

Giovanni Palmisano

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

258
papers

9,386
citations

49
h-index

86
g-index

292
ext. papers

10,117
ext. citations

4.9
avg, IF

5.86
L-index

#	Paper	IF	Citations
258	Design of a Microfluidic Photocatalytic Reactor for Removal of Volatile Organic Components: Process Simulation and Techno-Economic Assessment.. <i>ACS Omega</i> , 2022 , 7, 8306-8313	3.9	0
257	Techno-Economic Evaluation of Photocatalytic H ₂ S Splitting. <i>Energy Technology</i> , 2021 , 9, 2100163	3.5	1
256	Photocatalytic Degradation of 2-propanol Over TiO ₂ -based Thin Films in a Simulated Pilot Microreactor. <i>Journal of Photocatalysis</i> , 2021 , 2, 97-104	0.8	1
255	Techno-Economic Evaluation of Photocatalytic H ₂ S Splitting. <i>Energy Technology</i> , 2021 , 9, 2170082	3.5	0
254	A Direct, Regioselective and Atom-Economical Synthesis of 3-Aroyl-N-hydroxy-5-nitroindoles by Cycloaddition of 4-Nitronitrosobenzene with Alkynes. <i>Journal of Visualized Experiments</i> , 2020 ,	1.6	1
253	Water microbial disinfection via supported nAg/Kaolin in a fixed-bed reactor configuration. <i>Applied Clay Science</i> , 2020 , 184, 105387	5.2	6
252	Sputtered vs. sol-gel TiO ₂ -doped films: Characterization and assessment of aqueous bisphenol A oxidation under UV and visible light radiation. <i>Catalysis Today</i> , 2020 , 357, 380-391	5.3	6
251	Unveiling the role of bisulfide in the photocatalytic splitting of H ₂ S in aqueous solutions. <i>Applied Catalysis B: Environmental</i> , 2020 , 270, 118886	21.8	6
250	Combined photocatalytic properties and energy efficiency via multifunctional glass. <i>Journal of Environmental Chemical Engineering</i> , 2019 , 7, 102980	6.8	5
249	Long-Lasting Non-hydrogenated Dark Titanium Dioxide: Medium Vacuum Anneal for Enhanced Visible Activity of Modified Multiphase Photocatalysts. <i>ChemCatChem</i> , 2018 , 10, 2949-2954	5.2	15
248	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
247	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
246	A novel synthesis of N-hydroxy-3-aryloindoles and 3-aryloindoles. <i>Organic and Biomolecular Chemistry</i> , 2018 , 16, 6853-6859	3.9	12
245	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
244	Relating Photoelectrochemistry and Wettability of Sputtered Cu- and N-Doped TiO ₂ Thin Films via an Integrated Approach. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 12369-12376	3.8	15
243	Influence of the Preparation Temperature on the Photocatalytic Activity of 3D-Ordered Macroporous Anatase Formed with an Opal Polymer Template. <i>ACS Applied Nano Materials</i> , 2018 , 1, 2567-2578	5.6	6
242	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

241	Towards the Broad Utilization of Gold Nanoparticles Entrapped in Organosilica. <i>ChemCatChem</i> , 2017 , 9, 1322-1328	5.2	4
240	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
239	Citrate-stabilized gold nanoparticles hinder fibrillogenesis of a pathological variant of Emicroglobulin. <i>Nanoscale</i> , 2017 , 9, 3941-3951	7.7	22
238	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
237	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
236	Excited state dynamics of bis-dehydroxycurcumin tert-butyl ester, a diketo-shifted derivative of the photosensitizer curcumin. <i>PLoS ONE</i> , 2017 , 12, e0175225	3.7	0
235	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
234	Antifouling and Photocatalytic Antibacterial Activity of the AquaSun Coating in Seawater and Related Media. <i>ACS Omega</i> , 2017 , 2, 7568-7575	3.9	8
233	Cu(II) bifunctional (N,O,O?) coordination polymer: A case study for complex ab-initio crystal structure determination from PXRD data. <i>Solid State Sciences</i> , 2017 , 71, 22-28	3.4	2
232	Fluorescence studies on 2-(het)aryl perimidine derivatives. <i>Journal of Luminescence</i> , 2016 , 179, 384-392	3.8	5
231	Silica-Based Sol-Gel Coatings: A Critical Perspective from a Practical Viewpoint 2016 , 149-159		5
230	Integrated Nano- and Macroscale Investigation of Photoinduced Hydrophilicity in TiO ₂ Thin Films. <i>Langmuir</i> , 2016 , 32, 11813-11818	4	12
229	Selective photooxidation of ortho-substituted benzyl alcohols and the catalytic role of ortho-methoxybenzaldehyde. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016 , 328, 122-128	4.7	5
228	Photocatalytic activity of an electrophoretically deposited composite titanium dioxide membrane using carbon cloth as a conducting substrate. <i>RSC Advances</i> , 2016 , 6, 64219-64227	3.7	5
227	CHAPTER 11:New Synthetic Routes in Heterogeneous Photocatalysis. <i>RSC Energy and Environment Series</i> , 2016 , 303-344	0.6	2
226	Heterogeneous Photochemistry: Solar Energy Conversion and Environmental Remediation. <i>International Journal of Photoenergy</i> , 2016 , 2016, 1-1	2.1	
225	Nanoflower-Like Bi ₂ WO ₆ Encapsulated in ORMOSIL as a Novel Photocatalytic Antifouling and Foul-Release Coating. <i>Chemistry - A European Journal</i> , 2016 , 22, 7063-7	4.8	13
224	Reviewing the Manifold Aspects of Ganciclovir Crystal Forms. <i>Crystal Growth and Design</i> , 2016 , 16, 4108-4118	3.1	4

