Jih Ru Hwu

List of Publications by Year
in descending order

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199 papers	4,835 citations	94433 37 h-index	144013 57 g-index
232 all docs	232 docs citations	232 times ranked	5262 citing authors

#	Article	IF	Citations
1	Structureâ^'Activity Relationship of New Anti-Hepatitis C Virus Agents: Heterobicycleâ^'Coumarin Conjugates. Journal of Medicinal Chemistry, 2009, 52, 1486-1490.	6.4	199
2	Targeted Paclitaxel by Conjugation to Iron Oxide and Gold Nanoparticles. Journal of the American Chemical Society, 2009, 131, 66-68.	13.7	177
3	Synthesis of new benzimidazoleâ€"coumarin conjugates as anti-hepatitis C virus agents. Antiviral Research, 2008, 77, 157-162.	4.1	176
4	Efficient one-flask synthesis of water-soluble [60]fullerenols. Tetrahedron, 1996, 52, 4963-4972.	1.9	160
5	Visible-light initiated copper(<scp>i</scp>)-catalysed oxidative Câ€"N coupling of anilines with terminal alkynes: one-step synthesis of Î±-ketoamides. Green Chemistry, 2015, 17, 1113-1119.	9.0	129
6	Coumarinâ^'Purine Ribofuranoside Conjugates as New Agents against Hepatitis C Virus. Journal of Medicinal Chemistry, 2011, 54, 2114-2126.	6.4	112
7	Suramin inhibits chikungunya virus replication through multiple mechanisms. Antiviral Research, 2015, 121, 39-46.	4.1	89
8	Antiviral Activities of Methylated Nordihydroguaiaretic Acids. 1. Synthesis, Structure Identification, and Inhibition of Tat-Regulated HIV Transactivation. Journal of Medicinal Chemistry, 1998, 41, 2994-3000.	6.4	83
9	Ceric ammonium nitrate in the deprotection of tert-butoxycarbonyl group. Tetrahedron Letters, 1996, 37, 2035-2038.	1.4	75
10	A novel oxidative desulfonylation. Facile conversion of sulfones to aldehydes or ketones. Journal of Organic Chemistry, 1983, 48, 4432-4433.	3.2	72
11	Facile Surface Functionalization of Nanodiamonds. Langmuir, 2010, 26, 3685-3689.	3.5	72
12	Silicon-Controlled Allylation of 1,3-Dioxo Compounds by Use of Allyltrimethylsilane and Ceric Ammonium Nitrate. Journal of Organic Chemistry, 1995, 60, 856-862.	3.2	70
13	Ceric Ammonium Nitrate on Silica Gel for Efficient and Selective Removal of Trityl and Silyl Groups. Journal of Organic Chemistry, 2000, 65, 5077-5088.	3.2	67
14	Microwave Arcing Induced Formation and Growth Mechanisms of Core/Shell Metal/Carbon Nanoparticles in Organic Solutions. Advanced Functional Materials, 2008, 18, 2048-2056.	14.9	66
15	Steric influence of the trimethylsilyl group in organic reactions. Chemical Reviews, 1989, 89, 1599-1615.	47.7	65
16	Aryneâ€Induced Novel Tandem 1,2â€Addition/(3+2) Cycloaddition to Generate Imidazolidines and Pyrrolidines. Angewandte Chemie - International Edition, 2015, 54, 9926-9930.	13.8	65
17	Copper(<scp>i</scp>)-catalysed oxidative Câ€"N coupling of 2-aminopyridine with terminal alkynes featuring a Cî€,C bond cleavage promoted by visible light. Chemical Communications, 2016, 52, 11756-11759.	4.1	63
18	Size-adjustable annular ring-functionalized mesoporous silica as effective and selective adsorbents for heavy metal ions. RSC Advances, 2013, 3, 25686.	3.6	62

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19	Antiviral Activities of Methylated Nordihydroguaiaretic Acids. 2. Targeting Herpes Simplex Virus Replication by the Mutation Insensitive Transcription Inhibitor Tetra-O-methyl-NDGA. Journal of Medicinal Chemistry, 1998, 41, 3001-3007.	6.4	61
20	Coumarins hinged directly on benzimidazoles and their ribofuranosides to inhibit hepatitis C virus. European Journal of Medicinal Chemistry, 2013, 63, 290-298.	5.5	61
