Michelangelo Gruttadauria

List of Publications by Year in Descending Order

155 papers	4,835 citations	35 h-index	64 g-index
217 ext. papers	5,291 ext. citations	5 avg, IF	5.66 L-index

#	Paper	IF	Citations
155	Low Angle Bending Detection Semi-transparent Piezoresistive Sensor. *Lecture Notes in Electrical Engineering*, **2023**, 233-238	0.2	1
154	White light emitting silsesquioxane based materials: the importance of a ligand with rigid and directional arms. *Materials Advances*, **2022**, 3, 570-578	3.3	1
153	Carbon nanotube supported aluminum porphyrin-imidazolium bromide crosslinked copolymer: A synergistic bifunctional catalyst for CO2 conversion. *Journal of CO2 Utilization*, **2022**, 57, 101884	7.6	0
152	Site-specific halloysite functionalization by polydopamine: A new synthetic route for potential near infrared-activated delivery system. *Journal of Colloid and Interface Science*, **2022**, 606, 1779-1791	9.3	3
151	TiO/AgO immobilized on cellulose paper: A new floating system for enhanced photocatalytic and antibacterial activities. *Environmental Research*, **2021**, 198, 111257	7.9	8
150	Paper Functionalized with Nanostructured TiO/AgBr: Photocatalytic Degradation of 2-Propanol under Solar Light Irradiation and Antibacterial Activity. *Nanomaterials*, **2020**, 10,	5.4	12
149	Reconsidering TOF calculation in the transformation of epoxides and CO2 into cyclic carbonates. *Journal of CO2 Utilization*, **2020**, 38, 132-140	7.6	11
148	Modified Nanocarbons as Catalysts in Organic Processes **2020**, 77-113		0
147	Tuneable Emission of Polyhedral Oligomeric Silsesquioxane Based Nanostructures that Self-Assemble in the Presence of Europium(III) Ions: Reversible trans-to-cis Isomerization. *ChemPlusChem*, **2020**, 85, 391-398	2.8	4
146	Straightforward preparation of highly loaded MWCNT□polyamine hybrids and their application in catalysis. *Nanoscale Advances*, **2020**, 2, 4199-4211	5.1	2
145	New Mussel Inspired Polydopamine-Like Silica-Based Material for Dye Adsorption. *Nanomaterials*, **2020**, 10,	5.4	2
144	Bending Sensors Based on Thin Films of Semitransparent Bithiophene-Fulleropyrrolidine Bisadducts. *ChemPlusChem*, **2020**, 85, 2455-2464	2.8	1
143	POSS nanostructures in catalysis. *Catalysis Science and Technology*, **2020**, 10, 7415-7447	5.5	14
142	Efficient Conversion of Carbon Dioxide by Imidazolium-Based Cross-Linked Nanostructures Containing Polyhedral Oligomeric Silsesquioxane (POSS) Building Blocks. *ChemPlusChem*, **2019**, 84, 1536-1543	2.8	5
141	Templating effect of carbon nanoforms on highly cross-linked imidazolium network: Catalytic activity of the resulting hybrids with Pd nanoparticles. *Applied Organometallic Chemistry*, **2019**, 33, e4848	3.1	9
140	Modified Nanocarbons for Catalysis. *ChemCatChem*, **2019**, 11, 90-133	5.2	42
139	SBA-15/POSS-Imidazolium Hybrid as Catalytic Nanoreactor: the role of the Support in the Stabilization of Palladium Species for C□C Cross Coupling Reactions.. *Advanced Synthesis and Catalysis*, **2019**, 361, 3758-3767	5.6	9

138	Effect of halloysite nanotubes filler on polydopamine properties. *Journal of Colloid and Interface Science*, **2019**, 555, 394-402	9.3	15
