Giovanni Palmisano

List of Publications by Year
in descending order

264	10,790	34105	43889
papers	citations	52 h-index	91 g-index

292	292	292	11543
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Photocatalysis: a promising route for 21st century organic chemistry. Chemical Communications, 2007, , 3425.	4.1	613
2	High thermal and chemical stability in pyrazolate-bridged metalâ€“organic frameworks with exposed metal sites. Chemical Science, 2011, 2, 1311.	7.4	496
3	Nanostructured Rutile TiO₂for Selective Photocatalytic Oxidation of Aromatic Alcohols to Aldehydes in Water. Journal of the American Chemical Society, 2008, 130, 1568-1569.	13.7	430
4	Advances in selective conversions by heterogeneous photocatalysis. Chemical Communications, 2010, 46, 7074.	4.1	344
5	Oxidation of Alcohols with o-Iodoxybenzoic Acid in DMSO: A New Insight into an Old Hypervalent Iodine Reagent. Journal of Organic Chemistry, 1995, 60, 7272-7276.	3.2	337
6	Overview on oxidation mechanisms of organic compounds by TiO2 in heterogeneous photocatalysis. Journal of Photochemistry and Photobiology C: Photochemistry Reviews, 2012, 13, 224-245.	11.6	258
7	[Gd-AAZTA]-:Â A New Structural Entry for an Improved Generation of MRI Contrast Agents. Inorganic Chemistry, 2004, 43, 7588-7590.	4.0	217
8	Tuning the Adsorption Properties of Isoreticular Pyrazolate-Based Metalâ€“Organic Frameworks through Ligand Modification. Journal of the American Chemical Society, 2012, 134, 12830-12843.	13.7	184
9	Photocatalytic Selective Oxidation of 4-Methoxybenzyl Alcohol to Aldehyde in Aqueous Suspension of Home-Prepared Titanium Dioxide Catalyst. Advanced Synthesis and Catalysis, 2007, 349, 964-970.	4.3	180
10	Selective photocatalytic oxidation of 4-substituted aromatic alcohols in water with rutile TiO2 prepared at room temperature. Green Chemistry, 2009, 11, 510.	9.0	167
11	An asymmetric approach to coumarin anticoagulants via hetero-Dielsâ€“Alder cycloaddition. Tetrahedron: Asymmetry, 2001, 12, 707-709.	1.8	162
12	Cubic Octanuclear Ni(II) Clusters in Highly Porous Polypyrazolyl-Based Materials. Journal of the American Chemical Society, 2010, 132, 7902-7904.	13.7	140
13	Azomethine Ylide Cycloaddition/Reductive Heterocyclization Approach to Oxindole Alkaloids:Â Asymmetric Synthesis of (â^')-Horsfiline. Journal of Organic Chemistry, 2001, 66, 8447-8453.	3.2	131
14	High-intensity ultrasound and microwave, alone or combined, promote Pd/C-catalyzed arylâ€“aryl couplings. Tetrahedron Letters, 2005, 46, 2267-2271.	1.4	131
15	Solar hydrogen: fuel of the near future. Energy and Environmental Science, 2010, 3, 279.	30.8	126
16	Selectivity of hydroxyl radical in the partial oxidation of aromatic compounds in heterogeneous photocatalysis. Catalysis Today, 2007, 122, 118-127.	4.4	122
17	Oxidation of Aromatic Alcohols in Irradiated Aqueous Suspensions of Commercial and Homeâ€Prepared Rutile TiO₂: A Selectivity Study. Chemistry - A European Journal, 2008, 14, 4640-4646.	3.3	122
18	BIPV: merging the photovoltaic with the construction industry. Progress in Photovoltaics: Research and Applications, 2010, 18, 61-72.	8.1	119