21	General scope of 1,3-dioxolanation of .alpha.,.beta.-unsaturated aldehydes with 1,2-bis(trimethylsilyloxy)ethane and trimethylsilyl trifluoromethanesulfonate. Journal of Organic Chemistry, 1987, 52, 188-191.	3.2	60
22	The trimethylsilyl cationic species as a bulky proton. Application to chemoselective dioxolanation. Journal of Organic Chemistry, 1985, 50, 3946-3948.	3.2	59
23	Sodium Bis(trimethylsilyl)amide and Lithium Diisopropylamide in Deprotection of Alkyl Aryl Ethers:Â Î±-Effect of Silicon. Journal of Organic Chemistry, 1997, 62, 4097-4104.	3.2	53
24	Structural Bases of Norovirus RNA Dependent RNA Polymerase Inhibition by Novel Suramin-Related Compounds. PLoS ONE, 2014, 9, e91765.	2.5	53
25	New Benzo[b]furans as Electroluminescent Materials for Emitting Blue Light. Organic Letters, 2005, 7, 1545-1548.	4.6	52
26	Cytotoxicity of Postmodified Zeolitic Imidazolate Frameworkâ€90 (ZIFâ€90) Nanocrystals: Correlation between Functionality and Toxicity. Chemistry - A European Journal, 2016, 22, 2925-2929.	3.3	50
27	Counterattack reagents in organic reactions and in syntheses. Tetrahedron, 1989, 45, 1233-1261.	1.9	48
28	Water-Dissolvable Sodium Sulfate Nanowires as a Versatile Template for the Fabrication of Polyelectrolyte- and Metal-Based Nanotubes. Journal of the American Chemical Society, 2006, 128, 11606-11611.	13.7	48
29	Silicon-promoted ring contractions in the formation of carbocyclic spiro compounds. Total synthesis of (-)-solavetivone. Journal of Organic Chemistry, 1992, 57, 922-928.	3.2	47
30	Calcium in liquid ammonia for the reduction of benzyl ethers. Mechanistic clues derived from chemoselectivity studies. Journal of Organic Chemistry, 1986, 51, 4731-4733.	3.2	45
31	Chlorotrimethylsilane in combination with sodium sulfide as the equivalent of sodium trimethylsilanethiolate in organic reactions. Journal of Organic Chemistry, 1993, 58, 4742-4744.	3.2	44
32	Novel methods for the synthesis of functionalized indoles from arylhydroxylamines and activated acetylenes. Journal of Organic Chemistry, 1994, 59, 1577-1582.	3.2	44
33	A new method for nitration of alkenes to Î±,Î²-unsaturated nitroalkenes. Journal of the Chemical Society Chemical Communications, 1994, .	2.0	43
34	Ultrasonic Nitration of Allylsilanes by Use of Sodium Nitrite and Ceric Ammonium Nitrate. Organometallics, 1996, 15, 499-505.	2.3	42
35	Mono-deoxygenation of Nitroalkanes, Nitrones, and HeterocyclicN-Oxides by Hexamethyldisilane through 1,2-Elimination:Â Concept of â€œCounterattack Reagentâ€. Journal of Organic Chemistry, 1999, 64, 2211-2218.	3.2	42
36	Modularly Assembled Magnetite Nanoparticles Enhance in Vivo Targeting for Magnetic Resonance Cancer Imaging. Bioconjugate Chemistry, 2008, 19, 1972-1979.	3.6	42

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37	Biological Activity of Some Monocyclic- and Bicyclic β-Lactams with Specified Functional Groups. Mini-Reviews in Medicinal Chemistry, 2003, 3, 305-313.	2.4	41
38	Aminyl and iminyl radicals from arylhydrazones in the photo-induced DNA cleavage. Bioorganic and Medicinal Chemistry, 2004, 12, 2509-2515.	3.0	40
39	Direct total synthesis of traditional sterols by tricyclization of polyunsaturated cyclohexene oxides. Journal of the American Chemical Society, 1983, 105, 2490-2491.	13.7	38
40	Surfactant-Assisted Hollowing of Cu Nanoparticles Involving Halide-Induced Corrosionâ€“Oxidation Processes. Chemistry - A European Journal, 2006, 12, 3805-3810.	3.3	37
41	Benzouracilâ€“coumarinâ€“arene conjugates as inhibiting agents for chikungunya virus. Antiviral Research, 2015, 118, 103-109.	4.1	35
