

Giovanni Palmisano

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ext. citations

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#	Paper	IF	Citations
258	Photocatalysis: a promising route for 21st century organic chemistry. <i>Chemical Communications</i> , 2007 , 3425-37	5.8	562
257	High thermal and chemical stability in pyrazolate-bridged metal-organic frameworks with exposed metal sites. <i>Chemical Science</i> , 2011 , 2, 1311	9.4	420
256	Nanostructured rutile TiO ₂ for selective photocatalytic oxidation of aromatic alcohols to aldehydes in water. <i>Journal of the American Chemical Society</i> , 2008 , 130, 1568-9	16.4	399
255	Advances in selective conversions by heterogeneous photocatalysis. <i>Chemical Communications</i> , 2010 , 46, 7074-89	5.8	322
254	Oxidation of Alcohols with o-Iodoxybenzoic Acid in DMSO: A New Insight into an Old Hypervalent Iodine Reagent. <i>Journal of Organic Chemistry</i> , 1995 , 60, 7272-7276	4.2	308
253	Overview on oxidation mechanisms of organic compounds by TiO ₂ in heterogeneous photocatalysis. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2012 , 13, 224-245	16.4	219
252	[Gd-AAZTA]-: a new structural entry for an improved generation of MRI contrast agents. <i>Inorganic Chemistry</i> , 2004 , 43, 7588-90	5.1	193
251	Tuning the adsorption properties of isorecticular pyrazolate-based metal-organic frameworks through ligand modification. <i>Journal of the American Chemical Society</i> , 2012 , 134, 12830-43	16.4	167
250	Photocatalytic Selective Oxidation of 4-Methoxybenzyl Alcohol to Aldehyde in Aqueous Suspension of Home-Prepared Titanium Dioxide Catalyst. <i>Advanced Synthesis and Catalysis</i> , 2007 , 349, 964-970	5.6	166
249	Selective photocatalytic oxidation of 4-substituted aromatic alcohols in water with rutile TiO ₂ prepared at room temperature. <i>Green Chemistry</i> , 2009 , 11, 510	10	158
248	An asymmetric approach to coumarin anticoagulants via hetero-Diels-Alder cycloaddition. <i>Tetrahedron: Asymmetry</i> , 2001 , 12, 707-709		148
247	Cubic octanuclear Ni(II) clusters in highly porous polypyrazolyl-based materials. <i>Journal of the American Chemical Society</i> , 2010 , 132, 7902-4	16.4	126
246	Azomethine ylide cycloaddition/reductive heterocyclization approach to oxindole alkaloids: asymmetric synthesis of (-)-horsfiline. <i>Journal of Organic Chemistry</i> , 2001 , 66, 8447-53	4.2	120
245	High-intensity ultrasound and microwave, alone or combined, promote Pd/C-catalyzed aryl-aryl couplings. <i>Tetrahedron Letters</i> , 2005 , 46, 2267-2271	2	119
244	Selectivity of hydroxyl radical in the partial oxidation of aromatic compounds in heterogeneous photocatalysis. <i>Catalysis Today</i> , 2007 , 122, 118-127	5.3	113
243	Oxidation of aromatic alcohols in irradiated aqueous suspensions of commercial and home-prepared rutile TiO ₂ : a selectivity study. <i>Chemistry - A European Journal</i> , 2008 , 14, 4640-6	4.8	112
242	Solar hydrogen: fuel of the near future. <i>Energy and Environmental Science</i> , 2010 , 3, 279	35.4	107

241	One-pot electrocatalytic oxidation of glycerol to DHA. <i>Tetrahedron Letters</i> , 2006 , 47, 6993-6995	2	96
240	Intramolecular Pd(II)-catalyzed cyclization of propargylamides: straightforward synthesis of 5-oxazolecarbaldehydes. <i>Journal of Organic Chemistry</i> , 2008 , 73, 4746-9	4.2	95