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19	One-pot electrocatalytic oxidation of glycerol to DHA. Tetrahedron Letters, 2006, 47, 6993-6995.	1.4	118
20	Intramolecular Pd(II)-Catalyzed Cyclization of Propargylamides: Straightforward Synthesis of 5-Oxazolecarbaldehydes. Journal of Organic Chemistry, 2008, 73, 4746-4749.	3.2	104
21	Titania Photocatalysts for Selective Oxidations in Water. ChemSusChem, 2011, 4, 1431-1438.	6.8	100
22	Heterogeneous Photocatalysis and Photoelectrocatalysis: From Unselective Abatement of Noxious Species to Selective Production of High-Value Chemicals. Journal of Physical Chemistry Letters, 2015, 6, 1968-1981.	4.6	99
23	Silica-based hybrid coatings. Journal of Materials Chemistry, 2009, 19, 3116.	6.7	98
24	Photocatalytic Selective Oxidation of 5-(Hydroxymethyl)-2-furaldehyde to 2,5-Furandicarbaldehyde in Water by Using Anatase, Rutile, and Brookite TiO₂ Nanoparticles. ACS Sustainable Chemistry and Engineering, 2013, 1, 456-461.	6.7	96
25	Environmentally Friendly Photocatalytic Oxidation of Aromatic Alcohol to Aldehyde in Aqueous Suspension of Brookite TiO2. Catalysis Letters, 2008, 126, 58-62.	2.6	89
26	Oxindole alkaloids. A novel non-biomimetic entry to (â˜)-Horsfiline.. Tetrahedron: Asymmetry, 1996, 7, 1-4.	1.8	87
27	[GdPCP2A(H2O)2]-: A Paramagnetic Contrast Agent Designed for Improved Applications in Magnetic Resonance Imaging. Journal of Medicinal Chemistry, 2000, 43, 4017-4024.	6.4	86
28	Influence of the substituent on selective photocatalytic oxidation of aromatic compounds in aqueous TiO2 suspensions. Chemical Communications, 2006, , 1012.	4.1	81
29	Oxidation of amines in the presence of ruthenium complexes: molecular oxygen and iodosylbenzene as oxidants. Journal of Molecular Catalysis, 1989, 50, 333-341.	1.2	79
30	Photocatalytic oxidation of aromatic alcohols to aldehydes in aqueous suspension of home-prepared titanium dioxide. Applied Catalysis A: General, 2008, 349, 182-188.	4.3	79
31	Synthesis of vanillin in water by TiO2 photocatalysis. Applied Catalysis B: Environmental, 2012, 111-112, 555-561.	20.2	79
32	Synthesis of carboranyl derivatives of alkynyl glycosides as potential BNCT agents. Tetrahedron, 1999, 55, 14123-14136.	1.9	78
33	Halloysite nanotube with fluorinated lumen: Non-foaming nanocontainer for storage and controlled release of oxygen in aqueous media. Journal of Colloid and Interface Science, 2014, 417, 66-71.	9.4	76
34	An Expeditious Procedure for the Isolation of Ingenol from the Seeds of Euphorbia lathyris. Journal of Natural Products, 1999, 62, 76-79.	3.0	75
35	Designing Novel Contrast Agents for Magnetic Resonance Imaging. Synthesis and Relaxometric Characterization of three Gadolinium(III) Complexes Based on Functionalized Pyridine-Containing Macrocyclic Ligands. Helvetica Chimica Acta, 2003, 86, 615-632.	1.6	75
36	Nanochemistry aspects of titania in dye-sensitized solar cells. Energy and Environmental Science, 2009, 2, 838.	30.8	75

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37	Photocatalytic oxidation of aromatic alcohols to aldehydes in aqueous suspension of home prepared titanium dioxide. Applied Catalysis A: General, 2008, 349, 189-197.	4.3	74