137	Supported Polyhedral Oligomeric Silsesquioxane-Based (POSS) Materials as Highly Active Organocatalysts for the Conversion of CO2. *ChemCatChem*, **2019**, 11, 560-567	5.2	35
136	Cross-Linked Polyamine from Imidazolium-Based Materials: A Simple Route to Useful Catalytic Materials. *European Journal of Organic Chemistry*, **2018**, 2018, 1352-1358	3.2	6
135	Paper-TiO2 composite: An effective photocatalyst for 2-propanol degradation in gas phase. *Journal of Photochemistry and Photobiology A: Chemistry*, **2018**, 350, 142-151	4.7	15
134	Enhanced power-conversion efficiency in organic solar cells incorporating copolymeric phase-separation modulators. *Journal of Materials Chemistry A*, **2018**, 6, 3884-3894	13	20
133	Supported Ionic Liquids: A Versatile and Useful Class of Materials. *Chemical Record*, **2017**, 17, 918-938	6.6	40
132	Imidazolium-Functionalized Carbon Nanohorns for the Conversion of Carbon Dioxide: Unprecedented Increase of Catalytic Activity after Recycling. *ChemSusChem*, **2017**, 10, 1202-1209	8.3	38
131	Imidazolium functionalized carbon nanotubes for the synthesis of cyclic carbonates: reducing the gap between homogeneous and heterogeneous catalysis. *Catalysis Science and Technology*, **2016**, 6, 8418-8427	5.5	29
130	Supported C60-IL-PdNPs as extremely active nanocatalysts for C□C cross-coupling reactions. *Journal of Materials Chemistry A*, **2016**, 4, 17193-17206	13	22
129	Highly Loaded Multi-Walled Carbon Nanotubes Non-Covalently Modified with a Bis-Imidazolium Salt and their Use as Catalyst Supports. *ChemPlusChem*, **2016**, 81, 471-476	2.8	13
128	Single-Walled Carbon Nanotube-Polyamidoamine Dendrimer Hybrids for Heterogeneous Catalysis. *ACS Nano*, **2016**, 10, 4627-36	16.7	87
127	Advances in Organic and Organic-Inorganic Hybrid Polymeric Supports for Catalytic Applications. *Molecules*, **2016**, 21,	4.8	22
126	Proximity Effect using a Nanocage Structure: Polyhedral Oligomeric Silsesquioxane-Imidazolium Tetrachloro- palladate Salt as a Precatalyst for the Suzuki□Miyaura Reaction in Water. *ChemCatChem*, **2016**, 8, 1685-1691	5.2	27
125	Covalently Supported Ionic Liquid Phases: An Advanced Class of Recyclable Catalytic Systems. *ChemCatChem*, **2016**, 8, 664-684	5.2	86
124	DNA-Binding and Anticancer Activity of Pyrene-Imidazolium Derivatives. *ChemistrySelect*, **2016**, 1, 6755-6761	1.8	5
123	Hybrid paper□TiO2 coupled with a Cu2O heterojunction: an efficient photocatalyst under sun-light irradiation. *RSC Advances*, **2016**, 6, 86918-86929	3.7	12
122	Sustainable Approach to Waste-Minimized Sonogashira Cross-Coupling Reaction Based on Recoverable/Reusable Heterogeneous Catalytic/Base System and Acetonitrile Azeotrope. *ACS Sustainable Chemistry and Engineering*, **2016**, 4, 7209-7216	8.3	36
121	Chemical modification of carbon nanomaterials (SWCNTs, DWCNTs, MWCNTs and SWCNHs) with diphenyl dichalcogenides. *Nanoscale*, **2015**, 7, 6007-13	7.7	13

120	Thiazolium-Based Catalysts for the Etherification of Benzylic Alcohols under Solvent-Free Conditions. *Advanced Synthesis and Catalysis*, **2015**, 357, 800-810	5.6	11
119	A polyhedral oligomeric silsesquioxane-based catalyst for the efficient synthesis of cyclic carbonates. *Catalysis Science and Technology*, **2015**, 5, 5000-5007	5.5	36