239	Heterogeneous Photocatalysis and Photoelectrocatalysis: From Unselective Abatement of Noxious Species to Selective Production of High-Value Chemicals. <i>Journal of Physical Chemistry Letters</i> , 2015 , 6, 1968-81	6.4	89
238	Silica-based hybrid coatings. <i>Journal of Materials Chemistry</i> , 2009 , 19, 3116		88
237	BIPV: merging the photovoltaic with the construction industry. <i>Progress in Photovoltaics: Research and Applications</i> , 2010 , 18, 61-72	6.8	87
236	Titania photocatalysts for selective oxidations in water. <i>ChemSusChem</i> , 2011 , 4, 1431-8	8.3	85
235	Oxindole alkaloids. A novel non-biomimetic entry to (±)-Horsfiline.. <i>Tetrahedron: Asymmetry</i> , 1996 , 7, 1-4		80
234	Environmentally Friendly Photocatalytic Oxidation of Aromatic Alcohol to Aldehyde in Aqueous Suspension of Brookite TiO ₂ . <i>Catalysis Letters</i> , 2008 , 126, 58-62	2.8	76
233	Influence of the substituent on selective photocatalytic oxidation of aromatic compounds in aqueous TiO ₂ suspensions. <i>Chemical Communications</i> , 2006 , 1012-4	5.8	76
232	Photocatalytic Selective Oxidation of 5-(Hydroxymethyl)-2-furaldehyde to 2,5-Furandicarbaldehyde in Water by Using Anatase, Rutile, and Brookite TiO ₂ Nanoparticles. <i>ACS Sustainable Chemistry and Engineering</i> , 2013 , 1, 456-461	8.3	73
231	[GdPCP2A(H ₂ O)(2)](-): a paramagnetic contrast agent designed for improved applications in magnetic resonance imaging. <i>Journal of Medicinal Chemistry</i> , 2000 , 43, 4017-24	8.3	73
230	Designing Novel Contrast Agents for Magnetic Resonance Imaging. Synthesis and Relaxometric Characterization of three Gadolinium(III) Complexes Based on Functionalized Pyridine-Containing Macrocyclic Ligands. <i>Helvetica Chimica Acta</i> , 2003 , 86, 615-632	2	72
229	Gold(I)-catalyzed cyclization of Allenylhydrazones: an efficient synthesis of multisubstituted N-aminopyrroles. <i>Organic Letters</i> , 2010 , 12, 4396-9	6.2	71
228	Nanochemistry aspects of titania in dye-sensitized solar cells. <i>Energy and Environmental Science</i> , 2009 , 2, 838	35.4	71
227	Oxidation of amines in the presence of ruthenium complexes: molecular oxygen and iodosylbenzene as oxidants. <i>Journal of Molecular Catalysis</i> , 1989 , 50, 333-341		71
226	Photocatalytic oxidation of aromatic alcohols to aldehydes in aqueous suspension of home-prepared titanium dioxide. <i>Applied Catalysis A: General</i> , 2008 , 349, 182-188	5.1	70
225	2008 ,		69
224	Synthesis of carboranyl derivatives of alkynyl glycosides as potential BNCT agents. <i>Tetrahedron</i> , 1999 , 55, 14123-14136	2.4	69

223	Synthesis of vanillin in water by TiO ₂ photocatalysis. <i>Applied Catalysis B: Environmental</i> , 2012 , 111-112, 555-561	21.8	68
222	An expeditious procedure for the isolation of ingenol from the seeds of euphorbia lathyris. <i>Journal of Natural Products</i> , 1999 , 62, 76-9	4.9	67
221	On the mechanism of nitrosoarene-alkyne cycloaddition. <i>Journal of the American Chemical Society</i> , 2009 , 131, 653-61	16.4	66
220	Non-covalent conjugates between cationic polyamino acids and Gd(III) chelates: a route for seeking accumulation of MRI-contrast agents at tumor targeting sites. <i>Chemistry - A European Journal</i> , 2000 , 6, 2609-17	4.8	65
219	Novel paramagnetic macromolecular complexes derived from the linkage of a macrocyclic Gd(III) complex to polyamino acids through a squaric acid moiety. <i>Bioconjugate Chemistry</i> , 1999 , 10, 192-9	6.3	64
