers with partially fluorinated side arms. <i>Journal of Heterocyclic Chemistry</i> , <b>2003</b> , 40, 451-458	1.9	2
31	Preparation, Characterization, and Thermal and Surfactant Studies of Polyfluorinated Amphiphilic Carbosilane Dendrimers. <i>Macromolecules</i> , <b>2003</b> , 36, 8336-8345	5.5	22
30	Perfluoroalkylation of simple inorganic molecules: a one step route to novel perfluoroalkylated compounds. <i>Chemical Communications</i> , <b>2002</b> , 1818-9	5.8	37
29	Diketo compounds with (trifluoromethyl)trimethylsilane: double nucleophilic trifluoromethylation reactions. <i>Journal of Organic Chemistry</i> , <b>2001</b> , 66, 1436-40	4.2	24
28	Nucleophilic di- and tetrafluorination of dicarbonyl compounds. <i>Journal of Organic Chemistry</i> , <b>2001</b> , 66, 6263-7	4.2	64
27	The first application of Selectfluor <sup>TM</sup> in electrophilic fluorination of amines: a new route to NF <sub>2</sub> , NFH, and >NF compounds. <i>Chemical Communications</i> , <b>2001</b> , 1196-1197	5.8	19
26	Syntheses and experimental studies on the relative stabilities of spiro, ansa, and bridged derivatives of cyclic tetrameric fluorophosphazene. <i>Inorganic Chemistry</i> , <b>2001</b> , 40, 2120-6	5.1	18
25	Syntheses and reactions of the fluorinated cyclic thionylphosphazene NSO(Ar)[NPF(2)] <sub>2</sub> (Ar = 4-t-BuC(6)H(4)-) with difunctional reagents. <i>Inorganic Chemistry</i> , <b>2001</b> , 40, 2287-91	5.1	6

24	Concentration-dependent reactions of deoxofluor with arylglyoxal hydrates: a new route to polyfluoro ethers. <i>Organic Letters</i> , <b>2001</b> , 3, 2713-5	6.2	17
23	The first crystal and molecular structures of hydrated bis(n-perfluoroalkyl)phosphinic acids [H <sub>3</sub> O] <sup>+</sup> [(Rf) <sub>2</sub> PO <sub>2</sub> ] <sup>-</sup> [Rf = C <sub>6</sub> F <sub>13</sub> , C <sub>7</sub> F <sub>15</sub> or C <sub>8</sub> F <sub>17</sub> ]. <i>Dalton Transactions RSC</i> , <b>2000</b> , 4089-4092		5
22	One-Pot synthesis of N-protected amino trifluoromethyl ketones as hydrated hydrochloride salts via the CsF-catalyzed reactions of (Trifluoromethyl)trimethylsilane with N-protected amino esters. <i>Journal of Organic Chemistry</i> , <b>2000</b> , 65, 3241-3	4.2	23
21	A novel synthesis of hexakis(trifluoromethyl)cyclotriphosphazene. Single-crystal X-ray structures of N <sub>3</sub> P <sub>3</sub> (CF <sub>3</sub> ) <sub>6</sub> and N <sub>3</sub> P <sub>3</sub> F <sub>6</sub> . <i>Inorganic Chemistry</i> , <b>2000</b> , 39, 375-7	5.1	34
20	C <sub>6</sub> , C <sub>7</sub> , and C <sub>8</sub> perfluoroalkyl-substituted phosphinic acids. <i>Inorganic Chemistry</i> , <b>2000</b> , 39, 1787-9	5.1	3
19	Novel and versatile reactions of trifluoroamine oxide: a new route to polyfluorinated ethers. <i>Inorganic Chemistry</i> , <b>2000</b> , 39, 117-20	5.1	5
18	Difluoroorganometalate-Assisted Generation of Perfluorocarbanions from Trimethylsilyl Synthons and Their Interactions with Perfluoroaryl Compounds $\square$ <i>Organometallics</i> , <b>2000</b> , 19, 2664-2670	3.8	7