38	Gold(I)-Catalyzed Cyclization of Î²-Allenylhydrazones: An Efficient Synthesis of MultisubstitutedN-Aminopyrroles. Organic Letters, 2010, 12, 4396-4399.	4.6	74
39	On the Mechanism of Nitrosoareneâ^'Alkyne Cycloaddition. Journal of the American Chemical Society, 2009, 131, 653-661.	13.7	70
40	Non-covalent Conjugates between Cationic Polyamino Acids and GdIII Chelates: A Route for Seeking Accumulation of MRI-Contrast Agents at Tumor Targeting Sites. Chemistry - A European Journal, 2000, 6, 2609-2617.	3.3	69
41	The Aldol Reaction under High-Intensity Ultrasound: A Novel Approach to an Old Reaction. European Journal of Organic Chemistry, 2003, 2003, 4438-4444.	2.4	67
42	Novel Paramagnetic Macromolecular Complexes Derived from the Linkage of a Macrocyclic Gd(III) Complex to Polyamino Acids through a Squaric Acid Moiety. Bioconjugate Chemistry, 1999, 10, 192-199.	3.6	66
43	A new class of heterogeneous Pd catalysts for synthetic organic chemistry. Catalysis Science and Technology, 2011, 1, 736.	4.1	63
44	Home-prepared anatase, rutile, and brookite TiO2 for selective photocatalytic oxidation of 4-methoxybenzyl alcohol in water: reactivity and ATR-FTIR study. Photochemical and Photobiological Sciences, 2009, 8, 663-669.	2.9	62
45	The Suzuki homocoupling reaction under high-intensity ultrasound. Ultrasonics Sonochemistry, 2005, 12, 91-94.	8.2	61
46	Synthesis of Indole Derivatives with Biological Activity by Reactions Between Unsaturated Hydrocarbons and N-Aromatic Precursors. Current Organic Chemistry, 2010, 14, 2409-2441.	1.6	61
47	Power ultrasound in metal-assisted synthesis: From classical Barbier-like reactions to click chemistry. Ultrasonics Sonochemistry, 2011, 18, 836-841.	8.2	60
48	Heck Reactions with Very Low Ligandless Catalyst Loads Accelerated by Microwaves or Simultaneous Microwaves/Ultrasound Irradiation. Advanced Synthesis and Catalysis, 2007, 349, 2338-2344.	4.3	57
49	One-pot synthesis of meridianins and meridianin analogues via indolization of nitrosoarenes. Tetrahedron, 2010, 66, 1280-1288.	1.9	57
50	A straightforward entry into enantiomerically enriched Î²-amino-Î±-hydroxyphosphonic acid derivatives. Tetrahedron: Asymmetry, 1998, 9, 745-748.	1.8	55
51	Inorganic semiconductors-graphene composites in photo(electro)catalysis: Synthetic strategies, interaction mechanisms and applications. Journal of Photochemistry and Photobiology C: Photochemistry Reviews, 2017, 33, 132-164.	11.6	54
52	2-(Tributylstannyl)-1-{[2-(trimethylsilyl)ethoxy]methyl}-1H-indole: Synthesis and use as a 1H-indol-2-yl-anion equivalent. Helvetica Chimica Acta, 1993, 76, 2356-2366.	1.6	53
53	The Chemistry of Coumarin Derivatives. Part VI. Diels-Alder Trapping of 3-Methylene-2,4-chromandione. A New Entry to Substituted Pyrano[3,2-c]coumarins. Journal of Organic Chemistry, 1994, 59, 5556-5564.	3.2	53
54	The chemical effects of molecular solâ€“gel entrapment. Chemical Society Reviews, 2007, 36, 932-940.	38.1	52

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55	Radiation-free superhydrophilic and antifogging properties of e-beam evaporated TiO 2 films on glass. Applied Surface Science, 2017, 420, 83-93.	6.1	50