218	Halloysite nanotube with fluorinated lumen: non-foaming nanocontainer for storage and controlled release of oxygen in aqueous media. <i>Journal of Colloid and Interface Science</i> , 2014 , 417, 66-71	9.3	63
217	Home-prepared anatase, rutile, and brookite TiO ₂ for selective photocatalytic oxidation of 4-methoxybenzyl alcohol in water: reactivity and ATR-FTIR study. <i>Photochemical and Photobiological Sciences</i> , 2009 , 8, 663-9	4.2	60
216	Photocatalytic oxidation of aromatic alcohols to aldehydes in aqueous suspension of home prepared titanium dioxide: 2. Intrinsic and surface features of catalysts. <i>Applied Catalysis A: General</i> , 2008 , 349, 189-197	5.1	60
215	The Suzuki homocoupling reaction under high-intensity ultrasound. <i>Ultrasonics Sonochemistry</i> , 2005 , 12, 91-4	8.9	60
214	The Aldol Reaction under High-Intensity Ultrasound: A Novel Approach to an Old Reaction. <i>European Journal of Organic Chemistry</i> , 2003 , 2003, 4438-4444	3.2	59
213	A new class of heterogeneous Pd catalysts for synthetic organic chemistry. <i>Catalysis Science and Technology</i> , 2011 , 1, 736	5.5	57
212	Heck Reactions with Very Low Ligandless Catalyst Loads Accelerated by Microwaves or Simultaneous Microwaves/Ultrasound Irradiation. <i>Advanced Synthesis and Catalysis</i> , 2007 , 349, 2338-2344	5.6	52
211	Synthesis of Indole Derivatives with Biological Activity by Reactions Between Unsaturated Hydrocarbons and N-Aromatic Precursors. <i>Current Organic Chemistry</i> , 2010 , 14, 2409-2441	1.7	51
210	Power ultrasound in metal-assisted synthesis: From classical Barbier-like reactions to click chemistry. <i>Ultrasonics Sonochemistry</i> , 2011 , 18, 836-41	8.9	51
209	A straightforward entry into enantiomerically enriched α -amino- β -hydroxyphosphonic acid derivatives. <i>Tetrahedron: Asymmetry</i> , 1998 , 9, 745-748		49
208	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. <i>Journal of Organic Chemistry</i> , 1994 , 59, 5556-5564	4.2	47
207	The chemical effects of molecular sol-gel entrapment. <i>Chemical Society Reviews</i> , 2007 , 36, 932-40	58.5	46
206	One-pot synthesis of meridianins and meridianin analogues via indolization of nitrosoarenes. <i>Tetrahedron</i> , 2010 , 66, 1280-1288	2.4	45

205	2-(Tributylstannyl)-1-[[2-(trimethylsilyl)ethoxy]methyl]-1H-indole: Synthesis and use as a 1H-indol-2-yl-anion equivalent. <i>Helvetica Chimica Acta</i> , 1993 , 76, 2356-2366	2	44
204	Inorganic semiconductors-graphene composites in photo(electro)catalysis: Synthetic strategies, interaction mechanisms and applications. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2017 , 33, 132-164	16.4	43
203	Graphite-supported TiO ₂ for 4-nitrophenol degradation in a photoelectrocatalytic reactor. <i>Chemical Engineering Journal</i> , 2009 , 155, 339-346	14.7	43
202	Cyclometallation of indole derivatives: cyclopalladation of gramine and 1-methyl gramine and CO insertion. <i>Journal of Organometallic Chemistry</i> , 1997 , 527, 93-102	2.3	43
201	Selective photocatalytic oxidation of aromatic alcohols in solar-irradiated aqueous suspensions of Pt, Au, Pd and Ag loaded TiO ₂ catalysts. <i>Catalysis Today</i> , 2017 , 281, 53-59	5.3	42
200	Efficient synthesis of N-methoxyindoles via alkylative cycloaddition of nitrosoarenes with alkynes. <i>Journal of Organic Chemistry</i> , 2006 , 71, 823-5	4.2	42
199	Rapid access to the highly oxygenated aspidosperma alkaloids vindoline, vindorosine, and cathovaline. <i>Journal of the Chemical Society Chemical Communications</i> , 1984 , 909		42