42	Reduction of aromatic nitro compounds to aromatic amines by sodium trimethylsilanethiolate. Journal of Organic Chemistry, 1992, 57, 5254-5255.	3.2	34
43	Design, Synthesis, and Structure-Activity Relationship of Novel Dinucleotide Analogs as Agents against Herpes and Human Immunodeficiency Viruses. Journal of Medicinal Chemistry, 1995, 38, 4648-4659.	6.4	34
44	Calcium Metal in Liquid Ammonia for Selective Reduction of Organic Compounds. Journal of Organic Chemistry, 1996, 61, 1493-1499.	3.2	34
45	Counterattack reagents sodium trimethylsilanethiolate and hexamethyldisilathiane in the bis-O-demethylation of aryl methyl ethers. Journal of Organic Chemistry, 1990, 55, 5987-5991.	3.2	33
46	Aqueous nickel-nitrilotriacetate modified Fe3O4â€“NH3+nanoparticles for protein purification and cell targeting. Nanotechnology, 2006, 17, 4174-4182.	2.6	33
47	Design, Synthesis, and Photodegradation of Silicon-Containing Polyureas. Chemistry - A European Journal, 2005, 11, 3805-3815.	3.3	32
48	New nordihydroguaiaretic acid derivatives as anti-HIV agents. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 1884-1888.	2.2	32
49	Carbene chemistry. Stereoselective synthesis of haloalkenes. Tetrahedron Letters, 1983, 24, 565-568.	1.4	31
50	Silicon-promoted Nef reaction by a .gamma.-effect. Journal of the American Chemical Society, 1991, 113, 5917-5918.	13.7	31
51	Synthesis and application of tertiary allylic nitro compounds. Journal of Organic Chemistry, 1990, 55, 511-516.	3.2	30
52	Thermal- and photo-induced transformations of N-aryl-N-nitrosohydroxylamine ammonium salts to azoxy compounds. Tetrahedron Letters, 1997, 38, 9001-9004.	1.4	30
53	Counterattack reagents: Thiosilanes in the conversion of nitro compounds to thiohydroxamic acids and thiohydroximates. Tetrahedron, 1990, 46, 7413-7428.	1.9	27
54	New Coordination Modes of an Oxime Ligand in a Triosmium Cluster. Stabilization by Intra- and Intermolecular Câ^'HÂ·Â·Â·O Hydrogen Bonds. Organometallics, 2000, 19, 714-717.	2.3	27

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55	Chikungunya virus inhibition by synthetic coumarinâ€“guanosine conjugates. European Journal of Medicinal Chemistry, 2019, 166, 136-143.	5.5	27
56	Oxy-sulfonylation of terminal alkynes via Câ€“S coupling enabled by copper photoredox catalysis. Green Chemistry, 2021, 23, 3569-3574.	9.0	27
57	New detritylation method for nucleosides and nucleotides by ceric ammonium nitrate. Chemical Communications, 1996, , 545.	4.1	26
58	Amination of Buckminsterfullerene C60at Low Temperature: Application in Polyamide Synthesis. Fullerenes, Nanotubes, and Carbon Nanostructures, 1996, 4, 407-422.	0.6	26
59	1,2-Eliminations in a Novel Reductive Coupling of Nitroarenes to Give Azoxy Arenes by Sodium Bis(trimethylsilyl)amide. Organic Letters, 2005, 7, 3211-3214.	4.6	26
60	Contributions of cationâ€“Ï€ interactions to the collagen triple helix stability. Archives of Biochemistry and Biophysics, 2011, 508, 46-53.	3.0	26
61	New method for the selective reduction of amides. Journal of the Chemical Society Perkin Transactions 1, 1990, , 757.	0.9	25
62	Novel and versatile strategy for the synthesis of prostanoids in the E, F, H, and I series. Journal of the American Chemical Society, 1992, 114, 3125-3126.	13.7	25
63	Synthesis of anti-HIV lithospermic acid by two diverse strategies. Organic and Biomolecular Chemistry, 2012, 10, 5456.	2.8	25
64	Synthesis and Biological Evaluation of Purine-Containing Butenolides. Journal of Medicinal Chemistry, 2001, 44, 1749-1757.	6.4	24
65	Oxime esters of anthraquinone as photo-induced DNA-cleaving agents for single- and double-strand scissions. Tetrahedron Letters, 2003, 44, 2957-2960.	1.4	24