223	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
222	Nanostructured anatase TiO ₂ densified at high pressure as advanced visible light photocatalysts. <i>Photochemical and Photobiological Sciences</i> , 2015 , 14, 1685-93	4.2	15
221	One-pot sonochemical synthesis of ferrocenyl derivatives via a three-component reaction in aqueous media. <i>Ultrasonics Sonochemistry</i> , 2015 , 27, 30-36	8.9	13
220	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
219	Unexpectedly ambivalent O ₂ role in the autocatalytic photooxidation of 2-methoxybenzyl alcohol in water. <i>Journal of Molecular Catalysis A</i> , 2015 , 403, 37-42		6
218	Catalysis in glycerol: a survey of recent advances. <i>Chemical Papers</i> , 2015 , 69,	1.9	14
217	Validation of a two-dimensional modeling of an externally irradiated slurry photoreactor. <i>Chemical Engineering Journal</i> , 2015 , 262, 490-498	14.7	16
216	Difluprednate: more than meets the eye. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015 , 102, 305-13	3.5	7
215	SolGel for Environmentally Green Products 2015 , 1055-1070		1
214	Advances in anti-scale magnetic water treatment. <i>Environmental Science: Water Research and Technology</i> , 2015 , 1, 408-425	4.2	28
213	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
212	N-Doped Anatase/Rutile Photocatalysts for the Synthesis of Aromatic Aldehydes Under Ultraviolet and Solar Irradiation. <i>Science of Advanced Materials</i> , 2015 , 7, 2306-2319	2.3	10
211	A novel porphyrazine ligand tailored to homogeneous metal catalyzed transformations. <i>Arkivoc</i> , 2015 , 2014, 72-85	0.9	4
210	Sol-gel entrapped visible light photocatalysts for selective conversions. <i>RSC Advances</i> , 2014 , 4, 18341-18346	3.7	32
209	Crystal chemistry of the antibiotic doripenem. <i>Journal of Pharmaceutical Sciences</i> , 2014 , 103, 3641-3647	3.9	9
208	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
207	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
206	Erratum to Two-Dimensional Modeling of an Externally Irradiated Slurry Photoreactor. <i>International Journal of Chemical Reactor Engineering</i> , 2014 , 12, 665-665	1.2	

205	(1H-Benzo[d][1,2,3]triazol-1-yl)(5-bromo-1-hydroxy-1H-indol-3-yl)methanone. <i>MolBank</i> , 2014 , 2014, M820.5		2
204	Photocatalytic green synthesis of piperonal in aqueous TiO ₂ suspension. <i>Applied Catalysis B: Environmental</i> , 2014 , 144, 607-613	21.8	39
203	Möhlau Anthradipyrazole Revisited: A New Look at an Old Molecular System. <i>Crystal Growth and Design</i> , 2013 , 13, 4948-4956	3.5	11
202	Synthesis and solid-state structure of thermally stable linear bi-pyrazoles. <i>Solid State Sciences</i> , 2013 , 22, 43-49	3.4	6
201	A simple, efficient, regioselective and one-pot preparation of N-hydroxy- and N ^o -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
200	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
199	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
198	Two-Dimensional Modeling of an Externally Irradiated Slurry Photoreactor. <i>International Journal of Chemical Reactor Engineering</i> , 2013 , 11, 675-685	1.2	7
197	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
196	A structurally diverse heterocyclic library by decoration of oxcarbazepine scaffold. <i>Molecules</i> , 2013 , 18, 13705-22	4.8	3
195	Filling the gap: Chemistry of 3,5-bis(trifluoromethyl)-1H-pyrazoles. <i>Journal of Fluorine Chemistry</i> , 2012 , 139, 53-57	2.1	20
194	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
193	Excited-state dynamics of bis-dehydroxycurcumin carboxylic acid, a water-soluble derivative of the photosensitizer curcumin. <i>Journal of Physical Chemistry A</i> , 2012 , 116, 9321-30	2.8	15
192	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
191	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
190	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
189	Synthesis of vanillin in water by TiO ₂ photocatalysis. <i>Applied Catalysis B: Environmental</i> , 2012 , 111-112, 555-561	21.8	68
188	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. <i>Synthesis</i> , 2012 , 44, 3523-3533	2.9	14