198	Contrast Agents for Magnetic Resonance Imaging: A Novel Route to Enhanced Relaxivities Based on the Interaction of a GdIII Chelate with Poly-β-cyclodextrins. <i>Chemistry - A European Journal</i> , 1999 , 5, 1253-1260	4.8	40
197	Photocatalytic green synthesis of piperonal in aqueous TiO ₂ suspension. <i>Applied Catalysis B: Environmental</i> , 2014 , 144, 607-613	21.8	39
196	Waste-Free Electrochemical Oxidation of Alcohols in Water. <i>Advanced Synthesis and Catalysis</i> , 2006 , 348, 2033-2037	5.6	39
195	Platinum(II) and technetium(I) complexes anchored to ethynylestradiol: a way to drug targeting and delivery. <i>Inorganica Chimica Acta</i> , 2004 , 357, 2157-2166	2.7	39
194	The chemistry of coumarin derivatives, part 2. Reaction of 4-hydroxycoumarin with α,β-unsaturated aldehydes. <i>Helvetica Chimica Acta</i> , 1990 , 73, 1865-1878	2	38
193	Electrodes Functionalized with the 2,2,6,6-Tetramethylpiperidinyloxy Radical for the Waste-Free Oxidation of Alcohols. <i>ChemCatChem</i> , 2015 , 7, 552-558	5.2	37
192	Synthesis of Furocoumarins via Rhodium(II)-Catalysed Heterocyclisation of 3-Diazobenzopyran-2,4-(3H)-dione with Terminal Alkynes. <i>Synthesis</i> , 2001 , 2001, 0735-0740	2.9	37
191	A Straightforward Entry into Polyketide Monoprenylated Furanocoumarins and Pyranocoumarins 1. <i>Journal of Natural Products</i> , 1999 , 62, 1627-1631	4.9	37
190	Synthesis and evaluation of phorboid 20-homovanillates: discovery of a class of ligands binding to the vanilloid (capsaicin) receptor with different degrees of cooperativity. <i>Journal of Medicinal Chemistry</i> , 1996 , 39, 3123-31	8.3	37
189	Micro-mesoporous N-doped brookite-rutile TiO ₂ as efficient catalysts for water remediation under UV-free visible LED radiation. <i>Journal of Catalysis</i> , 2017 , 346, 109-116	7.3	36
188	Radiation-free superhydrophilic and antifogging properties of e-beam evaporated TiO ₂ films on glass. <i>Applied Surface Science</i> , 2017 , 420, 83-93	6.7	36

187	Self-assembled titania-silica-epiolite based nanocomposites for water decontamination. <i>Journal of Materials Chemistry</i> , 2009 , 19, 2070		35
186	Base-modified pyrimidine nucleosides. Efficient entry to 6-derivatized uridines by sn-pd transmetallation-coupling process. <i>Tetrahedron</i> , 1993 , 49, 2533-2542	2.4	35
185	Fe(II)-Induced Fragmentation Reaction of β -Hydroperoxy- α,β -Enones. Part 1. Synthesis of 13(14- β)-abeo-Steroids. <i>Helvetica Chimica Acta</i> , 1987 , 70, 701-716	2	34
184	Fast, Solvent-Free, Microwave-Promoted Friedländer Annulation with a Reusable Solid Catalyst. <i>Synthetic Communications</i> , 2009 , 40, 120-128	1.7	33
183	Optical Properties of TiO ₂ Suspensions: Influence of pH and Powder Concentration on Mean Particle Size. <i>Industrial & Engineering Chemistry Research</i> , 2007 , 46, 7620-7626	3.9	33
182	The chemistry of coumarin derivatives. Part 3. Synthesis of 3-alkyl-4-hydroxycoumarins by reductive fragmentation of 3,3'-alkylidene-4,4'-dihydroxybis[coumarins]. <i>Helvetica Chimica Acta</i> , 1991 , 74, 1451-1458		33
181	Sol-gel entrapped visible light photocatalysts for selective conversions. <i>RSC Advances</i> , 2014 , 4, 18341-18346	3.7	32
180	(Pentamethylcyclopentadienyl)Iridium Dichloride Dimer {[IrCp*Cl ₂] ₂ }: A Novel Efficient Catalyst for the Cycloisomerizations of Homopropargylic Diols and N-Tethered Enynes. <i>Advanced Synthesis and Catalysis</i> , 2011 , 353, 1908-1912	5.6	32