118	Catalytic Synergism in a C60IL10TEMPO2 Hybrid in the Efficient Oxidation of Alcohols. *Advanced Synthesis and Catalysis*, **2015**, 357, 51-58	5.6	29
117	Cross-Linked Thiazolidine Network as Support for Palladium: A New Catalyst for Suzuki and Heck Reactions. *ChemCatChem*, **2015**, 7, 2526-2533	5.2	29
116	A Simple Procedure for the Oxidation of Alcohols Using [Bis(acetoxy)iodo]benzene and a Catalytic Amount of Bromide Ions in Ethyl Acetate. *Synlett*, **2015**, 26, 1179-1184	2.2	12
115	Fullerene-ionic-liquid conjugates: a new class of hybrid materials with unprecedented properties. *Chemistry - A European Journal*, **2015**, 21, 3327-34	4.8	36
114	Cross-Linked Imidazolium Salts as Scavengers for Palladium. *ChemPlusChem*, **2014**, 79, 421-426	2.8	10
113	Recyclable Heterogeneous and Low-Loading Homogeneous Chiral Imidazolidinone Catalysts for Alkylation of Aldehydes. *ChemPlusChem*, **2014**, 79, 857-862	2.8	12
112	Synthesis and high-throughput testing of multilayered supported ionic liquid catalysts for the conversion of CO2 and epoxides into cyclic carbonates. *Catalysis Science and Technology*, **2014**, 4, 1598-1607	5.5	74
111	An E-Factor Minimized Protocol for a Sustainable and Efficient Heck Reaction in Flow. *ACS Sustainable Chemistry and Engineering*, **2014**, 2, 2813-2819	8.3	49
110	Green conditions for the Suzuki reaction using microwave irradiation and a new HNT-supported ionic liquid-like phase (HNT-SILLP) catalyst. *Applied Organometallic Chemistry*, **2014**, 28, 234-238	3.1	41
109	Evidences of release and catch mechanism in the Heck reaction catalyzed by palladium immobilized on highly cross-linked-supported imidazolium salts. *Journal of Molecular Catalysis A*, **2014**, 387, 57-62		34
108	Fullerene as a Platform for Recyclable TEMPO Organocatalysts for the Oxidation of Alcohols. *ChemCatChem*, **2014**, 6, 2419-2424	5.2	21
107	Eco-friendly functionalization of natural halloysite clay nanotube with ionic liquids by microwave irradiation for Suzuki coupling reaction. *Journal of Organometallic Chemistry*, **2014**, 749, 410-415	2.3	71
106	Efficient microwave-mediated synthesis of fullerene acceptors for organic photovoltaics. *RSC Advances*, **2014**, 4, 63200-63207	3.7	13
105	Release and catch catalytic systems. *Green Chemistry*, **2013**, 15, 2608	10	79
104	Water in Organocatalytic Reactions **2013**, 673-717		9
103	Recyclable Catalyst Reservoir: Oxidation of Alcohols Mediated by Noncovalently Supported Bis(imidazolium)-Tagged 2,2,6,6-Tetramethylpiperidine 1-Oxyl. *ChemCatChem*, **2013**, 5, 2991-2999	5.2	26

102	Palladium Supported on Cross-Linked Imidazolium Network on Silica as Highly Sustainable Catalysts for the Suzuki Reaction under Flow Conditions. *Advanced Synthesis and Catalysis*, **2013**, 355, 2007-2018	5.6	82
101	Highly cross-linked imidazolium salt entrapped magnetic particles preparation and applications. *Journal of Materials Chemistry*, **2012**, 22, 20728		32
100	Sequential Suzuki/Asymmetric Aldol and Suzuki/Knoevenagel Reactions Under Aqueous Conditions. *European Journal of Organic Chemistry*, **2012**, 2012, 2635-2642	3.2	20