66	Synthesis and Structure-Activity Relationships of Imidazole-Coumarin Conjugates against Hepatitis C Virus. Molecules, 2016, 21, 228.	3.8	24
67	Silicon-directed decarbonylation of trimethylsilyl .beta.,.gamma.-enals by photolysis. Journal of the American Chemical Society, 1989, 111, 8834-8841.	13.7	23
68	Di- and Trinuclear Ruthenium and Osmium Bis(2-pyridyl) Ketone Oximate Derivatives. European Journal of Inorganic Chemistry, 2003, 2003, 4159-4165.	2.0	22
69	Stereospecific Benzyneâ€Induced Olefination from Î²â€Amino Alcohols and Its Application to the Total Synthesis of (â^')â€1â€Deoxyâ€<scp>D</scp>â€fructose. Chemistry - A European Journal, 2011, 17, 4727-4731.	3.3	22
70	Glycosylated nordihydroguaiaretic acids as anti-cancer agents. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 380-382.	2.2	22
71	Novel antiviral agent tetraglycylated nordihydroguaiaretic acid hydrochloride as a host-dependent viral inhibitor. Antiviral Research, 2003, 58, 57-64.	4.1	21
72	Sodium Bis(trimethylsilyl)amide in the Oxidative Conversion of Aldehydes to Nitriles. European Journal of Organic Chemistry, 2006, 2006, 2513-2516.	2.4	21

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73	Novel Osmium N-Oxide Complexes from the Reaction of Triosmium Clusters with 1-Hydroxybenzotriazole. Organometallics, 1994, 13, 3170-3176.	2.3	20
74	Silicon-Promoted Carbon-Carbon Bond Formation between Ketones and Allyl- or Vinylsilanes Catalyzed by Manganese(IV) Dioxide. Journal of Organic Chemistry, 1995, 60, 2448-2455.	3.2	20
75	Photo-induced DNA cleavage by (heterocyclo)carbonyl oxime esters of anthraquinone. Tetrahedron Letters, 2008, 49, 3312-3315.	1.4	20
76	Counterattack reagent hexamethyldisilane in the direct conversion of aldehydes, ketones, and allyl alcohols to allyltrimethylsilanes. Journal of the American Chemical Society, 1988, 110, 7252-7254.	13.7	19
77	Fine tuning of blue photoluminescence from indoles for device fabrication. Journal of Materials Chemistry, 2009, 19, 3084.	6.7	19
78	Bis(benzofuranâ€“thiazolidinone)s and bis(benzofuranâ€“thiazinanone)s as inhibiting agents for chikungunya virus. Antiviral Research, 2017, 146, 96-101.	4.1	19
79	Sodium trimethylsilanethiolate in novel cyclizations for synthesis of aromatic heterotricyclic compounds. Tetrahedron Letters, 1994, 35, 3545-3546.	1.4	18
80	Siteâ€Selective Protein Immobilization through 2â€Cyanobenzothiazoleâ€Cysteine Condensation. ChemBioChem, 2014, 15, 829-835.	2.6	18
81	Counterattack reagents:hexamethyldisilane and 1,2-dimethyl-1,1,2,2-tetraphenyldisilane in the synthesis of polysilylated hydrazines. Tetrahedron, 1988, 44, 4181-4196.	1.9	17
82	Recent Developments of Compounds Containing the Nitrogen-Oxygen Moiety in Organic Synthesis. Synlett, 1998, 1998, 939-949.	1.8	17
83	Relationship Between Structure of Conjugated Oxime Esters and Their Ability to Cleave DNA. Bioconjugate Chemistry, 2013, 24, 1778-1783.	3.6	17
84	Domino Reaction for the Synthesis of Polysubstituted Pyrroles and Lamellarin R. Journal of Organic Chemistry, 2020, 85, 9835-9843.	3.2	16
85	The zwitterion-accelerated [3,3]-sigmatropic rearrangement of allyl vinyl sulfoxided to sulfines. A specific class of charge-accelerated rearrangement. Tetrahedron Letters, 1986, 27, 4965-4968.	1.4	15
86	Silicon-directed Norrish type I cleavage of Î²-trimethylsilyl cycloalkanones. Journal of the Chemical Society Chemical Communications, 1990, , 161-163.	2.0	15