56	Selective photocatalytic oxidation of aromatic alcohols in solar-irradiated aqueous suspensions of Pt, Au, Pd and Ag loaded TiO 2 catalysts. Catalysis Today, 2017, 281, 53-59.	4.4	49
57	Cyclometallation of indole derivatives: cyclopalladation of gramine and 1-methyl gramine and CO insertion. Journal of Organometallic Chemistry, 1997, 527, 93-102.	1.8	47
58	Graphite-supported TiO2 for 4-nitrophenol degradation in a photoelectrocatalytic reactor. Chemical Engineering Journal, 2009, 155, 339-346.	12.7	47
59	Efficient Synthesis of N-Methoxyindoles via Alkylative Cycloaddition of Nitrosoarenes with Alkynes. Journal of Organic Chemistry, 2006, 71, 823-825.	3.2	46
60	Waste-Free Electrochemical Oxidation of Alcohols in Water. Advanced Synthesis and Catalysis, 2006, 348, 2033-2037.	4.3	46
61	Photocatalytic green synthesis of piperonal in aqueous TiO2 suspension. Applied Catalysis B: Environmental, 2014, 144, 607-613.	20.2	46
62	Contrast Agents for Magnetic Resonance Imaging: A Novel Route to Enhanced Relaxivities Based on the Interaction of a GdIII Chelate with Poly-Î²-cyclodextrins. Chemistry - A European Journal, 1999, 5, 1253-1260.	3.3	45
63	Rapid access to the highly oxygenated aspidosperma alkaloids vindoline, vindorosine, and cathovaline. Journal of the Chemical Society Chemical Communications, 1984, , 909.	2.0	44
64	One-pot sequential synthesis of isocyanates and urea derivatives via a microwave-assisted Staudingerâ€“aza-Wittig reaction. Beilstein Journal of Organic Chemistry, 2013, 9, 2378-2386.	2.2	43
65	The chemistry of coumarin derivatives, part 2. Reaction of 4-hydroxycoumarin with ?,?-unsaturated aldehydes. Helvetica Chimica Acta, 1990, 73, 1865-1878.	1.6	42
66	Base-modified pyrimidine nucleosides. Efficient entry to 6-derivatized uridines by sn-pd transmetallation-coupling process. Tetrahedron, 1993, 49, 2533-2542.	1.9	42
67	Electrodes Functionalized with the 2,2,6,6â€Tetramethylpiperidinyloxy Radical for the Wasteâ€Free Oxidation of Alcohols. ChemCatChem, 2015, 7, 552-558.	3.7	42
68	Micro-mesoporous N-doped brookite-rutile TiO2 as efficient catalysts for water remediation under UV-free visible LED radiation. Journal of Catalysis, 2017, 346, 109-116.	6.2	42
69	Fe(II)-Induced Fragmentation Reaction of ?-Hydroperoxy-?,?-enones. Part 1. Synthesis of 13(14?8)-abeo-Steroids. Helvetica Chimica Acta, 1987, 70, 701-716.	1.6	41
70	A Straightforward Entry into Polyketide Monoprenylated Furanocoumarins and Pyranocoumarins1. Journal of Natural Products, 1999, 62, 1627-1631.	3.0	40
71	Synthesis of Furocoumarins via Rhodium(II)-Catalysed Heterocyclisation of 3-Diazobenzopyran-2,4-(3H)-dione with Terminal Alkynes. Synthesis, 2001, 2001, 0735-0740.	2.3	40
72	Platinum(II) and technetium(I) complexes anchored to ethynylestradiol: a way to drug targeting and delivery. Inorganica Chimica Acta, 2004, 357, 2157-2166.	2.4	40

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73	Advances in anti-scale magnetic water treatment. Environmental Science: Water Research and Technology, 2015, 1, 408-425.	2.4	40