99	A Liquid liquid Biphasic Homogeneous Organocatalytic Aldol Protocol Based on the Use of a Silica Gel Bound Multilayered Ionic Liquid Phase. *ChemCatChem*, **2012**, 4, 1000-1006	5.2	33
98	Low-loading asymmetric organocatalysis. *Chemical Society Reviews*, **2012**, 41, 2406-47	58.5	289
97	Synthesis and characterization of new polyamino-cyclodextrin materials. *Carbohydrate Research*, **2012**, 347, 32-9	2.9	13
96	Nonsolvent Applications of Ionic Liquids in Organocatalysis **2012**, 361-417		3
95	Recent Advances on Stereoselective Organocatalytic Reactions. Organocatalytic Synthesis of Natural Products and Drugs **2011**, 413-490		
94	Synthesis of Chiral Catalysts Supported on Organic Polymers **2011**, 209-256		6
93	Recyclable Organocatalysts in Asymmetric Reactions **2011**, 83-175		6
92	Recyclable Stereoselective Catalysts **2011**, 1-82		
91	Synthesis and Characterization of Supported Chiral Catalysts **2011**, 177-208		1
90	Catalysis with Chirally Modified Metal Surfaces: Scope and Mechanisms **2011**, 291-321		0
89	Self-Supported Chiral Catalysts **2011**, 257-290		1
88	Chiral Ionic Liquids for Asymmetric Reactions **2011**, 323-344		1
87	Microwave-Assisted Transition Metal-Catalyzed Asymmetric Synthesis **2011**, 391-412		3
86	Asymmetric Catalytic Synthesis in Supercritical Fluids **2011**, 373-390		3
85	Recent Advances in Biocatalysis Applied to Organic Synthesis **2011**, 491-527		3

84	Silicate-Mediated Stereoselective Reactions Catalyzed by Chiral Lewis Bases **2011**, 579-624		4
83	Peptides for Asymmetric Catalysis **2011**, 529-578		7
82	Recent Advances in the Metal-Catalyzed Stereoselective Synthesis of Biologically Active Molecules **2011**, 625-670		2
81	Asymmetric Reactions in Flow Reactors **2011**, 345-371		9
80	Polystyrene-supported organocatalysts for β-selenenylation and Michael reactions: A common post-modification approach for catalytic differentiation. *Catalysis Communications*, **2011**, 16, 75-80	3.2	26
79	Binding properties of heptakis-(2,6-di-O-methyl)-β-cyclodextrin and mono-(3,6-anhydro)-β-cyclodextrin: a polarimetric study. *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, **2011**, 71, 121-127		9
78	Multi-Layered, Covalently Supported Ionic Liquid Phase (mlc-SILP) as Highly Cross-Linked Support for Recyclable Palladium Catalysts for the Suzuki Reaction in Aqueous Medium. *Advanced Synthesis and Catalysis*, **2011**, 353, 2119-2130	5.6	76
77	Asymmetric Synthesis Using Polymer-Immobilized Proline Derivatives **2011**, 63-89		0
76	Multilayered supported ionic liquids as catalysts for chemical fixation of carbon dioxide: a high-throughput study in supercritical conditions. *ChemSusChem*, **2011**, 4, 1830-7	8.3	71
75	Stereoselective Nitrogen Heterocycle Synthesis Mediated by Chiral Metal Catalysts **2011**, 671-688		0
74	Supported Organocatalysts as a Powerful Tool in Organic Synthesis **2010**, 67-94		1
73	Advances towards Highly Active and Stereoselective Simple and Cheap Proline-Based Organocatalysts. *European Journal of Organic Chemistry*, **2010**, 2010, 5696-5704	3.2	59
72	Water in Stereoselective Organocatalytic Reactions. *Advanced Synthesis and Catalysis*, **2009**, 351, 33-57	5.6	285
