Hafedh Kochkar

List of Publications by Year
in descending order

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46	1,362	331670 21	330143 37
papers	citations	h-index	g-index

46	46	46	1962
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enhancement of the photocatalytic response of Cu-doped TiO2 nanotubes induced by the addition of strontium. Journal of Photochemistry and Photobiology A: Chemistry, 2022, 428, 113858.	3.9	6
2	Significant of injectable brucine PEGylated niosomes in treatment of MDA cancer cells. Journal of Drug Delivery Science and Technology, 2022, 71, 103322.	3.0	14
3	Recent Advances in the Development of 1,2,3-Triazole-containing Derivatives as Potential Antifungal Agents and Inhibitors of Lanoster ol 14Î±-Demethylase. Current Topics in Medicinal Chemistry, 2021, 21, 462-506.	2.1	10
4	Influence of graphene and copper on the photocatalytic response of TiO2 nanotubes. Materials Science in Semiconductor Processing, 2020, 107, 104847.	4.0	11
5	Low temperature design of titanium dioxide anatase materials decorated with cyanuric acid for formic acid photodegradation. Journal of Saudi Chemical Society, 2020, 24, 351-363.	5.2	4
6	Investigation of physicochemical and electrical properties of $$hbox {TiO}_{{2}}$$ nanotubes/graphene oxide nanocomposite. Bulletin of Materials Science, 2020, 43, 1.	1.7	2
7	From adsorption of rare earth elements on TiO2 nanotubes to preconcentration column application. Microchemical Journal, 2019, 149, 104021.	4.5	6
8	Design of Î²-cyclodextrin modified TiO2 nanotubes for the adsorption of Cu(II): Isotherms and kinetics study. Journal of Colloid and Interface Science, 2017, 493, 77-84.	9.4	37
9	Reduced graphene oxide/TiO 2 nanotube composites for formic acid photodegradation. Applied Catalysis B: Environmental, 2017, 209, 203-213.	20.2	89
10	Influence of reduced graphene oxide on the synergism between rutile and anatase TiO2 particles in photocatalytic degradation of formic acid. Molecular Catalysis, 2017, 432, 125-130.	2.0	27
11	Titanium dioxide nanotubes/polyhydroxyfullerene composites for formic acid photodegradation. Applied Surface Science, 2017, 412, 306-318.	6.1	9
12	The role of lanthanum in the enhancement of photocatalytic properties of TiO2 nanomaterials obtained by calcination of hydrogenotitanate nanotubes. Applied Catalysis B: Environmental, 2016, 181, 651-660.	20.2	56
13	Penicillin G Adsorption Isotherms and Kinetic Studies Using TiO₂ Nanotubes Free and Modified with Î²-Cyclodextrin. Chemistry Letters, 2015, 44, 1289-1291.	1.3	4
14	Design of Laâ€“C60/TiO2 Nanocomposites: Study of the Effect of Lanthanum and Fullerenol Addition Order onto TiO2. Application for the Photocatalytic Degradation of Formic Acid. Chemistry Letters, 2015, 44, 1774-1776.	1.3	4
15	Design of TiO2 nanorods and nanotubes doped with lanthanum and comparative kinetic study in the photodegradation of formic acid. Catalysis Communications, 2015, 61, 107-111.	3.3	42
16	Effect of cerium content and post-thermal treatment on doped anisotropic TiO2 nanomaterials and kinetic study of the photodegradation of formic acid. Journal of Molecular Catalysis A, 2015, 409, 162-170.	4.8	32
17	Phenol photocatalytic degradation over anisotropic TiO2 nanomaterials: Kinetic study, adsorption isotherms and formal mechanisms. Applied Catalysis B: Environmental, 2015, 163, 404-414.	20.2	122
18	One-pot deposition of gold on hybrid TiO2 nanoparticles and catalytic application in the selective oxidation of benzyl alcohol. Materials Chemistry and Physics, 2015, 149-150, 59-68.	4.0	10

