

Nicolas Keller

List of Publications by Year in descending order

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124
papers

5,443
citations

71102

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6976
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#	ARTICLE	IF	CITATIONS
1	COST Action PRIORITY: An EU Perspective on Micro- and Nanoplastics as Global Issues. <i>Microplastics</i> , 2022, 1, 282-290.	4.2	12
2	Emerging high-prospect applications in photothermal catalysis. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2022, 37, 100652.	5.9	7
3	Photocatalytic degradation of polystyrene nanoplastics in water. A methodological study. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 108195.	6.7	8
4	Modified-TiO ₂ Photocatalyst Supported on β -SiC Foams for the Elimination of Gaseous Diethyl Sulfide as an Analog for Chemical Warfare Agent: Towards the Development of a Photoreactor Prototype. <i>Catalysts</i> , 2021, 11, 403.	3.5	5
5	TiO ₂ and TiO ₂ -Carbon Hybrid Photocatalysts for Diuron Removal from Water. <i>Catalysts</i> , 2021, 11, 457.	3.5	5
6	Irradiance-Controlled Photoassisted Synthesis of Sub-Nanometre Sized Ruthenium Nanoparticles as Co-Catalyst for TiO ₂ in Photocatalytic Reactions. <i>Materials</i> , 2021, 14, 4799.	2.9	1
7	UV-A light-assisted gas-phase formic acid decomposition on photo-thermo Ru/TiO ₂ catalyst. <i>Catalysis Today</i> , 2021, 380, 138-146.	4.4	8
8	Photo-/thermal synergies in heterogeneous catalysis: Towards low-temperature (solar-driven) processing for sustainable energy and chemicals. <i>Applied Catalysis B: Environmental</i> , 2021, 296, 120320.	20.2	66
9	High-flow arteriovenous fistula and hemodynamic consequences at 1-year after kidney transplantation. <i>Seminars in Dialysis</i> , 2021, , .	1.3	0
10	Highly robust La _{1-x} Ti _x FeO ₃ dual catalyst with combined photocatalytic and photo-CWPO activity under visible light for 4-chlorophenol removal in water. <i>Applied Catalysis B: Environmental</i> , 2020, 262, 118310.	20.2	30
11	Reaction pathways, kinetics and toxicity assessment during the photocatalytic degradation of glyphosate and myclobutanil pesticides: Influence of the aqueous matrix. <i>Chemical Engineering Journal</i> , 2020, 384, 123315.	12.7	46
12	Self-tuned properties of CuZnO catalysts for hydroxymethylfurfural hydrodeoxygenation towards dimethylfuran production. <i>Catalysis Science and Technology</i> , 2020, 10, 658-670.	4.1	25
13	Ferrite Materials for Photoassisted Environmental and Solar Fuels Applications. <i>Topics in Current Chemistry</i> , 2020, 378, 6.	5.8	39
14	Antibacterial and Biofilm-Preventive Photocatalytic Activity and Mechanisms on P/F-Modified TiO ₂ Coatings. <i>ACS Applied Bio Materials</i> , 2020, 3, 5687-5698.	4.6	12
15	TiO ₂ supported Ru catalysts for the hydrogenation of succinic acid: influence of the support. <i>Catalysis Science and Technology</i> , 2020, 10, 6860-6869.	4.1	11
16	Ni-Pd/ γ -Al ₂ O ₃ Catalysts in the Hydrogenation of Levulinic Acid and Hydroxymethylfurfural towards Value Added Chemicals. <i>Catalysts</i> , 2020, 10, 1026.	3.5	14
17	Ti-Modified LaFeO ₃ / β -SiC Alveolar Foams as Immobilized Dual Catalysts with Combined Photo-Fenton and Photocatalytic Activity. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 57025-57037.	8.0	16
18	Virtually Transparent TiO ₂ /Polyelectrolyte Thin Multilayer Films as High-Efficiency Nanoporous Photocatalytic Coatings for Breaking Down Formic Acid and for <i>Escherichia coli</i> Removal. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 55766-55781.	8.0	7