71	Enhanced Activity and Stereoselectivity of Polystyrene-Supported Proline-Based Organic Catalysts for Direct Asymmetric Aldol Reaction in Water. *European Journal of Organic Chemistry*, **2009**, 2009, 5437-5444	3.2	61
70	Binding properties of mono-(6-deoxy-6-amino)-β-cyclodextrin towards p-nitroaniline derivatives: a polarimetric study. *Tetrahedron*, **2009**, 65, 10413-10417	2.4	16
69	Binding equilibria between β-cyclodextrin and p-nitro-aniline derivatives: the first systematic study in mixed water–ethanol solvent systems. *Tetrahedron*, **2009**, 65, 2037-2042	2.4	22
68	Heterogeneous catalytic degradation of phenolic substrates: catalysts activity. *Journal of Hazardous Materials*, **2009**, 162, 588-606	12.8	303
67	Stereoselective aldol reaction catalyzed by a highly recyclable polystyrene supported substituted prolinamide catalyst. *Arkivoc*, **2009**, 2009, 5-15	0.9	3

66	Polystyrene-supported proline as recyclable catalyst in the Baylis–Hillman reaction of arylaldehydes and methyl or ethyl vinyl ketone. *Catalysis Communications*, **2008**, 9, 1477-1481	3.2	26
65	Supported proline and proline-derivatives as recyclable organocatalysts. *Chemical Society Reviews*, **2008**, 37, 1666-88	58.5	374
64	First Evidence of Proline Acting as a Bifunctional Catalyst in the Baylis–Hillman Reaction Between Alkyl Vinyl Ketones and Aryl Aldehydes. *European Journal of Organic Chemistry*, **2008**, 2008, 1589-1596	3.2	19
63	Novel Prolinamide-Supported Polystyrene as Highly Stereoselective and Recyclable Organocatalyst for the Aldol Reaction. *Advanced Synthesis and Catalysis*, **2008**, 350, 1397-1405	5.6	90
62	New Simple Hydrophobic Proline Derivatives as Highly Active and Stereoselective Catalysts for the Direct Asymmetric Aldol Reaction in Aqueous Medium. *Advanced Synthesis and Catalysis*, **2008**, 350, 2747-2760	5.6	100
61	New ionic liquid-modified silica gels as recyclable materials for L-proline- or H–Pro–Pro–Asp–NH2-catalyzed aldol reaction. *Green Chemistry*, **2007**, 9, 1328	10	74
60	Hydrophobically Directed Aldol Reactions: Polystyrene-Supported L-Proline as a Recyclable Catalyst for Direct Asymmetric Aldol Reactions in the Presence of Water. *European Journal of Organic Chemistry*, **2007**, 2007, 4688-4698	3.2	142
59	Host–guest interactions involving cyclodextrins: useful complementary insights achieved by polarimetry. *Tetrahedron*, **2007**, 63, 9163-9171	2.4	27
58	Polystyrene-supported proline and prolinamide. Versatile heterogeneous organocatalysts both for asymmetric aldol reaction in water and α-selenenylation of aldehydes. *Tetrahedron Letters*, **2007**, 48, 255-259	2	137
57	Oxidative degradation properties of Co-based catalysts in the presence of ozone. *Applied Catalysis B: Environmental*, **2007**, 75, 281-289	21.8	27
56	Lipase-catalyzed resolution of anti-6-substituted 1,3-dioxepan-5-ols. *Tetrahedron: Asymmetry*, **2006**, 17, 3128-3134		2
55	Supported Ionic Liquids. New Recyclable Materials for the L-Proline-Catalyzed Aldol Reaction. *Advanced Synthesis and Catalysis*, **2006**, 348, 82-92	5.6	134
54	Chiral recognition of protected amino acids by means of fluorescent binary complex pyrene/heptakis-(6-amino)-(6-deoxy)-β-cyclodextrin. *Tetrahedron*, **2006**, 62, 4323-4330	2.4	16
53	Lipase-catalyzed resolution of β-hydroxy selenides. *Tetrahedron: Asymmetry*, **2006**, 17, 2713-2721		12