179	Three-Component Iridium-Mediated Domino Allylation of 1H-Indole-3-carbaldehyde with Electron-Rich (Hetero)arenes: Highly Efficient Access to Various Functionalized Indolylbutenes. <i>European Journal of Organic Chemistry</i> , 2008 , 2008, 2801-2807	3.2	32
178	Convolutamidine A: the first authenticated absolute configuration and enantioselective synthesis. <i>Tetrahedron: Asymmetry</i> , 2006 , 17, 3070-3074		32
177	Photoelectrocatalytic selective oxidation of 4-methoxybenzyl alcohol in water by TiO ₂ supported on titanium anodes. <i>Applied Catalysis B: Environmental</i> , 2013 , 132-133, 535-542	21.8	31
176	One-pot sequential synthesis of isocyanates and urea derivatives via a microwave-assisted Staudinger-aza-Wittig reaction. <i>Beilstein Journal of Organic Chemistry</i> , 2013 , 9, 2378-86	2.5	30
175	Expeditious N-monoalkylation of 1,4,7,10-tetraazacyclododecane (cyclen) via formamido protection. <i>Tetrahedron Letters</i> , 2000 , 41, 6527-6530	2	30
174	(-)- β -Pinene as chiral promoter. Stereospecific access to (-)- β -amino- β -hydroxybutyric acid (gabob) and (β)-carnitine.2. <i>Tetrahedron</i> , 1985 , 41, 5607-5613	2.4	30
173	E-beam evaporated TiO ₂ and Cu-TiO ₂ on glass: Performance in the discoloration of methylene blue and 2-propanol oxidation. <i>Applied Catalysis A: General</i> , 2016 , 526, 191-199	5.1	30
172	Photocatalytic oxidation of nitrobenzene and phenylamine: Pathways and kinetics. <i>AIChE Journal</i> , 2007 , 53, 961-968	3.6	29
171	Advances in anti-scale magnetic water treatment. <i>Environmental Science: Water Research and Technology</i> , 2015 , 1, 408-425	4.2	28
170	Selective oxidation of phenol and benzoic acid in water via home-prepared TiO ₂ photocatalysts: Distribution of hydroxylation products. <i>Applied Catalysis A: General</i> , 2012 , 441-442, 79-89	5.1	28

169	Improved syntheses of bis(beta-cyclodextrin) derivatives, new carriers for gadolinium complexes. <i>Organic and Biomolecular Chemistry</i> , 2006 , 4, 1124-30	3.9	28
168	Polyoxygenated coumarins. Oxonium ylides en route to polyoxa-macrocyclic coumarins. <i>Tetrahedron</i> , 1999 , 55, 6577-6584	2.4	28
167	Kinetics of 4-Methoxybenzyl Alcohol Oxidation in Aqueous Solution in a Fixed Bed Photocatalytic Reactor. <i>Industrial & Engineering Chemistry Research</i> , 2010 , 49, 6699-6708	3.9	27
166	TiO ₂ /ORMOSIL Thin Films Doped with Phthalocyanine Dyes: New Photocatalytic Devices Activated by Solar Light. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 2667-2670	3.8	27
165	CD1a-binding glycosphingolipids stimulating human autoreactive T-cells: synthesis of a family of sulfatides differing in the acyl chain moiety. <i>Tetrahedron</i> , 2002 , 58, 8703-8708	2.4	27
164	Synthesis of C ₂ -symmetrical diamine based on (1R)-(+)-camphor and application to oxidative aryl coupling of naphthols. <i>Tetrahedron: Asymmetry</i> , 2003 , 14, 1451-1454		27
163	Aspidosperma alkaloids. Conversion of tabersonine into vindoline. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1987 , 155		27
162	Visible-light driven oxidation of gaseous aliphatic alcohols to the corresponding carbonyls via TiO ₂ sensitized by a perylene derivative. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 11135-41	5.1	26
161	Synthesis of Modified Ingenol Esters. <i>European Journal of Organic Chemistry</i> , 1999 , 1999, 3413-3420	3.2	26