74	Synthesis and Evaluation of Phorboid 20-Homovanillates:â€‰ Discovery of a Class of Ligands Binding to the Vanilloid (Capsaicin) Receptor with Different Degrees of Cooperativity. Journal of Medicinal Chemistry, 1996, 39, 3123-3131.	6.4	39
75	Optical Properties of TiO2 Suspensions:â€‰ Influence of pH and Powder Concentration on Mean Particle Size. Industrial & Engineering Chemistry Research, 2007, 46, 7620-7626.	3.7	39
76	Threeâ€Component Indiumâ€Mediated Domino Allylation of 1Hâ€Indoleâ€3â€carbaldehyde with Electronâ€Rich (Hetero)arenes: Highly Efficient Access to Variously Functionalized Indolylbutenes. European Journal of Organic Chemistry, 2008, 2008, 2801-2807.	2.4	38
77	Self-assembled titaniaâ€“silicaâ€“sepiolite based nanocomposites for water decontamination. Journal of Materials Chemistry, 2009, 19, 2070.	6.7	38
78	Fast, Solvent-Free, Microwave-Promoted FriedlÃnder Annulation with a Reusable Solid Catalyst. Synthetic Communications, 2009, 40, 120-128.	2.1	38
79	Sol-gel entrapped visible light photocatalysts for selective conversions. RSC Advances, 2014, 4, 18341-18346.	3.6	38
80	(Pentamethylcyclopentadienyl)Iridium Dichloride Dimer {[IrCp*Cl₂]₂}: A Novel Efficient Catalyst for the Cycloisomerizations of Homopropargylic Diols and Nâ€Tethered Enynes. Advanced Synthesis and Catalysis, 2011, 353, 1908-1912.	4.3	37
81	Selective oxidation of phenol and benzoic acid in water via home-prepared TiO2 photocatalysts: Distribution of hydroxylation products. Applied Catalysis A: General, 2012, 441-442, 79-89.	4.3	35
82	Photoelectrocatalytic selective oxidation of 4-methoxybenzyl alcohol in water by TiO2 supported on titanium anodes. Applied Catalysis B: Environmental, 2013, 132-133, 535-542.	20.2	35
83	Aspidosperma alkaloids. Conversion of tabersonine into vindoline. Journal of the Chemical Society Perkin Transactions 1, 1987, , 155.	0.9	34
84	The chemistry of coumarin derivatives. Part 3. Synthesis of 3-alkyl-4-hydroxycoumarins by reductive fragmentation of 3,3?-alkyiidene-4,4?-dihydroxybis[coumarins]. Helvetica Chimica Acta, 1991, 74, 1451-1458.	1.6	34
85	Expeditious N-monoalkylation of 1,4,7,10-tetraazacyclododecane (cyclen) via formamido protection. Tetrahedron Letters, 2000, 41, 6527-6530.	1.4	34
86	Convolutamydine A: the first authenticated absolute configuration and enantioselective synthesis. Tetrahedron: Asymmetry, 2006, 17, 3070-3074.	1.8	34
87	E-beam evaporated TiO 2 and Cu-TiO 2 on glass: Performance in the discoloration of methylene blue and 2-propanol oxidation. Applied Catalysis A: General, 2016, 526, 191-199.	4.3	34
88	Photocatalytic ozonation under visible light for the remediation of water effluents and its integration with an electro-membrane bioreactor. Chemosphere, 2018, 209, 534-541.	8.2	33
89	(-)-Î²-Pinene as chiral promoter. Stereospecific access to (-)-Î³-amino-Î²()-hydroxybutyric acid (gabob) and ()-carnitine.2. Tetrahedron, 1985, 41, 5607-5613.	1.9	32
90	Aspidosperma alkaloids cyclization of secodine intermediate: Synthesis of (Â±)-3-oxovincadifformine ethyl ester.. Tetrahedron, 1994, 50, 6941-6954.	1.9	32

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91	CD1a-binding glycosphingolipids stimulating human autoreactive T-cells: synthesis of a family of sulfatides differing in the acyl chain moiety. Tetrahedron, 2002, 58, 8703-8708.	1.9	31