87	Reactions of 1-Hydroxypyridine-2-thione with Triosmium Clusters. Preparation and Transformation of N-Oxide-Containing Osmium Complexes. Organometallics, 1996, 15, 5605-5612.	2.3	15
88	Sodium Bis(trimethylsilyl)amide in the "One-Flask" Transformation of Aromatic Esters to Nitriles. Synthesis, 1998, 1998, 329-332.	2.3	15
89	Î²-Effects of Silicon in Directing Fragmentation of Î²-Silylcycloalkanone Radical Cations. Journal of the American Chemical Society, 2000, 122, 5899-5900.	13.7	15
90	Cephalosporin 3â€˜-Phloroglucide Esters and 7-(Phloroglucidamido)cephalosporins as Novel Antibacterial Agents. Journal of Medicinal Chemistry, 1997, 40, 3434-3441.	6.4	14

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91	Novel Arylhydrazone-Conjugated Gold Nanoparticles with DNA-Cleaving Ability: The First DNA-Nicking Nanomaterial. Bioconjugate Chemistry, 2007, 18, 1709-1712.	3.6	14
92	Design and synthesis of pyridine-pyrazole-sulfonate derivatives as potential anti-HBV agents. MedChemComm, 2016, 7, 832-836.	3.4	14
93	Applications of Multi-Target Computer-Aided Methodologies in Molecular Design of CNS Drugs. Current Medicinal Chemistry, 2019, 25, 5293-5314.	2.4	14
94	A novel mechanism for the conversion of Î±-cyclopropylbenzyl alcohol into Î³-trimethylsilylbutyrophenone. Journal of the Chemical Society Chemical Communications, 1985, , 452-453.	2.0	13
95	Efficient functional group transformations on a cyclic nitroalkene system. Journal of the Chemical Society Chemical Communications, 1987, , 427.	2.0	13
96	Syntheses of Novel Isopenam and Isocephem Antibiotics. Preparation of a retinamido derivative of a highly strained ?-lactam as potent anticancer agent. Helvetica Chimica Acta, 1992, 75, 1840-1847.	1.6	13
97	Concept of Counterattack Reagents: Intramolecular Counterattack Strategy in the Synthesis of Biologically Active Isopenams. Chemistry - A European Journal, 1999, 5, 2705-2711.	3.3	13
98	A Novel Approach towards Studying Non-Genotoxic Enediynes as Potential Anticancer Therapeutics. Bioorganic and Medicinal Chemistry, 2002, 10, 1321-1328.	3.0	13
99	Efficient photolytic esterification of carboxylic acids with alcohols in perhalogenated methane. Tetrahedron Letters, 2004, 45, 5151-5154.	1.4	13
100	Chlorotrimethylsilane, hexamethyldisilane, and 1,2-dimethyl-1,1,2,2-tetraphenyldisilane as oxidizing agents in the conversion of hydrazines to 2-tetrazenes. Trimethylsilyl anion as a leaving group. Journal of Organic Chemistry, 1989, 54, 1070-1073.	3.2	12
101	N-methyl-N,O-bis(trimethylsilyl)hydroxylamine: preparation, properties, and utilization. Journal of the Chemical Society Perkin Transactions 1, 1989, , 1823.	0.9	12
102	Comparison of the electronic effect and the steric influence between the 1,1,2,2,2-pentamethyldisilanyl and the trimethylsilyl groups. Journal of Organometallic Chemistry, 1993, 453, 21-28.	1.8	12
103	Demethylation of Methoxypyridines with Sodium Trimethylsilanethiolate. Heterocycles, 1993, 36, 323.	0.7	12
104	Practical Method for the Preparation of Nitrate Esters. Synthesis, 1994, 1994, 471-473.	2.3	12
105	Recent Development of Novel Organic Reactions Controlled by Silicon. Synlett, 1995, 1995, 989-996.	1.8	12
106	Os(CO)2(Î·2-SC5H4N(O))(Î·2-SC5H4N): structural evidence for the transformation of pyridine-2-thione N-oxide to pyridine-2-thiolate in osmium complexes. Journal of Organometallic Chemistry, 2005, 690, 441-449.	1.8	12
107	Oxime Esters of 2,6-Diazaanthracene-9,10-dione and 4,5-Diazafluoren-9-one as Photo-induced DNA-Cleaving Agents. Molecules, 2012, 17, 3370-3382.	3.8	12
108	Siliconâ€induced Phenanthrene Formation from Benzynes and Allenylsilanes. Chemistry - A European Journal, 2013, 19, 6556-6560.	3.3	12

