

Alessandro Di Michele

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2565644/publications.pdf>

Version: 2024-02-01

135
papers

3,444
citations

136885

32
h-index

182361

51
g-index

135
all docs

135
docs citations

135
times ranked

4814
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of SiO ₂ -based scaffolds in TiO ₂ photocatalyzed CO ₂ reduction. <i>Catalysis Today</i> , 2022, 387, 54-60.	2.2	10
2	CuZSM-5@HMS composite as an efficient micro-mesoporous catalyst for conversion of sugars into levulinic acid. <i>Catalysis Today</i> , 2022, 390-391, 146-161.	2.2	8
3	Multipurpose plant species and circular economy: <i>Corylus avellana</i> L. as a study case. <i>Frontiers in Bioscience</i> , 2022, 27, 1.	0.8	10
4	Bioadhesive patches based on carboxymethyl cellulose/polyvinylpyrrolidone/bentonite composites and Soluplus® for skin administration of poorly soluble molecules. <i>Applied Clay Science</i> , 2022, 216, 106377.	2.6	7
5	Brillouin-Raman microspectroscopy for the morpho-mechanical imaging of human lamellar bone. <i>Journal of the Royal Society Interface</i> , 2022, 19, 20210642.	1.5	8
6	Synthesis of a Lignin/Zinc Oxide Hybrid Nanoparticles System and Its Application by Nano-Priming in Maize. <i>Nanomaterials</i> , 2022, 12, 568.	1.9	14
7	Wound Dressing: Combination of Acacia Gum/PVP/Cyclic Dextrin in Bioadhesive Patches Loaded with Grape Seed Extract. <i>Pharmaceutics</i> , 2022, 14, 485.	2.0	12
8	Immobilizing Enzymes on a Commercial Polymer: Performance Analysis of a GOx-Laccase Based Enzymatic Biofuel Cell Assembly. <i>Energies</i> , 2022, 15, 2182.	1.6	5
9	Photocatalytic Reduction of Nitrates and Combined Photodegradation with Ammonium. <i>Catalysts</i> , 2022, 12, 321.	1.6	3
10	3D electron diffraction study of terrestrial iron oxide alteration in the Mineo pallasite. <i>Mineralogical Magazine</i> , 2022, 86, 272-281.	0.6	2
11	HexA-Enzyme Coated Polymer Nanoparticles for the Development of a Drug-Delivery System in the Treatment of Sandhoff Lysosomal Storage Disease. <i>Journal of Functional Biomaterials</i> , 2022, 13, 37.	1.8	4
12	Selective Hydrogenation of 5-Hydroxymethylfurfural to 2,5-Hexanedione by Biochar-Supported Ru Catalysts. <i>ChemSusChem</i> , 2022, 15, .	3.6	7
13	Silver@Hydroxyapatite functionalized calcium carbonate composites: characterization, antibacterial and antibiofilm activities and cytotoxicity. <i>Applied Surface Science</i> , 2022, 586, 152760.	3.1	12
14	Visible light responsive heterostructure HTDMA-BiPO ₄ modified clays for effective diclofenac sodium oxidation: Role of interface interactions and basal spacing. <i>Journal of Water Process Engineering</i> , 2022, 48, 102788.	2.6	14
15	First joint observation by the underground gravitational-wave detector KAGRA with GEO 600. <i>Progress of Theoretical and Experimental Physics</i> , 2022, 2022, .	1.8	20
16	Photocatalytic behaviour of Ag ₃ PO ₄ , Fe ₃ O ₄ and Ag ₃ PO ₄ /Fe ₃ O ₄ heterojunction towards the removal of organic pollutants and Cr(VI) from water: Efficiency and light-corrosion deactivation. <i>Inorganic Chemistry Communication</i> , 2022, 141, 109516.	1.8	18
17	MgAl and ZnAl-Hydrotalcites as Materials for Cosmetic and Pharmaceutical Formulations: Study of Their Cytotoxicity on Different Cell Lines. <i>Pharmaceutics</i> , 2022, 15, 784.	1.7	5
18	Effects of Selenium-Methionine against Heat Stress in Ca ²⁺ -Cytosolic and Germination of Olive Pollen Performance. <i>Agriculture (Switzerland)</i> , 2022, 12, 826.	1.4	1