92	Synthesis of C2-symmetrical diamine based on (1R)-(+)-camphor and application to oxidative aryl coupling of naphthols. Tetrahedron: Asymmetry, 2003, 14, 1451-1454.	1.8	31
93	Photocatalytic oxidation of nitrobenzene and phenylamine: Pathways and kinetics. AICHE Journal, 2007, 53, 961-968.	3.6	31
94	Lipase-mediated resolution of 2-cyclohexen-1-ols as chiral buildingblocks en route to eburnane alkaloids. Tetrahedron: Asymmetry, 1992, 3, 775-784.	1.8	30
95	Autoxidation of Tetrazepam in Tablets: Prediction of Degradation Impurities from the Oxidative Behavior in Solution. Journal of Pharmaceutical Sciences, 1992, 81, 183-185.	3.3	30
96	Polyoxygenated coumarins. Oxonium ylides en route to polyoxa-macrocyclic coumarins. Tetrahedron, 1999, 55, 6577-6584.	1.9	30
97	Statistical experimental design-driven discovery of room-temperature conditions for palladium-catalyzed cyanation of aryl bromides. Tetrahedron Letters, 2005, 46, 1815-1818.	1.4	30
98	Synthesis of Modified Ingenol Esters. European Journal of Organic Chemistry, 1999, 1999, 3413-3420.	2.4	29
99	Improved syntheses of bis(Î²-cyclodextrin) derivatives, new carriers for gadolinium complexes. Organic and Biomolecular Chemistry, 2006, 4, 1124.	2.8	29
100	TiO₂/ORMOSIL Thin Films Doped with Phthalocyanine Dyes:â€‰ New Photocatalytic Devices Activated by Solar Light. Journal of Physical Chemistry C, 2008, 112, 2667-2670.	3.1	29
101	Kinetics of 4-Methoxybenzyl Alcohol Oxidation in Aqueous Solution in a Fixed Bed Photocatalytic Reactor. Industrial & Engineering Chemistry Research, 2010, 49, 6699-6708.	3.7	29
102	A simple, efficient, regioselective and one-pot preparation of N-hydroxy- and Nâ€“O-protected hydroxyindoles via cycloaddition of nitrosoarenes with alkynes. Synthetic scope, applications and novel by-products. Tetrahedron, 2013, 69, 10906-10920.	1.9	29
103	NOVEL PARAMAGNETIC MACROMOLECULAR COMPLEXES DERIVED FROM THE LINKAGE OF A MACROCYCLIC Gd(III) COMPLEX TO POLYAMINO ACIDS THROUGH A SQUARIC ACID MOIETY. Bioconjugate Chemistry, 1999, 10, 701-701.	3.6	28
104	Enhancing selectivity in photocatalytic formation of p-anisaldehyde in aqueous suspension under solar light irradiation via TiO2 N-doping. New Journal of Chemistry, 2012, 36, 1762.	2.8	28
105	Filling the gap: Chemistry of 3,5-bis(trifluoromethyl)-1H-pyrazoles. Journal of Fluorine Chemistry, 2012, 139, 53-57.	1.7	28
106	Visible-light driven oxidation of gaseous aliphatic alcohols to the corresponding carbonyls via TiO2 sensitized by a perylene derivative. Environmental Science and Pollution Research, 2014, 21, 11135-11141.	5.3	28
107	Novel cyclometallated Pd(II) and Pt(II) complexes with indole derivatives and their use as catalysts in Heck reaction. Journal of Organometallic Chemistry, 2005, 690, 2017-2026.	1.8	27
108	Synthesis, X-ray structure and reactivity of cyclopalladated complexes of hydrazones of 1H-indole-3-carboxaldehyde. Journal of Organometallic Chemistry, 1995, 488, 79-83.	1.8	26

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109	Citrate-stabilized gold nanoparticles hinder fibrillogenesis of a pathological variant of Î²₂-microglobulin. Nanoscale, 2017, 9, 3941-3951.	5.6	26