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19	Activity enhancement pathways in LaFeO ₃ @TiO ₂ heterojunction photocatalysts for visible and solar light driven degradation of myclobutanil pesticide in water. <i>Journal of Hazardous Materials</i> , 2020, 400, 123099.	12.4	53
20	Coating-free TiO ₂ @Ti ₂ -SiC alveolar foams as a ready-to-use composite photocatalyst with tunable adsorption properties for water treatment. <i>RSC Advances</i> , 2020, 10, 3817-3825.	3.6	13
21	Synergy effect between photocatalysis and heterogeneous photo-Fenton catalysis on Ti-doped LaFeO ₃ perovskite for high efficiency light-assisted water treatment. <i>Catalysis Science and Technology</i> , 2020, 10, 1299-1310.	4.1	42
22	Solvothermal hydrodeoxygenation of hydroxymethylfurfural derived from biomass towards added value chemicals on Ni/TiO ₂ catalysts. <i>Journal of Supercritical Fluids</i> , 2020, 163, 104827.	3.2	15
23	Understanding the influence of the composition of the Ag Pd catalysts on the selective formic acid decomposition and subsequent levulinic acid hydrogenation. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 17339-17353.	7.1	29
24	Ferrite Materials for Photoassisted Environmental and Solar Fuels Applications. <i>Topics in Current Chemistry Collections</i> , 2020, , 107-162.	0.5	7
25	Photocatalytic Degradation of Myclobutanil and Its Commercial Formulation with TiO ₂ P25 in Slurry and TiO ₂ /Ti ₂ -SiC Foams. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 5938-5943.	0.9	1
26	Light-driven synthesis of sub-nanometric metallic Ru catalysts on TiO ₂ . <i>Catalysis Today</i> , 2019, 326, 8-14.	4.4	13
27	Enhanced Production of γ -Valerolactone with an Internal Source of Hydrogen on Ca-Modified TiO ₂ Supported Ru Catalysts. <i>ChemSusChem</i> , 2019, 12, 553.	6.8	0
28	Ti-substituted LaFeO ₃ perovskite as photoassisted CWPO catalyst for water treatment. <i>Applied Catalysis B: Environmental</i> , 2019, 248, 120-128.	20.2	66
29	Clinical utility of leflunomide for BK polyomavirus associated nephropathy in kidney transplant recipients: A multicenter retrospective study. <i>Transplant Infectious Disease</i> , 2019, 21, e13058.	1.7	13
30	Heterogeneous photodegradation of Pyrimethanil and its commercial formulation with TiO ₂ immobilized on SiC foams. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 368, 1-6.	3.9	35
31	Sn-doped and porogen-modified TiO ₂ photocatalyst for solar light elimination of sulfure diethyle as a model for chemical warfare agent. <i>Applied Catalysis B: Environmental</i> , 2019, 245, 279-289.	20.2	41
32	Enhanced Production of γ -Valerolactone with an Internal Source of Hydrogen on Ca-Modified TiO ₂ Supported Ru Catalysts. <i>ChemSusChem</i> , 2019, 12, 639-650.	6.8	35
33	Alveolar TiO ₂ -Ti ₂ -SiC photocatalytic composite foams with tunable properties for water treatment. <i>Catalysis Today</i> , 2019, 328, 235-242.	4.4	20
34	On the role of BmimPF ₆ and P/F- containing additives in the sol-gel synthesis of TiO ₂ photocatalysts with enhanced activity in the gas phase degradation of methyl ethyl ketone. <i>Applied Catalysis B: Environmental</i> , 2018, 234, 56-69.	20.2	16
35	Photocatalytic Decontamination of Airborne T2 Bacteriophage Viruses in a Small-Size TiO ₂ /Ti ₂ -SiC Alveolar Foam LED Reactor. <i>Water, Air, and Soil Pollution</i> , 2018, 229, 1.	2.4	26
36	Photoactive ZnO Materials for Solar Light-Induced Cu ₂ O-ZnO Catalyst Preparation. <i>Materials</i> , 2018, 11, 2260.	2.9	15