#	ARTICLE	IF	CITATIONS
19	Bio-mechanical characterization of a CAD/CAM PMMA resin for digital removable prostheses. Dental Materials, 2021, 37, e118-e130.	1.6	31
20	Covalent Immobilization of Proteases on Polylactic Acid for Proteins Hydrolysis and Waste Biomass Protein Content Valorization. Catalysts, 2021, 11, 167.	1.6	11
21	Flame Pyrolysis Synthesis of Mixed Oxides for Glycerol Steam Reforming. Materials, 2021, 14, 652.	1.3	4
22	Development and Characterization of Xanthan Gum and Alginate Based Bioadhesive Film for Pycnogenol Topical Use in Wound Treatment. Pharmaceutics, 2021, 13, 324.	2.0	25
23	Bioinspired Reactive Interfaces Based on Layered Double Hydroxides-Zn Rich Hydroxyapatite with Antibacterial Activity. ACS Biomaterials Science and Engineering, 2021, 7, 1361-1373.	2.6	15
24	Optical and mechanical properties of ion-beam-sputtered $\text{Ta}_{2.5}\text{O}_5/\text{ZrO}_2$ thin films for gravitational-wave detectors. Classical and Quantum Gravity, 2021, 38, 195021.	1.6	13
25	Heat-activated burn tobacco (IQOS), oral fibroblasts and keratinocytes: cytotoxicity, morphological analysis, apoptosis and cellular cycle. An in vitro study. Journal of Periodontal Research, 2021, 56, 917-928.	1.4	19
26	Enhanced Stability of Long-Living Immobilized Recombinant \hat{I}^2 -d-N-Acetyl-Hexosaminidase A on Polylactic Acid (PLA) Films for Potential Biomedical Applications. Journal of Functional Biomaterials, 2021, 12, 32.	1.8	6
27	Biogenic ZnO Nanoparticles Synthesized Using a Novel Plant Extract: Application to Enhance Physiological and Biochemical Traits in Maize. Nanomaterials, 2021, 11, 1270.	1.9	50
28	High hydrostatic pressure treatment of Arthrospira (Spirulina) platensis extracts and the baroprotective effect of sugars on phycobiliproteins. Innovative Food Science and Emerging Technologies, 2021, 70, 102693.	2.7	17
29	Development of sodium carboxymethyl cellulose based polymeric microparticles for in situ hydrogel wound dressing formation. International Journal of Pharmaceutics, 2021, 602, 120606.	2.6	18
30	Recyclable Ir Nanoparticles for the Catalytic Hydrogenation of Biomass-Derived Carbonyl Compounds. Catalysts, 2021, 11, 914.	1.6	2
31	Emulgel Loaded with Flaxseed Extracts as New Therapeutic Approach in Wound Treatment. Pharmaceutics, 2021, 13, 1107.	2.0	12
32	Selective Inhibition of Wild Sunflower Reproduction with Mugwort Aqueous Extract, Tested on Cytosolic Ca^{2+} and Germination of the Pollen Grains. Plants, 2021, 10, 1364.	1.6	2
33	Traditional Venetian marmorino: Effect of zinc-based oxides on self-bleaching properties. Journal of Cultural Heritage, 2021, 50, 171-178.	1.5	1
34	Hydroxyapatite Functionalized Calcium Carbonate Composites with Ag Nanoparticles: An Integrated Characterization Study. Nanomaterials, 2021, 11, 2263.	1.9	7
35	Exploration of co-sputtered $\text{Ta}_{2.5}\text{O}_5/\text{ZrO}_2$ thin films for gravitational-wave detectors. Classical and Quantum Gravity, 2021, 38, 195021.	1.5	15
36	PVC grafted zinc oxide nanoparticles as an inhospitable surface to microbes. Materials Science and Engineering C, 2021, 128, 112290.	3.8	8