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109	Syntheses of Chroman-2-ones and Î±-Amino Acids through a Diastereoselective Domino Reaction. Journal of Organic Chemistry, 2017, 82, 5524-5537.	3.2	12
110	Synthesis of an Sâ€Linked Î±(2â†'8) GD3 Antigen and Evaluation of the Immunogenicity of Its Glycoconjugate. Chemistry - A European Journal, 2017, 23, 6876-6887.	3.3	12
111	Boron-rich, cytocompatible block copolymer nanoparticles by polymerization-induced self-assembly. Polymer Chemistry, 2021, 12, 50-56.	3.9	12
112	Approaches to the preparation of silyl cations. Journal of Organic Chemistry, 1991, 56, 471-475.	3.2	11
113	Silicon-Induced Ene-Type Reaction in the Thermal Conversion of Enolates to Î²-Silyl Enones with Molecular Dioxygen. Organic Letters, 2008, 10, 1913-1916.	4.6	11
114	Photochemical Activities of Nâ€Nitroso Carboxamides and Sulfoximides and Their Application to DNA Cleavage. Chemistry - A European Journal, 2009, 15, 8742-8750.	3.3	11
115	Ceramic materials and energyâ€"Extended Cobleâ€™s model and fractal nature. Journal of the European Ceramic Society, 2019, 39, 3513-3525.	5.7	11
116	Synthesis and antiviral activities of quinazolinamineâ€“coumarin conjugates toward chikungunya and hepatitis C viruses. European Journal of Medicinal Chemistry, 2022, 232, 114164.	5.5	11
117	An Expedient Preparation oft-Butyldimethylsilyl Cyanide. Synthesis, 1984, 1984, 1020-1021.	2.3	10
118	Counterattack reagent bis(trimethylsilyl)acetamide in the disilylation of diols. Chemische Berichte, 1990, 123, 1667-1671.	0.2	10
119	One-Flask Synthesis of Propargylic Alcohols from Organolithium Reagents,N,N-Disubstituted Amides, and Acetylenes. Angewandte Chemie International Edition in English, 1993, 32, 608-610.	4.4	10
120	Direct synthesis of diallyl sulfides from allyl alcohols and hexamethyldisilathiane. Tetrahedron, 1993, 49, 8969-8976.	1.9	10
121	Novel double functional group transformation: â€˜one-flaskâ€™ conversion of 1-nitrocycloalkenes to terminally unsaturated nitriles. Journal of the Chemical Society Chemical Communications, 1993, , 669-670.	2.0	10
122	Influence of Î²-silyl groups in cycloalkanones on the norrish type I and type II cleavages. Journal of the Chemical Society Chemical Communications, 1995, , 299-300.	2.0	10
123	New transformations of 2-nitro-2,3-dihydrofurans to multi-functionalized dihydrofurans. Tetrahedron Letters, 2003, 44, 3167-3169.	1.4	10
124	Mechanistic studies in the deoxygenation of pyridine N-oxide: new 1,2 elimination. Journal of Organic Chemistry, 1985, 50, 400-402.	3.2	9
125	A new approach to prostanoid synthesis: a model study. Journal of the Chemical Society Chemical Communications, 1986, , 704.	2.0	9
126	Investigation of 1,4-elimination reactions of Î³-trimethylsilyl alcohols via ionic and radical processes. Journal of Organometallic Chemistry, 1987, 332, 53-61.	1.8	9

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127	Double Michael addition in the synthesis of tertiary allylic nitro compounds. Journal of the Chemical Society Perkin Transactions 1, 1989, , 1694.	0.9	9
128	N-arylalkyl-N-phenylhydroxylamines as novel photo-induced DNA-cleaving agents. Journal of the Chemical Society Chemical Communications, 1994, , 1427.	2.0	9
129	Counterattack reagents in organic synthesis: versatility and efficiency. Chemical Communications, 1998, , 161-168.	4.1	9
130	Synthesis, crystal structure and aquation kinetics of cobalt(III) complex of N-substituted tetra-aza macrocycle: C-rac-1,5,8,12-tetramethyl-1,4,8,11-tetra-azacyclotetradecane. Inorganica Chimica Acta, 1999, 285, 107-115.	2.4	9