160	A simple, efficient, regioselective and one-pot preparation of N-hydroxy- and N β -protected hydroxyindoles via cycloaddition of nitrosoarenes with alkynes. Synthetic scope, applications and novel by-products. <i>Tetrahedron</i> , 2013 , 69, 10906-10920	2.4	25
159	Enhancing selectivity in photocatalytic formation of p-anisaldehyde in aqueous suspension under solar light irradiation via TiO ₂ N-doping. <i>New Journal of Chemistry</i> , 2012 , 36, 1762	3.6	25
158	Statistical experimental design-driven discovery of room-temperature conditions for palladium-catalyzed cyanation of aryl bromides. <i>Tetrahedron Letters</i> , 2005 , 46, 1815-1818	2	25
157	Synthesis, X-ray structure and reactivity of cyclopalladated complexes of hydrazones of 1H-indole-3-carboxaldehyde. <i>Journal of Organometallic Chemistry</i> , 1995 , 488, 79-83	2.3	25
156	Lipase-mediated resolution of 2-cyclohexen-1-ols as chiral buildingblocks en route to eburnane alkaloids. <i>Tetrahedron: Asymmetry</i> , 1992 , 3, 775-784		25
155	Photocatalytic ozonation under visible light for the remediation of water effluents and its integration with an electro-membrane bioreactor. <i>Chemosphere</i> , 2018 , 209, 534-541	8.4	24
154	Autoxidation of tetrazepam in tablets: prediction of degradation impurities from the oxidative behavior in solution. <i>Journal of Pharmaceutical Sciences</i> , 1992 , 81, 183-5	3.9	24
153	Pyrrolizidine alkaloids. A concise entry to (±)-pyrrolam A. <i>Tetrahedron: Asymmetry</i> , 1997 , 8, 515-518		23
152	Novel cyclometallated Pd(II) and Pt(II) complexes with indole derivatives and their use as catalysts in Heck reaction. <i>Journal of Organometallic Chemistry</i> , 2005 , 690, 2017-2026	2.3	23

151	Citrate-stabilized gold nanoparticles hinder fibrillogenesis of a pathological variant of Emicroglobulin. <i>Nanoscale</i> , 2017 , 9, 3941-3951	7.7	22
150	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. <i>Chemistry Letters</i> , 2008 , 37, 956-957	1.7	22
149	Stepwise assembly of platinum folic acid conjugates. <i>Inorganica Chimica Acta</i> , 2008 , 361, 1447-1455	2.7	22
148	Dye-sensitized photo-oxygenation of the Aspidosperma alkaloids vincadifformine and tabersonine. A new, convenient approach to vincamine. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1982 , 1371		22
147	Five- and six-membered indole-fused platinacycles. <i>Journal of Organometallic Chemistry</i> , 1995 , 496, C1-C3		21
146	Aspidosperma alkaloids cyclization of secodine intermediate: Synthesis of (±)-3-oxovincadifformine ethyl ester.. <i>Tetrahedron</i> , 1994 , 50, 6941-6954	2.4	21
145	Filling the gap: Chemistry of 3,5-bis(trifluoromethyl)-1H-pyrazoles. <i>Journal of Fluorine Chemistry</i> , 2012 , 139, 53-57	2.1	20
144	Ultrasound-enhanced one-pot synthesis of 3-(Het)arylmethyl-4-hydroxycoumarins in water. <i>Ultrasonics Sonochemistry</i> , 2011 , 18, 652-60	8.9	20
143	Cyclopalladated complexes of Schiff bases of homoveratrylamine and tryptamine. Synthesis and CO insertion. <i>Inorganica Chimica Acta</i> , 1998 , 272, 18-23	2.7	20
142	A highly enantioselective synthesis of (±)-antirrhine by chemo-enzymatic approach. <i>Tetrahedron</i> , 1994 , 50, 8837-8852	2.4	20
141	Determination of Photoadsorption Capacity of Polychrystalline TiO ₂ Catalyst in Irradiated Slurry. <i>Advances in Chemical Engineering</i> , 2009 , 36, 1-35	0.6	19
140	ORMOSIL thin films: tuning mechanical properties via a nanochemistry approach. <i>Langmuir</i> , 2006 , 22, 11158-62	4	19