#	ARTICLE	IF	CITATIONS
37	Efficient enantioresolution of aromatic $\hat{\pm}$ -hydroxy acids with Cinchona alkaloid-based zwitterionic stationary phases and volatile polar-ionic eluents. <i>Analytica Chimica Acta</i> , 2021, 1180, 338928.	2.6	8
38	Bismuth Oxyhalides for NOx Degradation under Visible Light: The Role of the Chloride Precursor. <i>Catalysts</i> , 2021, 11, 81.	1.6	4
39	Alginate-based microparticles structured with different biopolymers and enriched with a phenolic-rich olive leaves extract: A physico-chemical characterization. <i>Current Research in Food Science</i> , 2021, 4, 698-706.	2.7	15
40	Structural and Functional Behaviour of Ce-Doped Wide-Bandgap Semiconductors for Photo-Catalytic Applications. <i>Catalysts</i> , 2021, 11, 1209.	1.6	0
41	Persistence of the Effects of Se-Fertilization in Olive Trees over Time, Monitored with the Cytosolic Ca ²⁺ and with the Germination of Pollen. <i>Plants</i> , 2021, 10, 2290.	1.6	4
42	Hazelnut Shells as Source of Active Ingredients: Extracts Preparation and Characterization. <i>Molecules</i> , 2021, 26, 6607.	1.7	13
43	Pd ^{II} -Au Bimetallic Catalysts for the Hydrogenation of Muconic Acid to Bio-Adipic Acid. <i>Catalysts</i> , 2021, 11, 1313.	1.6	5
44	Effects of Titanium Dioxide Nanoparticles on Porcine Prepubertal Sertoli Cells: An <i>in Vitro</i> Study. <i>Frontiers in Endocrinology</i> , 2021, 12, 751915.	1.5	11
45	Enantioseparation of novel anti-inflammatory chiral sulfoxides with two cellulose dichlorophenylcarbamate-based chiral stationary phases and polar-organic mobile phase(s). <i>Journal of Chromatography Open</i> , 2021, 1, 100022.	0.8	4
46	Effect of chelating and antioxidant agents on morphology and DNA methylation in freeze-drying rabbit (<i>Oryctolagus cuniculus</i>) spermatozoa. <i>Reproduction in Domestic Animals</i> , 2020, 55, 29-37.	0.6	8
47	Effect of Encapsulation Process on Technological Functionality and Stability of <i>Spirulina Platensis</i> Extract. <i>Food Biophysics</i> , 2020, 15, 50-63.	1.4	14
48	Photochemical vs. photocatalytic azo-dye removal in a pilot free-surface reactor: Is the catalyst effective?. <i>Separation and Purification Technology</i> , 2020, 237, 116320.	3.9	14
49	Novel Nanocomposite PLA Films with Lignin/Zinc Oxide Hybrids: Design, Characterization, Interaction with Mesenchymal Stem Cells. <i>Nanomaterials</i> , 2020, 10, 2176.	1.9	24
50	How to Power the Energy-Water Nexus: Coupling Desalination and Hydrogen Energy Storage in Mini-Grids with Reversible Solid Oxide Cells. <i>Processes</i> , 2020, 8, 1494.	1.3	15
51	Redox-Sensitive Glyoxalase 1 Up-Regulation Is Crucial for Protecting Human Lung Cells from Gold Nanoparticles Toxicity. <i>Antioxidants</i> , 2020, 9, 697.	2.2	10
52	Layered double hydroxides intercalated with fluoride and methacrylate anions as multifunctional filler of acrylic resins for dental composites. <i>Applied Clay Science</i> , 2020, 197, 105796.	2.6	4
53	Polymeric Bioadhesive Patch Based on Ketoprofen-Hydrotalcite Hybrid for Local Treatments. <i>Pharmaceutics</i> , 2020, 12, 733.	2.0	9
54	Preparation and characterization of polymeric microparticles loaded with <i>Moringa oleifera</i> leaf extract for exuding wound treatment. <i>International Journal of Pharmaceutics</i> , 2020, 587, 119700.	2.6	22