131	Syntheses of Platinumâ€“Sulindac Complexes and Their Nanoparticles as Targeted Anticancer Drugs. Chemistry - A European Journal, 2016, 22, 1926-1930.	3.3	9
132	Alkoxylation, Thiolation And Hydrazination of Î±,Î²-Unsaturated Nitro Olefins Under Aprotic Conditions. Synthetic Communications, 1988, 18, 21-27.	2.1	8
133	Interconversions among .alpha.-(Trimethylsilyl)alkoxides, .alpha.-Trimethylsiloxy Carbanions, and Carbonyl Compounds Accompanied by the Trimethylsilyl Anion. Organometallics, 1994, 13, 2461-2466.	2.3	8
134	Electronic and steric effects of various silyl groups in radical addition reactions. Tetrahedron Letters, 1998, 39, 3721-3724.	1.4	8
135	Syntheses of New Isodethiaazacephems as Potent Antibacterial Agents. Journal of Medicinal Chemistry, 1998, 41, 4681-4685.	6.4	8
136	Different roles of trifluoromethanesulfonyl chloride in the construction of heterocycles fused with Î²-lactams. Tetrahedron, 1999, 55, 8039-8044.	1.9	8
137	Self-Sensitized Photooxygenation of 3,4-Dialkoxyfurans to Vitamin C or Its Derivatives. Journal of Organic Chemistry, 2001, 66, 7067-7071.	3.2	8
138	New Triruthenium Clusters as Photoinduced DNA-binding and Cleaving AgentsÂ¶. Photochemistry and Photobiology, 2002, 75, 457.	2.5	8
139	Silicon-directed decarbonylation of trans-(trimethylsilyl)formyloctalins. Journal of the American Chemical Society, 1989, 111, 8842-8849.	13.7	7
140	Selectivity of the bulky proton-containing reagent N-methyl-N,O-bis(trimethylsilyl)hydroxylamine in the formation of nitrones.. Journal of Organometallic Chemistry, 1990, 399, C13-C17.	1.8	7
141	Silicon-controlled oxidation of enol acetates to enones by electrochemical method. Tetrahedron Letters, 1995, 36, 4093-4096.	1.4	7
142	Silicon-controlled Carbon-Carbon Bond Formation and Cyclization between Carbonyl Compounds and Allyltrimethylsilane. Applied Organometallic Chemistry, 1997, 11, 381-391.	3.5	7
143	Î²-Destabilizing Effect of Silicon in Regioselective Hydroxymethylation of Î²-Silylcycloalkanone Enol Acetates by Electrochemical Method. Journal of the American Chemical Society, 2001, 123, 5104-5105.	13.7	7
144	Photochemical cleavage of single- and double-stranded oligonucleotides by 3-(p-tolylamino)-1,5-azulenequinone. Tetrahedron Letters, 2001, 42, 5733-5735.	1.4	7

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145	Synthesis and immunofluorescence assay of a new biotinylated paclitaxel. European Journal of Medicinal Chemistry, 2002, 37, 349-353.	5.5	7
146	The down regulation of target genes by photo activated DNA nanoscissors. Biomaterials, 2010, 31, 6545-6554.	11.4	7
147	Rapid and Selective Labeling of Endogenous Transmembrane Proteins in Living Cells with a Difluorophenyl Ester Affinityâ€Based Probe. Chemistry - an Asian Journal, 2020, 15, 3416-3420.	3.3	7
148	Ceric ammonium nitrate impregnated on silica gel in the removal of the tert-butoxycarbonyl group. Arkivoc, 2003, 2002, 28-36.	0.5	7
149	Functionalized five-membered rings from acyclic unsaturated Î²-ketoester systems. Journal of the Chemical Society Chemical Communications, 1983, , 62-63.	2.0	6
150	Single-strand cleavage of DNA with site-specificity by photolysis of azulenequinones. Bioorganic and Medicinal Chemistry Letters, 1997, 7, 975-978.	2.2	6
151	Different coordination modes of 3-hydroxy-1,2,3-benzotriazin-4(3H)-one: Molecular structures of (Î¼-H)OS3(CO)10(Î¼2-(2,3-Î·2)-(O)NNNC7H4O) and (Î¼-H)Ru3(CO)10(Î¼2-(1,2-Î·2)-NNN(O)C7H4O). Journal of Organometallic Chemistry, 1997, 549, 155-161.	1.8	6
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