17	CsF-Catalyzed Nucleophilic Trifluoromethylation of trans-Enones with Trimethyl(trifluoromethyl)silane: A Facile Synthesis of trans- $\square$ Trifluoromethyl Allylic Alcohols. <i>Organic Letters</i> , <b>1999</b> , 1, 1047-1049	6.2	69
16	TBAF-Catalyzed Direct Nucleophilic Trifluoromethylation of $\square$ Keto Amides with Trimethyl(trifluoromethyl)silane. <i>Journal of Organic Chemistry</i> , <b>1999</b> , 64, 2579-2581	4.2	39
15	Synthesis of 4-fluororesorcinol and 4-trifluoromethylresorcinol. <i>Heteroatom Chemistry</i> , <b>1998</b> , 9, 229-239	1.2	6
14	Reactions of Dichloroperfluorocycloalkenes with Triazamacrocyclic Amines. <i>Inorganic Chemistry</i> , <b>1998</b> , 37, 5342-5345	5.1	4
13	Synthesis of Poly- and the First Perfluoroalkyl-N(SO <sub>2</sub> F) <sub>2</sub> Derivatives: Improved Methods for the Preparation of XN(SO <sub>2</sub> F) <sub>2</sub> (X = H, Cl) and Single-Crystal Diffraction Studies of HN(SO <sub>2</sub> Cl) <sub>2</sub> , HN(SO <sub>2</sub> F) <sub>2</sub> , and CF <sub>3</sub> CH <sub>2</sub> N(SO <sub>2</sub> F) <sub>2</sub> $\square$ <i>Inorganic Chemistry</i> , <b>1998</b> , 37, 6295-6303	5.1	15
12	Studies on the Reactivity of Tetrafluoro- and Pentafluorophenyl Trimethylsilyl Ether with Pentafluorobenzenes. Chemistry and X-ray Structural Investigations of Polyfluorodiphenyl Ethers $\square$ <i>Inorganic Chemistry</i> , <b>1997</b> , 36, 366-381	5.1	14
11	Synthesis and Chemistry of CF <sub>3</sub> C <sub>6</sub> F <sub>4</sub> OC <sub>6</sub> F <sub>4</sub> Group 14/16 Derivatives. <i>Inorganic Chemistry</i> , <b>1997</b> , 36, 5222-5230	5.2	3
10	Hexakis(trifluoromethyl)tetrazen. <i>Angewandte Chemie</i> , <b>1995</b> , 107, 645-647	3.6	6
9	Hexakis(trifluoromethyl)tetrazane. <i>Angewandte Chemie International Edition in English</i> , <b>1995</b> , 34, 586-588		17
8	Some highly fluorinated acyclic, cyclic, and polycyclic derivatives of Cl <sub>2</sub> NCF <sub>2</sub> CF <sub>2</sub> NCl <sub>2</sub> and Cl <sub>2</sub> C $\square$ NCCl <sub>2</sub> CCL <sub>2</sub> N $\square$ CCl <sub>2</sub> . <i>Heteroatom Chemistry</i> , <b>1990</b> , 1, 167-173	1.2	7
7	Simple Preparation of Dialkyl Polyfluoroalkyl Phosphonates. <i>Synthetic Communications</i> , <b>1987</b> , 17, 71-75	1.7	8

6	F-(TRI-tert-BUTOXY)PHOSPHINE AND F-(PENTA-tert-BUTOXY)PHOSPHORANE. <i>Phosphorous and Sulfur and the Related Elements</i> , <b>1980</b> , 8, 331-333		6
5	Tri- and Tetracoordinate Fluorosulfur(IV) and Pentacoordinate Fluorosulfur(VI) Compounds. <i>Israel Journal of Chemistry</i> , <b>1978</b> , 17, 1-10	3-4	6
4	A Convenient Synthesis of Trifluoromethane Thiol. <i>Synthetic Communications</i> , <b>1974</b> , 4, 233-235	1.7	5
3	Bridged and fused triazolic energetic frameworks with an azo building block towards thermally stable and applicable propellant ingredients. <i>Journal of Materials Chemistry A</i> ,	13	5
2	Nitrogen-centered radical reaction leading to energetic materials: a mild and efficient access to N-N bridged compounds. <i>Journal of Materials Chemistry A</i> ,	13	1
1	Disilyl Selenide (Disilaselenane). <i>Inorganic Syntheses</i> , 127-129		2