187	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
186	A new class of heterogeneous Pd catalysts for synthetic organic chemistry. <i>Catalysis Science and Technology</i> , 2011 , 1, 736	5.5	57
185	(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
184	Titania photocatalysts for selective oxidations in water. <i>ChemSusChem</i> , 2011 , 4, 1431-8	8.3	85
183	Ultrasound-enhanced one-pot synthesis of 3-(Het)arylmethyl-4-hydroxycoumarins in water. <i>Ultrasonics Sonochemistry</i> , 2011 , 18, 652-60	8.9	20
182	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
181	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
180	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
179	Solar hydrogen: fuel of the near future. <i>Energy and Environmental Science</i> , 2010 , 3, 279	35.4	107
178	Gold(I)-catalyzed cyclization of Allenylhydrazones: an efficient synthesis of multisubstituted N-aminopyrroles. <i>Organic Letters</i> , 2010 , 12, 4396-9	6.2	71
177	Advances in selective conversions by heterogeneous photocatalysis. <i>Chemical Communications</i> , 2010 , 46, 7074-89	5.8	322
176	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
175	Thiazolo[5,4-d]thiazole-2,5-dicarboxylic acid, C ₆ H ₂ N ₂ O ₄ S ₂ , and its coordination polymers. <i>Solid State Sciences</i> , 2010 , 12, 795-802	3.4	12
174	One-pot synthesis of meridianins and meridianin analogues via indolization of nitrosoarenes. <i>Tetrahedron</i> , 2010 , 66, 1280-1288	2.4	45
173	BIPV: merging the photovoltaic with the construction industry. <i>Progress in Photovoltaics: Research and Applications</i> , 2010 , 18, 61-72	6.8	87
172	On form dictating function: shape and structural effects in silica-based functional materials. <i>Chemical Record</i> , 2010 , 10, 17-28	6.6	8
171	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
170	Graphite-supported TiO ₂ for 4-nitrophenol degradation in a photoelectrocatalytic reactor. <i>Chemical Engineering Journal</i> , 2009 , 155, 339-346	14.7	43

169	A quantitative method of photoadsorption determination for irradiated catalyst in liquid-solid system. <i>Catalysis Today</i> , 2009 , 143, 189-194	5.3	9
168	Structures from powders: diflorasone diacetate. <i>Steroids</i> , 2009 , 74, 102-11	2.8	9
167	On the mechanism of nitrosoarene-alkyne cycloaddition. <i>Journal of the American Chemical Society</i> , 2009 , 131, 653-61	16.4	66
166	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
165	Nanochemistry aspects of titania in dye-sensitized solar cells. <i>Energy and Environmental Science</i> , 2009 , 2, 838	35.4	71
164	Self-assembled titania-silica-epiolite based nanocomposites for water decontamination. <i>Journal of Materials Chemistry</i> , 2009 , 19, 2070		35
163	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
162	Fast, Solvent-Free, Microwave-Promoted Friedländer Annulation with a Reusable Solid Catalyst. <i>Synthetic Communications</i> , 2009 , 40, 120-128	1.7	33
161	NanoMORALS - Metal nanoparticles doped with organic molecules. <i>Canadian Journal of Chemistry</i> , 2009 , 87, 673-677	0.9	9
160	Silica-based hybrid coatings. <i>Journal of Materials Chemistry</i> , 2009 , 19, 3116		88
159	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
158	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
157	Enhanced Mechanical Properties in Organofluorosilica Thin Films. <i>Journal of Nanomaterials</i> , 2008 , 2008, 1-5	3.2	2
156	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
155	2008 ,		69
154	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
153	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
152	Three-Component Indium-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