#	Article	IF	Citations
19	Nanoscale Advances of Carbon-Titanium Dioxide Nanomaterials in Photocatalysis Applications. Reviews in Nanoscience and Nanotechnology, 2015, 4, 108-134.	0.4	3
20	Elaboration and characterization of sulfated and unsulfated V2O5/TiO2 nanotubes catalysts for chlorobenzene total oxidation. Applied Catalysis B: Environmental, 2014, 147, 58-64.	20.2	74
21	Design of TiO2 nanomaterials for the photodegradation of formic acid â€“ Adsorption isotherms and kinetics study. Journal of Photochemistry and Photobiology A: Chemistry, 2014, 279, 8-16.	3.9	32
22	Elaboration of Titanium Oxide Nanocrystallites by Solâ€“Gel Method with Soluble-starch Stabilization and Coupling of Hydrothermal and Biological Extraction. Chemistry Letters, 2014, 43, 1487-1489.	1.3	1
23	In Situ Generated H2O2 over Supported Pdâ€“Au Clusters in Hybrid Titania Nanocrystallites. Chemistry Letters, 2014, 43, 1046-1048.	1.3	3
24	Effect of Na content and thermal treatment of titanate nanotubes on the photocatalytic degradation of formic acid. Applied Catalysis B: Environmental, 2013, 138-139, 401-415.	20.2	94
25	Solar photocatalytic inactivation of Fusarium Solani over TiO2 nanomaterials with controlled morphologyâ€”Formic acid effect. Catalysis Today, 2013, 209, 147-152.	4.4	16
26	Synthesis Design of TiO2 Nanotubes and Nanowires and Photocatalytic Applications in the Degradation of Organic Pollutants in the Presence or not of Microorganisms. Materials Research Society Symposia Proceedings, 2012, 1442, 13.	0.1	1
27	One-pot deposition of palladium on hybrid TiO2 nanoparticles and catalytic applications in hydrogenation. Journal of Colloid and Interface Science, 2012, 369, 309-316.	9.4	14
28	Shape-Controlled Synthesis of Silver and Palladium Nanoparticles Using Î²-Cyclodextrin. Journal of Physical Chemistry C, 2011, 115, 11364-11373.	3.1	63
29	TiO2 nanotubes as solid-phase extraction adsorbent for the determination of polycyclic aromatic hydrocarbons in environmental water samples. Journal of Environmental Sciences, 2011, 23, 860-867.	6.1	55
30	Preparation and characterization of Pt/TiO2 nanotubes catalyst for methanol electro-oxidation. Applied Catalysis B: Environmental, 2011, 106, 609-615.	20.2	87
31	Highly active ruthenium catalysts supported on nanostructured titanates for application in catalytic wet air oxidation of p-hydroxybenzoic acid. Reaction Kinetics, Mechanisms and Catalysis, 2010, 101, 377-386.	1.7	2
32	Catalytic activity of nanostructured Pd catalysts supported on hydrogenotitanate nanotubes. Studies in Surface Science and Catalysis, 2010, , 609-612.	1.5	0
33	p-Hydroxybenzoic acid degradation by Fe/Pd-HNT catalysts with in situ generated hydrogen peroxide. Studies in Surface Science and Catalysis, 2010, 175, 593-596.	1.5	7
34	One-Pot deposition of palladium on hybrid TiO2 nanoparticles: Application for the hydrogenation of cinnamaldehyde. Studies in Surface Science and Catalysis, 2010, 175, 605-608.	1.5	3
35	Preparation and catalytic activity of nanostructured Pd catalysts supported on hydrogenotitanate nanotubes. Journal of Materials Science, 2009, 44, 6677-6682.	3.7	8
36	Study of Pd(II) adsorption over titanate nanotubes of different diameters. Journal of Colloid and Interface Science, 2009, 331, 27-31.	9.4	49

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37	Optimization of the Alkaline Hydrothermal Route to Titanate Nanotubes by a Doehlert Matrix Experience Design. Journal of Physical Chemistry C, 2009, 113, 1672-1679.	3.1	39
38	Novel synthesis route to titanium oxides nanomaterials using soluble starch. Journal of Sol-Gel Science and Technology, 2007, 42, 27-33.	2.4	9
39	Preparation of stable mesoporous titanium oxides nanomaterials using soluble starch. Studies in Surface Science and Catalysis, 2006, 162, 377-384.	1.5	1
40	MgLa mixed oxides as highly active and selective heterogeneous catalysts for Wadsworthâ€“Emmons reactions. Applied Catalysis B: Environmental, 2005, 55, 177-183.	20.2	23
41	Pt-free sulphur resistant NOx traps. Applied Catalysis B: Environmental, 2004, 53, 21-27.	20.2	21
42	Isomerization of Styrene Epoxide on Basic Solids. Catalysis Letters, 2002, 78, 91-94.	2.6	27
43	Crystallization of hydrophobic mesoporous titano-silicates useful as epoxidation catalysts. Microporous and Mesoporous Materials, 2000, 39, 249-256.	4.4	11
44	Regioselective Oxidation of Hydroxyl Groups of Sugar and Its Derivatives Using Silver Catalysts Mediated by TEMPO and Peroxodisulfate in Water. Journal of Catalysis, 2000, 194, 343-351.	6.2	36
45	Title is missing!. Catalysis Letters, 1999, 59, 79-81.	2.6	34
46	Synthesis of Hydrophobic TiO2â€“SiO2Mixed Oxides for the Epoxidation of Cyclohexene. Journal of Catalysis, 1997, 171, 420-430.	6.2	164