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37	Solar Light Induced Photon-Assisted Synthesis of TiO ₂ Supported Highly Dispersed Ru Nanoparticle Catalysts. <i>Materials</i> , 2018, 11, 2329.	2.9	12
38	High-Frequency Stimulation of Normal and Blind Mouse Retinas Using TiO ₂ Nanotubes. <i>Advanced Functional Materials</i> , 2018, 28, 1804639.	14.9	13
39	Temperature dependent photoluminescence of anatase and rutile TiO ₂ single crystals: Polaron and self-trapped exciton formation. <i>Journal of Applied Physics</i> , 2018, 124, .	2.5	39
40	Supported gold-nickel nano-alloy as a highly efficient catalyst in levulinic acid hydrogenation with formic acid as an internal hydrogen source. <i>Catalysis Science and Technology</i> , 2018, 8, 4318-4331.	4.1	51
41	Introduction by guest editors. <i>Photochemical and Photobiological Sciences</i> , 2017, 16, 8-9.	2.9	0
42	Environmental photocatalysis and photochemistry for a sustainable world: a big challenge. <i>Environmental Science and Pollution Research</i> , 2017, 24, 12503-12505.	5.3	12
43	One-pot synthesis of lightly doped Zn _{1-x} Cu _x O and Au-Zn _{1-x} Cu _x O with solar light photocatalytic activity in liquid phase. <i>Environmental Science and Pollution Research</i> , 2017, 24, 15622-15633.	5.3	16
44	Wide band gap Ga ₂ O ₃ as efficient UV-C photocatalyst for gas-phase degradation applications. <i>Environmental Science and Pollution Research</i> , 2017, 24, 26792-26805.	5.3	20
45	Layer-by-Layer Photocatalytic Assembly for Solar Light-Activated Self-Decontaminating Textiles. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 34438-34445.	8.0	15
46	Ta-doped TiO ₂ as photocatalyst for UV-A activated elimination of chemical warfare agent simulant. <i>Journal of Catalysis</i> , 2016, 334, 129-141.	6.2	26
47	Ru catalysts for levulinic acid hydrogenation with formic acid as a hydrogen source. <i>Green Chemistry</i> , 2016, 18, 2014-2028.	9.0	126
48	Antibacterial textiles functionalized by layer-by-layer assembly of polyelectrolytes and TiO ₂ photocatalyst. <i>RSC Advances</i> , 2015, 5, 38859-38867.	3.6	22
49	Î ² -SiC alveolar foams as a structured photocatalytic support for the gas phase photocatalytic degradation of methylethylketone. <i>Applied Catalysis B: Environmental</i> , 2015, 170-171, 301-311.	20.2	36
50	Single-Step Synthesis of SnS ₂ Nanosheet-Decorated TiO ₂ Anatase Nanofibers as Efficient Photocatalysts for the Degradation of Gas-Phase Diethylsulfide. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 19324-19334.	8.0	105
51	Structural and electronic effects in bimetallic PdPt nanoparticles on TiO ₂ for improved photocatalytic oxidation of CO in the presence of humidity. <i>Applied Catalysis B: Environmental</i> , 2015, 166-167, 381-392.	20.2	50
52	H ₂ S photocatalytic oxidation over WO ₃ /TiO ₂ Hombikat UV100. <i>Environmental Science and Pollution Research</i> , 2014, 21, 3503-3514.	5.3	29
53	TiO ₂ nanorods for gas phase photocatalytic applications. <i>Catalysis Today</i> , 2014, 235, 193-200.	4.4	17
54	TiO ₂ Photocatalysis Damages Lipids and Proteins in Escherichia coli. <i>Applied and Environmental Microbiology</i> , 2014, 80, 2573-2581.	3.1	195