151	NorDATA: An original ligand based on the norbornane skeleton. Synthesis and thermodynamic characterization of metal complexes. <i>Polyhedron</i> , 2008 , 27, 3683-3687	2.7	3
150	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
149	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
148	Stepwise assembly of platinum/folic acid conjugates. <i>Inorganica Chimica Acta</i> , 2008 , 361, 1447-1455	2.7	22
147	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
146	The chemical effects of molecular sol-gel entrapment. <i>Chemical Society Reviews</i> , 2007 , 36, 932-40	58.5	46
145	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
144	Photocatalysis: a promising route for 21st century organic chemistry. <i>Chemical Communications</i> , 2007 , 3425-37	5.8	562
143	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
142	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
141	Photocatalytic oxidation of nitrobenzene and phenylamine: Pathways and kinetics. <i>AIChE Journal</i> , 2007 , 53, 961-968	3.6	29
140	Cyclization reactions of coumarin derivatives: Chemo- and regioselectivity effects of oxygen/sulfur isosteric replacement. <i>Journal of Heterocyclic Chemistry</i> , 2007 , 44, 411-418	1.9	2
139	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
138	Structural insight on organosilica electrodes for waste-free alcohol oxidations. <i>Catalysis Letters</i> , 2007 , 114, 55-58	2.8	5
137	A degradation product of halobetasol propionate: characterization and structure. <i>Steroids</i> , 2007 , 72, 787-91	2.8	5
136	Novel functionalized pyridine-containing DTPA-like ligand. Synthesis, computational studies and characterization of the corresponding Gd(III) complex. <i>Organic and Biomolecular Chemistry</i> , 2007 , 5, 2441-2447	3.9	15
135	Convolutamidine A: the first authenticated absolute configuration and enantioselective synthesis. <i>Tetrahedron: Asymmetry</i> , 2006 , 17, 3070-3074		32
134	Long-chain 3-acyl-4-hydroxycoumarins: structure and antibacterial activity. <i>Archiv Der Pharmazie</i> , 2006 , 339, 129-32	4.3	16

133	A preliminary investigation of total organic carbon variation in influent and effluent of Isfahan (Iran) water treatment plant, urban network and Fellman wells. <i>Annali Di Chimica</i> , 2006 , 96, 389-98		
132	Waste-Free Electrochemical Oxidation of Alcohols in Water. <i>Advanced Synthesis and Catalysis</i> , 2006 , 348, 2033-2037	5.6	39
131	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
130	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
129	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
128	ORMOSIL thin films: tuning mechanical properties via a nanochemistry approach. <i>Langmuir</i> , 2006 , 22, 11158-62	4	19
127	Allylindation of 1H-indole-3-carboxaldehyde in the presence of azoles—revisited. <i>Tetrahedron Letters</i> , 2006 , 47, 6439-6443	2	16
126	One-pot electrocatalytic oxidation of glycerol to DHA. <i>Tetrahedron Letters</i> , 2006 , 47, 6993-6995	2	96
125	Polycyclic compounds from aminopolyols and alpha-dicarbonyls: structure and application in the synthesis of exoditopic ligands. <i>Organic and Biomolecular Chemistry</i> , 2005 , 3, 1489-94	3.9	9
124	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
123	The Suzuki homocoupling reaction under high-intensity ultrasound. <i>Ultrasonics Sonochemistry</i> , 2005 , 12, 91-4	8.9	60
122	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
121	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
120	Gadolinium(III) Complexes of dota-Derived N-Sulfonylacetamides (H ₄ (dota-NHSO ₂ R)=10-{2-[(R)sulfonylamino]-2-oxoethyl}-1,4,7,10-tetraazacyclododecane-1,4,7-triacetic Acid): A New Class of Relaxation Agents for Magnetic Resonance Imaging Applications. <i>Helvetica Chimica Acta</i> , 2005 , 88, 588-603		11
119	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
118	Synthesis of new polyoxapolycarboxylic ligands for lanthanide(III) ions complexation. <i>Tetrahedron Letters</i> , 2004 , 45, 5901-5903	2	6
117	Umbelliferone aminoalkyl derivatives, a new class of squalene-hopene cyclase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2004 , 39, 917-24	6.8	11
116	[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

115	Mannich reaction as a new route to pyridine-based polyaminocarboxylic ligands. <i>Organic Letters</i> , 2004 , 6, 1201-4	6.2	16
114	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
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