52	Cyclodextrin-[60]fullerene conjugates: synthesis, characterization, and electrochemical behavior. *Tetrahedron Letters*, **2006**, 47, 8105-8108	2	14
51	Polarimetry as a useful tool for the determination of binding constants between cyclodextrins and organic guest molecules. *Tetrahedron Letters*, **2006**, 47, 9099-9102	2	18
50	A spectrofluorimetric study of binary fluorophore–cyclodextrin complexes used as chiral selectors. *Tetrahedron*, **2005**, 61, 4577-4583	2.4	15
49	Diastereoselective synthesis of 2-phenylselenenyl-1,3-anti-diols and 2-phenylselenenyl-1,3-anti-azido-alcohols via hydroxy and azido-selenenylation reactions. *Molecules* , **2005**, 10, 383-93	4.8	8

48	Oxidative cyclization of aldehyde thiosemicarbazones induced by potassium ferricyanide and by tris(p-bromophenyl)amino hexachloroantimoniate. A joint experimental and computational study. *Arkivoc*, **2005**, 2005, 114-129	0.9	11
47	Diastereoselective Synthesis of Substituted 2-Phenyltetrahydropyrans as Useful Precursors of Aryl C-Glycosides via Selenoetherification. *Heterocycles*, **2004**, 63, 681	0.8	7
46	Short and efficient chemoenzymatic synthesis of goniothalamin. *Tetrahedron Letters*, **2004**, 45, 83-85	2	37
45	Supported ionic liquid asymmetric catalysis. A new method for chiral catalysts recycling. The case of proline-catalyzed aldol reaction. *Tetrahedron Letters*, **2004**, 45, 6113-6116	2	127
44	Thermodynamics of binding between □and □cyclodextrins and some p-nitro-aniline derivatives: reconsidering the enthalpy□ntropy compensation effect. *Tetrahedron*, **2004**, 60, 9099-9111	2.4	42
43	Chromia on silica and zirconia oxides as recyclable oxidizing system: structural and surface characterization of the active chromium species for oxidation reaction. *Catalysis Today*, **2004**, 91-92, 231-236	5.3	30
42	Studies on the stereoselective selenolactonization, hydroxy and methoxy selenenylation of □and □hydroxy acids and esters. Synthesis of □and □lactones. *Tetrahedron*, **2003**, 59, 2241-2251	2.4	36
41	Chromium(VI) supported and entrapped on silica and zirconia as recyclable materials for oxidation of alcohols. *Tetrahedron*, **2003**, 59, 4997-5002	2.4	13
40	Spectrophotometric study on the thermodynamics of binding of alpha- and beta-cyclodextrin towards some p-nitrobenzene derivatives. *Organic and Biomolecular Chemistry*, **2003**, 1, 1584-90	3.9	38
39	The binary pyrene/heptakis-(6-amino-6-deoxy)-□cyclodextrin complex: a suitable chiral discriminator. Spectrofluorimetric study of the effect of some □amino acids and esters on the stability of the binary complex. *Tetrahedron: Asymmetry*, **2002**, 13, 1755-1760		12
38	Spectrophotometric determination of binding constants between some aminocyclodextrins and nitrobenzene derivatives at various pH values. *Tetrahedron*, **2002**, 58, 6039-6045	2.4	21
37	Stereocontrolled approach to □and □lactones and 1,3-diols. The role of X□ion in the selenolactonization. *Tetrahedron Letters*, **2002**, 43, 1669-1672	2	24
36	Stereoselective Synthesis of Substituted Tetrahydropyran Rings via 6-exo and 6-endo Selenoetherification. *Heterocycles*, **2002**, 57, 293	0.8	3