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55	Effect of ball-milling and Fe-/Al-doping on the structural aspect and visible light photocatalytic activity of TiO ₂ towards Escherichia coli bacteria abatement. <i>Materials Science and Engineering C</i> , 2014, 38, 11-19.	7.3	27
56	Photocatalytic degradation of butanone (methyl ethyl ketone) in a small-size TiO ₂ /SiC alveolar foam LED reactor. <i>Applied Catalysis B: Environmental</i> , 2014, 154-155, 301-308.	20.2	24
57	SiC foams as a promising structured photocatalytic support for water and air detoxification. <i>Catalysis Today</i> , 2013, 209, 13-20.	4.4	59
58	One step synthesis of niobium doped titania nanotube arrays to form (N,Nb) co-doped TiO ₂ with high visible light photoelectrochemical activity. <i>Journal of Materials Chemistry A</i> , 2013, 1, 2151-2160.	10.3	75
59	Chemistry of NO _x on TiO ₂ Surfaces Studied by Ambient Pressure XPS: Products, Effect of UV Irradiation, Water, and Coadsorbed K ⁺ . <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 536-541.	4.6	79
60	Ethylene Removal and Fresh Product Storage: A Challenge at the Frontiers of Chemistry. Toward an Approach by Photocatalytic Oxidation. <i>Chemical Reviews</i> , 2013, 113, 5029-5070.	47.7	208
61	Solar light-activated photocatalytic degradation of gas phase diethylsulfide on WO ₃ -modified TiO ₂ nanotubes. <i>Applied Catalysis B: Environmental</i> , 2013, 138-139, 128-140.	20.2	54
62	On the use of capillary cytometry for assessing the bactericidal effect of TiO ₂ . Identification and involvement of reactive oxygen species. <i>Photochemical and Photobiological Sciences</i> , 2013, 12, 610-620.	2.9	12
63	TiO ₂ /SiC foam-structured photoreactor for continuous wastewater treatment. <i>Environmental Science and Pollution Research</i> , 2012, 19, 3727-3734.	5.3	37
64	Photocatalysis: fundamentals and applications in JEP 2011. <i>Environmental Science and Pollution Research</i> , 2012, 19, 3651-3654.	5.3	19
65	WO ₃ -modified TiO ₂ nanotubes for photocatalytic elimination of methyl ethyl ketone under UVA and solar light irradiation. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2012, 245, 43-57.	3.9	28
66	Comparison of Hombikat UV100 and P25 TiO ₂ performance in gas-phase photocatalytic oxidation reactions. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2012, 250, 58-65.	3.9	69
67	Synthesis of transparent vertically aligned TiO ₂ nanotubes on a few-layer graphene (FLG) film. <i>Chemical Communications</i> , 2012, 48, 1224-1226.	4.1	18
68	A parametric study of the UV-A photocatalytic oxidation of H ₂ S over TiO ₂ . <i>Applied Catalysis B: Environmental</i> , 2012, 115-116, 209-218.	20.2	59
69	Enhanced CO photocatalytic oxidation in the presence of humidity by tuning composition of Pd-Pt bimetallic nanoparticles supported on TiO ₂ . <i>Chemical Communications</i> , 2011, 47, 5331.	4.1	28
70	Impact of three different TiO ₂ morphologies on hydrogen evolution by methanol assisted water splitting: Nanoparticles, nanotubes and aerogels. <i>International Journal of Hydrogen Energy</i> , 2011, 36, 14360-14373.	7.1	84
71	Photocatalytically Active Polyelectrolyte/Nanoparticle Films for the Elimination of a Model Odorous Gas. <i>Macromolecular Rapid Communications</i> , 2011, 32, 1145-1149.	3.9	13
72	Self-decontaminating layer-by-layer functionalized textiles based on WO ₃ -modified titanate nanotubes. Application to the solar photocatalytic removal of chemical warfare agents. <i>Applied Catalysis A: General</i> , 2011, 391, 455-467.	4.3	42