#	ARTICLE	IF	CITATIONS
55	Improved Achiral and Chiral HPLC-UV Analysis of Ruxolitinib in Two Different Drug Formulations. Separations, 2020, 7, 47.	1.1	7
56	Photoreforming of Glucose over CuO/TiO ₂ . Catalysts, 2020, 10, 477.	1.6	24
57	Integrating experimental and computational techniques to study chromatographic enantioresolutions of chiral tetrahydroindazole derivatives. Journal of Chromatography A, 2020, 1625, 461310.	1.8	3
58	Biocompatible alginate silica supported silver nanoparticles composite films for wound dressing with antibiofilm activity. Materials Science and Engineering C, 2020, 112, 110863.	3.8	60
59	Sustainable photocatalytic porcelain grÃ©s slabs active under LED light for indoor depollution and bacteria reduction. , 2020, , 59-71.		1
60	Nonlinear desorption activation energy from TPD curves: Analysis of the influence of initial values for the regression procedure. Canadian Journal of Chemical Engineering, 2020, 98, 1115-1123.	0.9	1
61	Role of saccharides on thermal stability of phycocyanin in aqueous solutions. Food Research International, 2020, 132, 109093.	2.9	37
62	Chromatographic resolution of phenylethanoic-azole racemic compounds highlighted stereoselective inhibition of heme oxygenase-1 by (R)-enantiomers. Bioorganic Chemistry, 2020, 99, 103777.	2.0	11
63	Ultrasound-assisted synthesis of ZnO photocatalysts for gas phase pollutant remediation: Role of the synthetic parameters and of promotion with WO ₃ . Ultrasonics Sonochemistry, 2020, 66, 105119.	3.8	21
64	Low pressure conversion of CO ₂ to methanol over Cu/Zn/Al catalysts. The effect of Mg, Ca and Sr as basic promoters. Fuel, 2020, 274, 117804.	3.4	42
65	New Technological Approach for Glycyrrhetic Acid Oral and Topical Administration. Current Pharmaceutical Design, 2020, 26, 664-674.	0.9	4
66	Effect of the Nano-Ca(OH) ₂ Addition on the Portland Clinker Cooking Efficiency. Materials, 2019, 12, 1787.	1.3	1
67	Nickel based catalysts for methane dry reforming: Effect of supports on catalytic activity and stability. International Journal of Hydrogen Energy, 2019, 44, 28065-28076.	3.8	51
68	Biocompatible Polymer Nanoparticles for Drug Delivery Applications in Cancer and Neurodegenerative Disorder Therapies. Journal of Functional Biomaterials, 2019, 10, 4.	1.8	291
69	Quick Degradation Detection on Biogas-Fuelled SOFCs. ECS Transactions, 2019, 91, 1571-1580.	0.3	1
70	Selenium maintains cytosolic Ca ²⁺ homeostasis and preserves germination rates of maize pollen under H ₂ O ₂ -induced oxidative stress. Scientific Reports, 2019, 9, 13502.	1.6	14
71	Active Role of ZnO Nanorods in Thermomechanical and Barrier Performance of Poly(vinyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	2.0	8
72	Development and validation of a Ni-based catalyst for carbon dioxide dry reforming of methane process coupled to solid oxide fuel cells. International Journal of Hydrogen Energy, 2019, 44, 16582-16593.	3.8	15

