

Hafedh Kochkar

List of Publications by Year in descending order

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46
papers

1,362
citations

331670

21
h-index

330143

37
g-index

46
all docs

46
docs citations

46
times ranked

1962
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of Hydrophobic TiO ₂ –SiO ₂ Mixed Oxides for the Epoxidation of Cyclohexene. <i>Journal of Catalysis</i> , 1997, 171, 420-430.	6.2	164
2	Phenol photocatalytic degradation over anisotropic TiO ₂ nanomaterials: Kinetic study, adsorption isotherms and formal mechanisms. <i>Applied Catalysis B: Environmental</i> , 2015, 163, 404-414.	20.2	122
3	Effect of Na content and thermal treatment of titanate nanotubes on the photocatalytic degradation of formic acid. <i>Applied Catalysis B: Environmental</i> , 2013, 138-139, 401-415.	20.2	94
4	Reduced graphene oxide/TiO ₂ nanotube composites for formic acid photodegradation. <i>Applied Catalysis B: Environmental</i> , 2017, 209, 203-213.	20.2	89
5	Preparation and characterization of Pt/TiO ₂ nanotubes catalyst for methanol electro-oxidation. <i>Applied Catalysis B: Environmental</i> , 2011, 106, 609-615.	20.2	87
6	Elaboration and characterization of sulfated and unsulfated V ₂ O ₅ /TiO ₂ nanotubes catalysts for chlorobenzene total oxidation. <i>Applied Catalysis B: Environmental</i> , 2014, 147, 58-64.	20.2	74
7	Shape-Controlled Synthesis of Silver and Palladium Nanoparticles Using β -Cyclodextrin. <i>Journal of Physical Chemistry C</i> , 2011, 115, 11364-11373.	3.1	63
8	The role of lanthanum in the enhancement of photocatalytic properties of TiO ₂ nanomaterials obtained by calcination of hydrogenotitanate nanotubes. <i>Applied Catalysis B: Environmental</i> , 2016, 181, 651-660.	20.2	56
9	TiO ₂ nanotubes as solid-phase extraction adsorbent for the determination of polycyclic aromatic hydrocarbons in environmental water samples. <i>Journal of Environmental Sciences</i> , 2011, 23, 860-867.	6.1	55
10	Study of Pd(II) adsorption over titanate nanotubes of different diameters. <i>Journal of Colloid and Interface Science</i> , 2009, 331, 27-31.	9.4	49
11	Design of TiO ₂ nanorods and nanotubes doped with lanthanum and comparative kinetic study in the photodegradation of formic acid. <i>Catalysis Communications</i> , 2015, 61, 107-111.	3.3	42
12	Optimization of the Alkaline Hydrothermal Route to Titanate Nanotubes by a Doehlert Matrix Experience Design. <i>Journal of Physical Chemistry C</i> , 2009, 113, 1672-1679.	3.1	39
13	Design of β -cyclodextrin modified TiO ₂ nanotubes for the adsorption of Cu(II): Isotherms and kinetics study. <i>Journal of Colloid and Interface Science</i> , 2017, 493, 77-84.	9.4	37
14	Regioselective Oxidation of Hydroxyl Groups of Sugar and Its Derivatives Using Silver Catalysts Mediated by TEMPO and Peroxodisulfate in Water. <i>Journal of Catalysis</i> , 2000, 194, 343-351.	6.2	36
15	Title is missing!. <i>Catalysis Letters</i> , 1999, 59, 79-81.	2.6	34
16	Design of TiO ₂ nanomaterials for the photodegradation of formic acid – Adsorption isotherms and kinetics study. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2014, 279, 8-16.	3.9	32
17	Effect of cerium content and post-thermal treatment on doped anisotropic TiO ₂ nanomaterials and kinetic study of the photodegradation of formic acid. <i>Journal of Molecular Catalysis A</i> , 2015, 409, 162-170.	4.8	32
18	Isomerization of Styrene Epoxide on Basic Solids. <i>Catalysis Letters</i> , 2002, 78, 91-94.	2.6	27