35	The question of exo vs endo cyclisation. A joint experimental and ab initio study on the stereoselective synthesis of tetrahydrofurans and tetrahydropyrans via seleniranium ions. *Tetrahedron*, **2001**, 57, 1819-1826	2.4	25
34	Spectrophotometric determinations of binding constants between cyclodextrins and aromatic nitrogen substrates at various pH values. *Tetrahedron*, **2001**, 57, 6823-6827	2.4	17
33	Palladium on pumice: new catalysts for the stereoselective semihydrogenation of alkynes to (Z)-alkenes. *Tetrahedron Letters*, **2001**, 42, 2015-2017	2	38
32	Synthesis of 2,4,6-trisubstituted tetrahydropyrans via 6-exo selenoetherification of unsaturated alcohols. *Tetrahedron Letters*, **2001**, 42, 2213-2215	2	27
31	Sol-gel entrapped chromium(VI): a new selective, efficient and recyclable oxidizing system. *Tetrahedron Letters*, **2001**, 42, 5199-5201	2	4

30	Kinetic and thermodynamic control in the cyclization via thiiranium ions. Stereoselective synthesis of a 2,3,5-trisubstituted tetrahydropyran ring. *Journal of Heterocyclic Chemistry*, **2001**, 38, 765-767	1.9	7
29	A joint experimental and ab initio study on the reactivity of several hydroxy selenides. Stereoselective synthesis of cis-disubstituted tetrahydrofurans via seleniranium ions. *Tetrahedron*, **2001**, 57, 6815-6822	2.4	15
28	Protonation equilibria of some ortho-substituted and annelated aryl and thiophen-2-yl and -3-yl ketones. *Perkin Transactions II RSC*, **2001**, 2043-2046		
27	Photocyclization Reaction of some 2-Methyl-4-phenyl- Substituted Aldehyde Thiosemicarbazones. Mechanistic Aspects. *Tetrahedron*, **2000**, 56, 999-1004	2.4	20
26	Gas-Phase and Solution Basicities of Some Alkyl 2,6-Dialkylphenyl Ketones: a Comparative Analysis. *Tetrahedron*, **2000**, 56, 4565-4573	2.4	2
25	Efficient semihydrogenation of the C?C triple bond using palladium on pumice as catalyst. *Tetrahedron Letters*, **1999**, 40, 2857-2858	2	26
24	Kinetic and thermodynamic control in the intramolecular hydroxyl capture of seleniranium ions. *Tetrahedron Letters*, **1999**, 40, 8477-8481	2	13
23	Stereoselective synthesis of tetrahydrofurans and tetrahydropyrans by acid-catalyzed cyclization of hydroxy selenides and hydroxy sulfides. *Tetrahedron*, **1999**, 55, 14097-14110	2.4	18
22	Regiochemical control in the synthesis of tetrahydrofurans by acid-catalyzed cyclization of hydroxy selenides and hydroxy sulfides. *Tetrahedron*, **1999**, 55, 4769-4782	2.4	23
21	A quantitative study of substituent effects on oxidative cyclization of some 2-aryl-substituted aldehyde thiosemicarbazones induced by ferric chloride and cupric perchlorate. *Journal of Heterocyclic Chemistry*, **1999**, 36, 667-674	1.9	30
20	Analysis of substituent effects on the carbon-13 and oxygen-17 NMR chemical shifts of some phenylthiophen-2?-ylmethanones by linear free energy relationships. *Journal of Physical Organic Chemistry*, **1999**, 12, 408-415	2.1	3
19	Protonation of Some 5-Substituted Di(2-thienyl) Ketones in Sulfuric Acid. A Comparison with Other 2-Thienyl and Phenyl Ketones. *Collection of Czechoslovak Chemical Communications*, **1999**, 64, 1893-1901		3
18	Kinetic study of base-promoted elimination reactions of some 1,1,1-trihalo-2,2-bis(dimethoxyphenyl)ethanes in alcoholic solutions. *Journal of Physical Organic Chemistry*, **1998**, 11, 54-58	2.1	4