#	ARTICLE	IF	CITATIONS
73	Multifunctional and Environmentally Friendly TiO ₂ @SiO ₂ Mesoporous Materials for Sustainable Green Buildings. <i>Molecules</i> , 2019, 24, 4226.	1.7	12
74	Enzymatic fuel cell technology for energy production from bio-sources. <i>AIP Conference Proceedings</i> , 2019, , .	0.3	16
75	Exploiting Chemical Toolboxes for the Expedited Generation of Tetracyclic Quinolines as a Novel Class of PXR Agonists. <i>ACS Medicinal Chemistry Letters</i> , 2019, 10, 677-681.	1.3	25
76	Catalytic application of ferrierite nanocrystals in vapour-phase dehydration of methanol to dimethyl ether. <i>Applied Catalysis B: Environmental</i> , 2019, 243, 273-282.	10.8	65
77	Energy harvesting from a bio cell. <i>Nano Energy</i> , 2019, 56, 823-827.	8.2	23
78	Steam reforming of ethanol over Ni/MgAl ₂ O ₄ catalysts. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 952-964.	3.8	67
79	Application of Palynomorph Darkness Index (PDI) to assess the thermal maturity of palynomorphs: A case study from North Africa. <i>International Journal of Coal Geology</i> , 2018, 188, 64-78.	1.9	26
80	Nanostructured starch combined with hydroxytyrosol in poly(vinyl alcohol) based ternary films as active packaging system. <i>Carbohydrate Polymers</i> , 2018, 193, 239-248.	5.1	56
81	Chemical and mineralogical characterization of the Mineo (Sicily, Italy) pallasite: A unique sample. <i>Meteoritics and Planetary Science</i> , 2018, 53, 268-283.	0.7	9
82	Chiral separation of helical chromenes with chloromethyl phenylcarbamate polysaccharide-based stationary phases. <i>Journal of Separation Science</i> , 2018, 41, 1266-1273.	1.3	15
83	Development of La Doped Ni/CeO ₂ for CH ₄ /CO ₂ Reforming. <i>Journal of Carbon Research</i> , 2018, 4, 60.	1.4	12
84	Catalytic conversion of Venice lagoon brown marine algae for producing hydrogen-rich gas and valuable biochemical using algal biochar and Ni/SBA-15 catalyst. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 19918-19929.	3.8	55
85	Increase of Ceria Redox Ability by Lanthanum Addition on Ni Based Catalysts for Hydrogen Production. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 13867-13876.	3.2	32
86	Interference of three herbicides on iron acquisition in maize plants. <i>Chemosphere</i> , 2018, 206, 424-431.	4.2	20
87	Time-domain THz spectroscopy of the characteristics of hydroxyapatite provides a signature of heating in bone tissue. <i>PLoS ONE</i> , 2018, 13, e0201745.	1.1	3
88	High charge density silica micro-electrets fabricated by electron beam. <i>Smart Materials and Structures</i> , 2018, 27, 075052.	1.8	6
89	Supported Gold Nanoparticles for Furfural Valorization in the Future Bio-based Industry. <i>Topics in Catalysis</i> , 2018, 61, 1877-1887.	1.3	11
90	Reshaping antibiotics through hydrophobic drug-bile acid ionic complexation enhances activity against <i>Staphylococcus aureus</i> biofilms. <i>International Journal of Pharmaceutics</i> , 2017, 528, 144-162.	2.6	10