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19	Influence of reduced graphene oxide on the synergism between rutile and anatase TiO ₂ particles in photocatalytic degradation of formic acid. <i>Molecular Catalysis</i> , 2017, 432, 125-130.	2.0	27
20	MgLa mixed oxides as highly active and selective heterogeneous catalysts for Wadsworth's Emmons reactions. <i>Applied Catalysis B: Environmental</i> , 2005, 55, 177-183.	20.2	23
21	Pt-free sulphur resistant NO _x traps. <i>Applied Catalysis B: Environmental</i> , 2004, 53, 21-27.	20.2	21
22	Solar photocatalytic inactivation of <i>Fusarium Solani</i> over TiO ₂ nanomaterials with controlled morphology's Formic acid effect. <i>Catalysis Today</i> , 2013, 209, 147-152.	4.4	16
23	One-pot deposition of palladium on hybrid TiO ₂ nanoparticles and catalytic applications in hydrogenation. <i>Journal of Colloid and Interface Science</i> , 2012, 369, 309-316.	9.4	14
24	Significant of injectable brucine PEGylated niosomes in treatment of MDA cancer cells. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 71, 103322.	3.0	14
25	Crystallization of hydrophobic mesoporous titano-silicates useful as epoxidation catalysts. <i>Microporous and Mesoporous Materials</i> , 2000, 39, 249-256.	4.4	11
26	Influence of graphene and copper on the photocatalytic response of TiO ₂ nanotubes. <i>Materials Science in Semiconductor Processing</i> , 2020, 107, 104847.	4.0	11
27	One-pot deposition of gold on hybrid TiO ₂ nanoparticles and catalytic application in the selective oxidation of benzyl alcohol. <i>Materials Chemistry and Physics</i> , 2015, 149-150, 59-68.	4.0	10
28	Recent Advances in the Development of 1,2,3-Triazole-containing Derivatives as Potential Antifungal Agents and Inhibitors of Lanosterol 14 α -Demethylase. <i>Current Topics in Medicinal Chemistry</i> , 2021, 21, 462-506.	2.1	10
29	Novel synthesis route to titanium oxides nanomaterials using soluble starch. <i>Journal of Sol-Gel Science and Technology</i> , 2007, 42, 27-33.	2.4	9
30	Titanium dioxide nanotubes/polyhydroxyfullerene composites for formic acid photodegradation. <i>Applied Surface Science</i> , 2017, 412, 306-318.	6.1	9
31	Preparation and catalytic activity of nanostructured Pd catalysts supported on hydrogenotitanate nanotubes. <i>Journal of Materials Science</i> , 2009, 44, 6677-6682.	3.7	8
32	p-Hydroxybenzoic acid degradation by Fe/Pd-HNT catalysts with in situ generated hydrogen peroxide. <i>Studies in Surface Science and Catalysis</i> , 2010, 175, 593-596.	1.5	7
33	From adsorption of rare earth elements on TiO ₂ nanotubes to preconcentration column application. <i>Microchemical Journal</i> , 2019, 149, 104021.	4.5	6
34	Enhancement of the photocatalytic response of Cu-doped TiO ₂ nanotubes induced by the addition of strontium. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 428, 113858.	3.9	6
35	Penicillin G Adsorption Isotherms and Kinetic Studies Using TiO ₂ Nanotubes Free and Modified with β -Cyclodextrin. <i>Chemistry Letters</i> , 2015, 44, 1289-1291.	1.3	4
36	Design of La-C ₆₀ /TiO ₂ Nanocomposites: Study of the Effect of Lanthanum and Fullerenol Addition Order onto TiO ₂ . Application for the Photocatalytic Degradation of Formic Acid. <i>Chemistry Letters</i> , 2015, 44, 1774-1776.	1.3	4

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37	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
38	One-Pot deposition of palladium on hybrid TiO ₂ nanoparticles: Application for the hydrogenation of cinnamaldehyde. Studies in Surface Science and Catalysis, 2010, 175, 605-608.	1.5	3
39	In Situ Generated H ₂ O ₂ over Supported Pd-Au Clusters in Hybrid Titania Nanocrystallites. Chemistry Letters, 2014, 43, 1046-1048.	1.3	3
40	Nanoscale Advances of Carbon-Titanium Dioxide Nanomaterials in Photocatalysis Applications. Reviews in Nanoscience and Nanotechnology, 2015, 4, 108-134.	0.4	3
41	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
42	Investigation of physicochemical and electrical properties of TiO ₂ nanotubes/graphene oxide nanocomposite. Bulletin of Materials Science, 2020, 43, 1.	1.7	2
43	Preparation of stable mesoporous titanium oxides nanomaterials using soluble starch. Studies in Surface Science and Catalysis, 2006, 162, 377-384.	1.5	1
44	Synthesis Design of TiO ₂ 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
45	Elaboration of Titanium Oxide Nanocrystallites by Sol-Gel Method with Soluble-starch Stabilization and Coupling of Hydrothermal and Biological Extraction. Chemistry Letters, 2014, 43, 1487-1489.	1.3	1
46	Catalytic activity of nanostructured Pd catalysts supported on hydrogenotitanate nanotubes. Studies in Surface Science and Catalysis, 2010, , 609-612.	1.5	0