17	Regioselective epoxide ring opening. Steroselective synthesis of a tetrahydropyran ring. *Journal of Heterocyclic Chemistry*, **1998**, 35, 865-869	1.9	4
16	Stereocontrolled Synthesis of Tetrahydrofurans and Tetrahydropyrans by Cyclisation of Hydroxyselenides. *Heterocycles*, **1998**, 48, 1325	0.8	10
15	Stereoselective Synthesis of cis-2,5-Disubstituted Tetrahydrofurans: An Approach to Pamamycins. *Synlett*, **1997**, 1997, 627-628	2.2	27
14	Stereoselective synthesis of 4-alkoxy-3-methylidenealkanols usingreactions between 2-(1-alkoxyalkyl)propenylstannanes and aldehydes:X-ray crystal structure of(1R,4R)-3-methylidene-1-(4-nitrophenyl)pentane-1,4-diol. *Journal of the Chemical Society Perkin Transactions 1*, **1997**, 2549-2560		12
13	A study of the behaviour of 2,4-substituted thiosemicarbazides toward orthoesters: Formation of mesoionic compounds. *Journal of Heterocyclic Chemistry*, **1997**, 34, 1447-1451	1.9	8

12	A quantitative study of substituent effects on oxidative cyclization of some 2-methylsubstituted aldehydes. Thiosemicarbazones induced by ferric chloride. *Journal of Heterocyclic Chemistry*, **1996**, 33, 863-872	1.9	22
11	NMR analysis of restricted internal rotation in 2-substituted-2,3-dihydro-3-o-tolyl(chlorophenyl)-4(1H)-quinazolinones. *Journal of Heterocyclic Chemistry*, **1996**, 33, 1067-1071	1.9	2
10	A study of the mechanism of the oxidative cyclization of benzaldehyde semicarbazones induced by cupric perchlorate in acetonitrile. *Journal of Heterocyclic Chemistry*, **1995**, 32, 1277-1282	1.9	15
9	1,4-Asymmetric induction in reactions between [2-(1-alkoxyalkyl)propenyl](tributyl)stannanes and aldehydes promoted by tin(IV) halides. *Journal of the Chemical Society Perkin Transactions 1*, **1995**, 1469		3
8	Differential substituent effects in 4-X-acetophenones and 4-X-2,6-dimethylacetophenones: basicity constants (pKBH+) and 17O chemical shifts. *Journal of the Chemical Society Perkin Transactions II*, **1995**, 1021		17
7	Oxidative cyclization of some aldehyde semicarbazones induced by metallic salts. *Journal of Heterocyclic Chemistry*, **1993**, 30, 765-770	1.9	27
6	Rearrangement of 3-(N-Heteroarylamino)-1,2,5-oxadiazoles: Triazolo[1,5-a]quinolines and Triazolo[1,5-a]pyridines. *Heterocycles*, **1993**, 36, 1577	0.8	10
5	Photochemical cyclization of some aldehyde thiosemicarbazones. *Journal of Heterocyclic Chemistry*, **1992**, 29, 233-236	1.9	15
4	Substituent effect on oxidative cyclization of aldehyde thiosemicarbazones with ferric chloride. *Journal of Heterocyclic Chemistry*, **1991**, 28, 1421-1427	1.9	39
3	Heterocyclic photorearrangements. Photoinduced rearrangement of 3-styryl-1,2,4-oxadiazoles. *Journal of Heterocyclic Chemistry*, **1990**, 27, 861-863	1.9	14
2	A discussion of the pKBH+ values of weak bases as derived by different calculation methods. *Journal of the Chemical Society Perkin Transactions II*, **1990**, 1975		6
1	A Synthesis of 1,2,4-Triazolo[1,5-f]phenanthridines by Rearrangements of 1,2,5-Oxadiazoles Involving an NCN Sequence with the Imine Nitrogen in an Aromatic Heterocyclic Ring. *Heterocycles*, **1990**, 31, 869	0.8	4