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73	Beta zeolite supported sol-gel TiO ₂ materials for gas phase photocatalytic applications. Journal of Hazardous Materials, 2011, 186, 1218-1225.	12.4	32
74	Solar light photocatalytic hydrogen production from water over Pt and Au/TiO ₂ (anatase/rutile) photocatalysts: Influence of noble metal and porogen promotion. Journal of Catalysis, 2010, 269, 179-190.	6.2	289
75	UV-A photocatalytic treatment of Legionella pneumophila bacteria contaminated airflows through three-dimensional solid foam structured photocatalytic reactors. Journal of Hazardous Materials, 2010, 175, 372-381.	12.4	41
76	Catalysts, mechanisms and industrial processes for the dimethylcarbonate synthesis. Journal of Molecular Catalysis A, 2010, 317, 1-18.	4.8	204
77	3D solid carbon foam-based photocatalytic materials for vapor phase flow-through structured photoreactors. Applied Catalysis A: General, 2010, 382, 122-130.	4.3	42
78	High surface-to-volume hybrid platelet reactor filled with catalytically grown vertically aligned carbon nanotubes. Catalysis Today, 2010, 150, 133-139.	4.4	12
79	CHARACTERIZATION OF POLYBUTYLACRYLATE-B-POLYVINYLPIRIDINE BLOCK COPOLYMERS BY SIZE-EXCLUSION CHROMATOGRAPHY AND DUAL REFRACTIVE INDEX/UV-DETECTION. Journal of Liquid Chromatography and Related Technologies, 2010, 33, 1587-1600.	1.0	0
80	Photocatalytic Treatment of Bioaerosols: Impact of the Reactor Design. Environmental Science & Technology, 2010, 44, 2605-2611.	10.0	25
81	Layer-by-Layer Deposited Titanate-Based Nanotubes for Solar Photocatalytic Removal of Chemical Warfare Agents from Textiles. Angewandte Chemie - International Edition, 2009, 48, 161-164.	13.8	80
82	Macronized aligned carbon nanotubes for use as catalyst support and ceramic nanoporous membrane template. Catalysis Today, 2009, 145, 76-84.	4.4	21
83	Monitoring the bactericidal effect of UV-A photocatalysis: A first approach through 1D and 2D protein electrophoresis. Catalysis Today, 2009, 147, 169-172.	4.4	21
84	Photocatalytic removal of monoterpenes in the gas phase. Activity and regeneration. Green Chemistry, 2009, 11, 966.	9.0	8
85	Porogen Template Assisted TiO ₂ Rutile Coupled Nanomaterials for Improved Visible and Solar Light Photocatalytic Applications. Catalysis Letters, 2008, 123, 65-71.	2.6	23
86	Numeration methods for targeting photoactive materials in the UV-A photocatalytic removal of microorganisms. Chemical Society Reviews, 2008, 37, 744.	38.1	72
87	Activation and isomerization of hydrocarbons over WO ₃ /ZrO ₂ catalysts. Influence of tungsten loading on catalytic activity: Mechanistic studies and correlation with surface reducibility and tungsten surface species. Journal of Catalysis, 2008, 256, 159-171.	6.2	23
88	Towards the oxygenated phase coverage rate of β -SiC surface. Diamond and Related Materials, 2008, 17, 1867-1870.	3.9	11
89	Cu-Y zeolite supported on silicon carbide for the vapour phase oxidative carbonylation of methanol to dimethyl carbonate. Green Chemistry, 2008, 10, 207-213.	9.0	28
90	Mesostructured Anatase TiO ₂ for Visible Light and UV Photocatalysis With Confinement Effect and Semiconductor Coupling. Journal of Solar Energy Engineering, Transactions of the ASME, 2008, 130, .	1.8	7

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91	Oxidative dehydrogenation of ethylbenzene to styrene over ultra-dispersed diamond and onion-like carbon. <i>Carbon</i> , 2007, 45, 2145-2151.	10.3	168
92	UV-A photocatalytic treatment of high flow rate air contaminated with <i>Legionella pneumophila</i> . <i>Catalysis Today</i> , 2007, 129, 215-222.	4.4	35
93	On the modification of photocatalysts for improving visible light and UV degradation of gas-phase toluene over TiO ₂ . <i>Applied Catalysis B: Environmental</i> , 2007, 70, 423-430.	20.2	31
94	Room temperature visible light oxidation of CO by high surface area rutile TiO ₂ -supported metal photocatalyst. <i>Applied Catalysis B: Environmental</i> , 2007, 69, 133-137.	20.2	47
95	Temperature dependent photoluminescence of photocatalytically active titania nanopowders. <i>Catalysis Today</i> , 2007, 122, 101-108.	4.4	28
96	Supported carbon nanofibers for the fixed-bed synthesis of styrene. <i>Carbon</i> , 2006, 44, 809-812.	10.3	46
97	Mesoporous TiO ₂ -based photocatalysts for UV and visible light gas-phase toluene degradation. <i>Thin Solid Films</i> , 2006, 495, 272-279.	1.8	79
98	A new one-dimensional tungsten carbide nanostructured material. <i>Materials Letters</i> , 2006, 60, 1774-1777.	2.6	29
99	Sulfate-promoted Titania Photocatalyst for High Efficiency Gas Phase Toluene Degradation. <i>Chemistry Letters</i> , 2005, 34, 336-337.	1.3	8
100	High-efficiency WO ₃ /carbon nanotubes for olefin skeletal isomerization. <i>Catalysis Today</i> , 2005, 102-103, 94-100.	4.4	14
101	H/D exchange using D ₂ O on carbon materials: A flexible tool for surface Brønsted acidity direct measurement. <i>Catalysis Today</i> , 2005, 102-103, 266-272.	4.4	4
102	Macroscopic carbon nanofibers for use as photocatalyst support. <i>Catalysis Today</i> , 2005, 101, 323-329.	4.4	47
103	A tool for direct quantitative measurement of surface Brønsted acid sites of solids by H/D exchange using D ₂ O. <i>Applied Catalysis A: General</i> , 2005, 289, 37-43.	4.3	10
104	Gas phase photocatalytic removal of toluene effluents on sulfated titania. <i>Journal of Catalysis</i> , 2005, 235, 318-326.	6.2	57
105	New catalysts based on silicon carbide support for improvements in the sulfur recovery: new silicon carbide nanotubes as catalyst support for the trickle-bed H ₂ S oxidation. <i>Journal of the Brazilian Chemical Society</i> , 2005, 16, 514-519.	0.6	14
106	New catalysts based on silicon carbide support for improvements in the sulfur recovery. Silicon carbide as support for the selective H ₂ S oxidation. <i>Journal of the Brazilian Chemical Society</i> , 2005, 16, .	0.6	3
107	High surface area submicrometer-sized β -SiC particles grown by shape memory synthesis method. <i>Diamond and Related Materials</i> , 2005, 14, 1353-1360.	3.9	25
108	Direct quantitative determination of surface Brønsted acidity of solids by H/D exchange using D ₂ O. <i>Chemical Communications</i> , 2005, , 201-203.	4.1	6