110	Relating Photoelectrochemistry and Wettability of Sputtered Cu- and N-Doped TiO₂ Thin Films via an Integrated Approach. Journal of Physical Chemistry C, 2018, 122, 12369-12376.	3.1	26
111	N-TiO2/Cu-TiO2 double-layer films: Impact of stacking order on photocatalytic properties. Journal of Catalysis, 2017, 353, 116-122.	6.2	25
112	Influence of fluorine on the synthesis of anatase TiO₂ for photocatalytic partial oxidation: are exposed facets the main actors?. Catalysis Science and Technology, 2018, 8, 1606-1620.	4.1	25
113	Alkaloids of Ocotea acutangula. Journal of the Chemical Society Perkin Transactions 1, 1981, , 578.	0.9	24
114	First Enantioselective Synthesis of (-)-Akagerine by a Chemoenzymic Approach. Journal of Organic Chemistry, 1995, 60, 2506-2513.	3.2	24
115	Pyrrolizidine alkaloids. A concise entry to (â^')-pyrrolam A. Tetrahedron: Asymmetry, 1997, 8, 515-518.	1.8	24
116	Stepwise assembly of platinumâ€“folic acid conjugates. Inorganica Chimica Acta, 2008, 361, 1447-1455.	2.4	24
117	Dye-sensitized photo-oxygenation of the Aspidosperma alkaloids vincadifformine and tabersonine. A new, convenient approach to vincamine. Journal of the Chemical Society Perkin Transactions 1, 1982, , 1371.	0.9	23
118	A highly enantioselective synthesis of (â^')-antirhine by chemo-enzymatic approach. Tetrahedron, 1994, 50, 8837-8852.	1.9	23
119	Synthesis of fercoprolone, a degraded prenylated coumarin. Tetrahedron, 1998, 54, 10819-10826.	1.9	23
120	Facile Preparation of Polytopic Azoles: Synthesis, Characterization, and X-ray Powder Diffraction Studies of 1,4-Bis(pyrazol-4-yl)- and 1,4-Bis(tetrazol-5-yl)benzene. Chemistry Letters, 2008, 37, 956-957.	1.3	23
121	Ultrasound-enhanced one-pot synthesis of 3-(Het)arylmethyl-4-hydroxycoumarins in water. Ultrasonics Sonochemistry, 2011, 18, 652-660.	8.2	23
122	Imine-enamine annelation: stereoselective syntheses of (Â±)-deplancheine. Tetrahedron Letters, 1982, 23, 2139-2142.	1.4	22
123	Five- and six-membered indole-fused platinacycles. Journal of Organometallic Chemistry, 1995, 496, C1-C3.	1.8	22
124	Cyclopalladated complexes of Schiff bases of homoveratrylamine and tryptamine. Synthesis and CO insertion. Inorganica Chimica Acta, 1998, 272, 18-23.	2.4	22
125	Unusual photochemical behaviour of the enone chromophore of the insect moulting hormone 20Î±-hydroxyecdysone. Journal of the Chemical Society Chemical Communications, 1985, , 1321-1322.	2.0	21
126	Indole alkaloids. A combined chemical and enzymatic route for eburnane ring construction : Formal synthesis of (â^')-Eburnamonine. Tetrahedron, 1994, 50, 9487-9494.	1.9	21

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127	ORMOSIL Thin Films:Â Tuning Mechanical Properties via a Nanochemistry Approach. Langmuir, 2006, 22, 11158-11162.	3.5	21
128	Nanoflowerâ€Like Bi₂WO₆ Encapsulated in ORMOSIL as a Novel Photocatalytic Antifouling and Foulâ€Release Coating. Chemistry - A European Journal, 2016, 22, 7063-7067.	3.3	21
129	1,2-Addition of dilithium trialkynylcuprates to Î±Î²-unsaturated cyclic ketones. Journal of the Chemical Society Chemical Communications, 1975, , 892-893.	2.0	20