#	ARTICLE	IF	CITATIONS
91	Ethylene production via catalytic dehydration of diluted bioethanol: A step towards an integrated biorefinery. <i>Applied Catalysis B: Environmental</i> , 2017, 210, 407-420.	10.8	49
92	Low temperature ethanol steam reforming for process intensification: New Ni/MxO ₂ -ZrO ₂ active and stable catalysts prepared by flame spray pyrolysis. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 28193-28213.	3.8	22
93	Hydrogen Production by Ethanol Steam Reforming on Ni-Based Catalysts: Effect of the Support and of CaO and Au Doping. <i>ChemistrySelect</i> , 2017, 2, 9523-9531.	0.7	10
94	Enantioresolution and stereochemical characterization of two chiral sulfoxides endowed with COX ₂ inhibitory activity. <i>Chirality</i> , 2017, 29, 536-540.	1.3	11
95	Binding properties of different categories of IDO1 inhibitors: a microscale thermophoresis study. <i>Future Medicinal Chemistry</i> , 2017, 9, 1327-1338.	1.1	8
96	Bio-adipic acid production by catalysed hydrogenation of muconic acid in mild operating conditions. <i>Applied Catalysis B: Environmental</i> , 2017, 218, 220-229.	10.8	17
97	Effects of Support and Synthetic Procedure for Sol-Immobilized Au Nanoparticles. <i>Catalysts</i> , 2016, 6, 87.	1.6	14
98	The "ceramic approach" in the evaluation of the enantiomeric NorA efflux pump inhibition activity of 2-phenylquinoline derivatives. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 129, 182-189.	1.4	14
99	Flame Spray Pyrolysis as fine preparation technique for stable Co and Co/Ru based catalysts for FT process. <i>Applied Catalysis A: General</i> , 2016, 520, 92-98.	2.2	15
100	Flame-pyrolysis-prepared catalysts for the steam reforming of ethanol. <i>Catalysis Science and Technology</i> , 2016, 6, 6247-6256.	2.1	23
101	Syngas production via steam reforming of bioethanol over Ni- <i>BEA</i> catalysts: A BTL strategy. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 16878-16889.	3.8	26
102	SOFC direct fuelling with high-methane gases: Optimal strategies for fuel dilution and upgrade to avoid quick degradation. <i>Energy Conversion and Management</i> , 2016, 124, 492-503.	4.4	31
103	Integration of Solid Oxide Electrolyzer and Fischer-Tropsch: A sustainable pathway for synthetic fuel. <i>Applied Energy</i> , 2016, 162, 308-320.	5.1	95
104	Stem cells from human amniotic fluid exert immunoregulatory function <i>via</i> secreted indoleamine 2,3-dioxygenase1. <i>Journal of Cellular and Molecular Medicine</i> , 2015, 19, 1593-1605.	1.6	45
105	Hydrogen storage over metal-doped activated carbon. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 7609-7616.	3.8	44
106	Bimetallic Ni-Cu Catalysts for the Low-Temperature Ethanol Steam Reforming: Importance of Metal-Support Interactions. <i>Catalysis Letters</i> , 2015, 145, 549-558.	1.4	30
107	Diastereo- and enantioseparation of a \pm -Boc amino acid with a zwitterionic quinine-based stationary phase: Focus on the stereorecognition mechanism. <i>Analytica Chimica Acta</i> , 2015, 885, 174-182.	2.6	28
108	Metal Dispersion and Interaction with the Supports in the Coke Production Over Ethanol Steam Reforming Catalysts. , 2015, , 695-711.		10