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109	Biological agent inactivation in a flowing air stream by photocatalysis. <i>Chemical Communications</i> , 2005, , 2918.	4.1	58
110	Carbon nanotubes as a template for mild synthesis of magnetic CoFe ₂ O ₄ nanowires. <i>Carbon</i> , 2004, 42, 1395-1399.	10.3	27
111	Carbon nanotubes as nanosized reactor for the selective oxidation of H ₂ S into elemental sulfur. <i>Catalysis Today</i> , 2004, 91-92, 91-97.	4.4	58
112	Synthesis and characterization of a new medium surface area TiO ₂ -SiC material for use as photocatalyst. <i>Journal of Materials Chemistry</i> , 2004, 14, 1887-1895.	6.7	21
113	A new TiO ₂ -SiC material for use as photocatalyst. <i>Materials Letters</i> , 2004, 58, 970-974.	2.6	22
114	New catalytic phenomena on nanostructured (fibers and tubes) catalysts. <i>Journal of Catalysis</i> , 2003, 216, 333-342.	6.2	115
115	Synthesis and characterisation of medium surface area silicon carbide nanotubes. <i>Carbon</i> , 2003, 41, 2131-2139.	10.3	123
116	Synthesis and catalytic uses of carbon and silicon carbide nanostructures. <i>Catalysis Today</i> , 2002, 76, 11-32.	4.4	138
117	Low temperature use of SiC-supported NiS ₂ -based catalysts for selective H ₂ S oxidation. <i>Applied Catalysis A: General</i> , 2002, 234, 191-205.	4.3	40
118	Large scale synthesis of carbon nanofibers by catalytic decomposition of ethane on nickel nanoclusters decorating carbon nanotubes. <i>Physical Chemistry Chemical Physics</i> , 2002, 4, 514-521.	2.8	106
119	Carbon nanofiber supported palladium catalyst for liquid-phase reactions. <i>Journal of Molecular Catalysis A</i> , 2001, 170, 155-163.	4.8	168
120	Continuous process for selective oxidation of H ₂ S over SiC-supported iron catalysts into elemental sulfur above its dewpoint. <i>Applied Catalysis A: General</i> , 2001, 217, 205-217.	4.3	87
121	The First Preparation of Silicon Carbide Nanotubes by Shape Memory Synthesis and Their Catalytic Potential. <i>Journal of Catalysis</i> , 2001, 200, 400-410.	6.2	225
122	Selective oxidation of H ₂ S in Claus tail-gas over SiC supported NiS ₂ catalyst. <i>Catalysis Today</i> , 2000, 61, 157-163.	4.4	49
123	Direct oxidation of H ₂ S into S. New catalysts and processes based on SiC support. <i>Catalysis Today</i> , 1999, 53, 535-542.	4.4	68
124	Preparation and characterization of SiC microtubes. <i>Applied Catalysis A: General</i> , 1999, 187, 255-268.	4.3	58