139	Unusual photochemical behaviour of the enone chromophore of the insect moulting hormone 20 β -hydroxyecdysone. <i>Journal of the Chemical Society Chemical Communications</i> , 1985 , 1321-1322		19
138	Alkaloids of <i>Ocotea acutangula</i> . <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1981 , 578		19
137	Influence of fluorine on the synthesis of anatase TiO ₂ for photocatalytic partial oxidation: are exposed facets the main actors?. <i>Catalysis Science and Technology</i> , 2018 , 8, 1606-1620	5.5	18
136	Synthesis of the Gd(III) complex with a tetrazole-armed macrocyclic ligand as a potential MRI contrast agent. <i>Tetrahedron Letters</i> , 2002 , 43, 783-786	2	18
135	Three-Component Tandem Knoevenagel/Hetero Diels-Alder Reactions Total Synthesis of (±)-Preethulia Coumarin. <i>European Journal of Organic Chemistry</i> , 2001 , 2001, 3711	3.2	18
134	First Enantioselective Synthesis of (-)-Akagerine by a Chemoenzymic Approach. <i>Journal of Organic Chemistry</i> , 1995 , 60, 2506-2513	4.2	18

133	Oxidation of .beta.-anilinoacrylate alkaloids vincadifformine and tabersonine by Fremy's salt. A mechanistic insight into the rearrangement of Aspidosperma to Hunteria eburnea alkaloids. <i>Journal of Organic Chemistry</i> , 1988 , 53, 1056-1064	4.2	18
132	Imine-enamine annelation: stereoselective syntheses of (E)-deplancheine. <i>Tetrahedron Letters</i> , 1982 , 23, 2139-2142	2	18
131	Photoelectrochemical activity of electrospun WO ₃ /NiWO ₄ nanofibers under visible light irradiation. <i>Journal of Materials Science</i> , 2018 , 53, 2208-2220	4.3	17
130	N-TiO ₂ /Cu-TiO ₂ double-layer films: Impact of stacking order on photocatalytic properties. <i>Journal of Catalysis</i> , 2017 , 353, 116-122	7.3	17
129	Synthesis of 2-hetaryl substituted indoles via palladium-catalysed reductive N-heterocyclisation. <i>Journal of Molecular Catalysis A</i> , 1998 , 135, 241-248		17
128	Diruthenium(II,II) tetrakis(acetate) as a catalyst of choice for intermolecular insertion of stabilized diazocompounds into O-H bonds. <i>Tetrahedron Letters</i> , 2002 , 43, 3637-3640	2	17
127	1-Hydroxyrutaecarpine from Euxylophora parasitica. <i>Phytochemistry</i> , 1974 , 13, 1603-1606	4	17
126	Validation of a two-dimensional modeling of an externally irradiated slurry photoreactor. <i>Chemical Engineering Journal</i> , 2015 , 262, 490-498	14.7	16
125	Synthesis of fercoprolone, a degraded prenylated coumarin. <i>Tetrahedron</i> , 1998 , 54, 10819-10826	2.4	16
124	Long-chain 3-acyl-4-hydroxycoumarins: structure and antibacterial activity. <i>Archiv Der Pharmazie</i> , 2006 , 339, 129-32	4.3	16
123	Allylindation of 1H-indole-3-carboxaldehyde in the presence of azoles revisited. <i>Tetrahedron Letters</i> , 2006 , 47, 6439-6443	2	16
122	Mannich reaction as a new route to pyridine-based polyaminocarboxylic ligands. <i>Organic Letters</i> , 2004 , 6, 1201-4	6.2	16
121	Accelerated Koenigs-Knorr glucuronidation of a deactivated nitrophenol: unveiling the role of polyamine additive 1,1,4,7,10,10-hexamethyltriethylenetetramine through design of experiments. <i>Journal of Organic Chemistry</i> , 2004 , 69, 1097-103	4.2	16
120	Indole alkaloids. A combined chemical and enzymatic route for eburnane ring construction : Formal synthesis of (E)-Eburnamonine. <i>Tetrahedron</i> , 1994 , 50, 9487-9494	2.4	16
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