#	ARTICLE	IF	CITATIONS
109	Co- and Co(Ru)-Based Catalysts for Fischer-Tropsch Synthesis Prepared by High Power Ultrasound. <i>Materials Focus</i> , 2015, 4, 295-301.	0.4	4
110	TiO ₂ -supported catalysts for the steam reforming of ethanol. <i>Applied Catalysis A: General</i> , 2014, 477, 42-53.	2.2	46
111	Ni/ZrO ₂ catalysts in ethanol steam reforming: Inhibition of coke formation by CaO-doping. <i>Applied Catalysis B: Environmental</i> , 2014, 150-151, 12-20.	10.8	111
112	Decomposition of perfluorooctanoic acid photocatalyzed by titanium dioxide: Chemical modification of the catalyst surface induced by fluoride ions. <i>Applied Catalysis B: Environmental</i> , 2014, 148-149, 29-35.	10.8	66
113	Silica and zirconia supported catalysts for the low-temperature ethanol steam reforming. <i>Applied Catalysis B: Environmental</i> , 2014, 150-151, 257-267.	10.8	79
114	The Influence of Feedstock and Process Variables on the Encapsulation of Drug Suspensions by Spray-Drying in Fast Drying Regime: The Case of Novel Antitubercular Drug-Palladium Complex Containing Polymeric Microparticles. <i>Journal of Pharmaceutical Sciences</i> , 2014, 103, 1255-1268.	1.6	18
115	Photoactive TiO ₂ -montmorillonite composite for degradation of organic dyes in water. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2014, 295, 57-63.	2.0	103
116	Co-based hydrotalcites as new catalysts for the Fischer-Tropsch synthesis process. <i>Fuel</i> , 2014, 119, 62-69.	3.4	33
117	Synthesis and test of sorbents based on calcium aluminates for SE-SR. <i>Applied Energy</i> , 2014, 127, 81-92.	5.1	36
118	Determination of bile salt critical micellization concentration on the road to drug discovery. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 87, 62-81.	1.4	65
119	Photocatalytic degradation of acetone, acetaldehyde and toluene in gas-phase: Comparison between nano and micro-sized TiO ₂ . <i>Applied Catalysis B: Environmental</i> , 2014, 146, 123-130.	10.8	178
120	Free fatty acids esterification of waste cooking oil and its mixtures with rapeseed oil and diesel. <i>Fuel</i> , 2013, 108, 612-619.	3.4	46
121	Nickel Catalysts Supported Over TiO ₂ , SiO ₂ and ZrO ₂ for the Steam Reforming of Glycerol. <i>ChemCatChem</i> , 2013, 5, 294-306.	1.8	79
122	Effects of temperature on micellar-assisted bimolecular reaction of methyl naphthalene-2-sulphonate with bromide and chloride ions. <i>Journal of Colloid and Interface Science</i> , 2013, 402, 165-172.	5.0	4
123	Lipid nanoparticles for brain targeting II. Technological characterization. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 110, 130-137.	2.5	32
124	Ni/SiO ₂ and Ni/ZrO ₂ catalysts for the steam reforming of ethanol. <i>Applied Catalysis B: Environmental</i> , 2012, 117-118, 384-396.	10.8	114
125	Effect of head group size, temperature and counterion specificity on cationic micelles. <i>Journal of Colloid and Interface Science</i> , 2011, 358, 160-166.	5.0	56
126	Ultrasound and microwave assisted synthesis of high loading Fe-supported Fischer-Tropsch catalysts. <i>Ultrasonics Sonochemistry</i> , 2010, 17, 610-616.	3.8	35

#	ARTICLE	IF	CITATIONS
127	High Loading Fe-supported Fischer-Tropsch Catalysts: Optimization of the Catalyst Performance. <i>Catalysis Letters</i> , 2009, 131, 294-304.	1.4	16
128	Mercury acetate produced by metallic mercury subjected to acoustic cavitation in a solution of acetic acid in water. <i>Ultrasonics Sonochemistry</i> , 2009, 16, 141-144.	3.8	5
129	Premicelles of cetyltrimethylammonium methanesulfonate: Spectroscopic and kinetic evidence. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009, 336, 75-78.	2.3	6
130	Fischer Tropsch and Water Gas Shift chemical regimes on supported iron-based catalysts at high metal loading. <i>Catalysis Communications</i> , 2009, 10, 823-827.	1.6	38
131	Modulation of Hydrophobic Effect by Cosolutes. <i>Journal of Physical Chemistry B</i> , 2006, 110, 21077-21085.	1.2	58
132	Hydrogen Bonding of Water in Aqueous Solutions of Trimethylamine-N-oxide and tert-Butyl Alcohol: A Near-Infrared Spectroscopy Study. <i>Journal of Physical Chemistry A</i> , 2004, 108, 6145-6150.	1.1	53
133	A New Frontier of Photocatalysis Employing Micro-Sized TiO ₂ : Air/Water Pollution Abatement and Self-Cleaning/ Antibacterial Applications. , 0, , .		9
134	Photocatalytic TiO ₂ : From Airless Jet Spray Technology to Digital Inkjet Printing. , 0, , .		3
135	Ethanol Steam Reforming on Lanthanum Ni-ZrO ₂ Catalysts. <i>ACS Sustainable Chemistry and Engineering</i> , 0, , .	3.2	4