130	Oxidation of .beta.-anilinoacrylate alkaloids vincadifformine and tabersonine by Fremy's salt. A mechanistic insight into the rearrangement of Aspidosperma to Hunteria eburnea alkaloids. Journal of Organic Chemistry, 1988, 53, 1056-1064.	3.2	20
131	Hexacyclic indole alkaloids. A highly convergent total synthesis of cuanzine. Journal of Organic Chemistry, 1991, 56, 2380-2386.	3.2	20
132	Ammodoremin, an Epimeric Mixture of Prenylated Chromandiones from Ammoniacum. Helvetica Chimica Acta, 1991, 74, 495-500.	1.6	20
133	Synthesis of 2-hetaryl substituted indoles via palladium-catalysed reductive N-heterocyclisation. Journal of Molecular Catalysis A, 1998, 135, 241-248.	4.8	20
134	Synthesis of the Gd(III) complex with a tetrazole-armed macrocyclic ligand as a potential MRI contrast agent. Tetrahedron Letters, 2002, 43, 783-786.	1.4	20
135	Determination of Photoadsorption Capacity of Polychrystalline TiO2 Catalyst in Irradiated Slurry. Advances in Chemical Engineering, 2009, 36, 1-35.	0.9	20
136	Synthesis of Nitrogen-Containing Heterocycles via Ring-Closing Ene-Ene and Ene-Yne Metathesis Reactions: An Easy Access to 1- and 2-Benzazepine Scaffolds and Five- and Six-Membered Lactams. Synthesis, 2012, 44, 3523-3533.	2.3	20
137	Photoelectrochemical activity of electrospun WO3/NiWO4 nanofibers under visible light irradiation. Journal of Materials Science, 2018, 53, 2208-2220.	3.7	20
138	1-Hydroxyrutaecarpine from Euxylophora paraÃ«nsis. Phytochemistry, 1974, 13, 1603-1606.	2.9	19
139	Indole alkaloids. Enantioselective synthesis of (â€“)-alloyohimbane by a chemoenzymatic approach. Journal of the Chemical Society Chemical Communications, 1987, , 299-300.	2.0	19
140	Three-Component Tandem Knoevenagel/Hetero Dielsâ^'Alder Reactions â^' Total Synthesis of (Â±)-Preethulia Coumarin. European Journal of Organic Chemistry, 2001, 2001, 3711.	2.4	19
141	Diruthenium(II,II) tetrakis(acetate) as a catalyst of choice for intermolecular insertion of stabilized diazocompounds into Oî—¸H bonds. Tetrahedron Letters, 2002, 43, 3637-3640.	1.4	19
142	Validation of a two-dimensional modeling of an externally irradiated slurry photoreactor. Chemical Engineering Journal, 2015, 262, 490-498.	12.7	19
143	Mannich Reaction as a New Route to Pyridine-Based Polyaminocarboxylic Ligands. Organic Letters, 2004, 6, 1201-1204.	4.6	18
144	Accelerated Koenigsâ^'Knorr Glucuronidation of a Deactivated Nitrophenol:Â Unveiling the Role of Polyamine Additive 1,1,4,7,10,10-Hexamethyltriethylenetetramine1through Design of Experiments. Journal of Organic Chemistry, 2004, 69, 1097-1103.	3.2	18

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145	Long-Chain 3-Acyl-4-hydroxycoumarins: Structure and Antibacterial Activity. Archiv Der Pharmazie, 2006, 339, 129-132.	4.1	18
146	Excited-State Dynamics of Bis-dehydroxycurcumin Carboxylic Acid, a Water-Soluble Derivative of the Photosensitizer Curcumin. Journal of Physical Chemistry A, 2012, 116, 9321-9330.	2.5	18
147	Catalysis in glycerol: a survey of recent advances. Chemical Papers, 2015, 69, .	2.2	18
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