Cuong Pham-Huu

List of Publications by Year
in descending order

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202	9,345	28242	53190
papers	citations	55 h-index	85 g-index

205	205	205	9394
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Radio-frequency induction heating powered low-temperature catalytic CO2 conversion via bi-reforming of methane. Chemical Engineering Journal, 2022, 430, 132934.	6.6	22
2	Exohedrally functionalized carbon-based networks as catalysts for electrochemical syntheses. Current Opinion in Green and Sustainable Chemistry, 2022, 33, 100579.	3.2	2
3	Inducing atomically dispersed Clâ€“FeN₄ sites for ORRs in the SiO₂-mediated synthesis of highly mesoporous N-enriched C-networks. Journal of Materials Chemistry A, 2022, 10, 6153-6164.	5.2	7
4	Graphite Felt-Sandwiched Ni/SiC Catalysts for the Induction Versus Joule-Heated Sabatier Reaction: Assessing the Catalyst Temperature at the Nanoscale. ACS Sustainable Chemistry and Engineering, 2022, 10, 622-632.	3.2	12
5	Multimodal hybrid 2D networks via the thiol-epoxide reaction on 1T/2H MoS2 polytypes. Materials Chemistry Frontiers, 2021, 5, 3470-3479.	3.2	1
6	Tailoring Properties of Metal-Free Catalysts for the Highly Efficient Desulfurization of Sour Gases under Harsh Conditions. Catalysts, 2021, 11, 226.	1.6	8
7	Palladium Nanosheet-Carbon Black Powder Composites for Selective Hydrogenation of Alkynes to Alkenes. ACS Applied Nano Materials, 2021, 4, 2265-2277.	2.4	7
8	Synergy between Nickel Nanoparticles and N-Enriched Carbon Nanotubes Enhances Alkaline Hydrogen Oxidation and Evolution Activity. ACS Applied Nano Materials, 2021, 4, 3586-3596.	2.4	14
9	Cooperative effect of Pt single-atoms and nanoparticles supported on carbonaceous materials: Catalytic NO decomposition as a probe reaction. Applied Catalysis A: General, 2021, 617, 118103.	2.2	4
10	Heteroatom-Doped Monolithic Carbocatalysts with Improved Sulfur Selectivity and Impurity Tolerance for H₂S Selective Oxidation. ACS Catalysis, 2021, 11, 8591-8604.	5.5	30
11	Surface Oxygenate Species on TiC Reinforce Cobalt-Catalyzed Fischerâ€“Tropsch Synthesis. ACS Catalysis, 2021, 11, 8087-8096.	5.5	15
12	Lightweight, few-layer graphene composites with improved electro-thermal properties as efficient heating devices for de-icing applications. Carbon, 2021, 182, 655-668.	5.4	24
13	Radiofrequency-driven selective oxidation of H2S on hierarchical metal-free catalyst containing defects. Applied Catalysis A: General, 2021, 620, 118171.	2.2	9
14	Halfâ€Sandwich Nickel(II) NHCâ€Picolyl Complexes as Catalysts for the Hydrosilylation of Carbonyl Compounds: Evidence for NHCâ€Nickel Nanoparticles under Harsh Reaction Conditions. European Journal of Inorganic Chemistry, 2021, 2021, 3074-3082.	1.0	10
15	An Open Gate for High-Density Metal Ions in N-Doped Carbon Networks: Powering Feâ€“Nâ€“C Catalyst Efficiency in the Oxygen Reduction Reaction. ACS Catalysis, 2021, 11, 8915-8928.	5.5	20
16	Porous Silicon Carbide (SiC): A Chance for Improving Catalysts or Just Another Active-Phase Carrier?. Chemical Reviews, 2021, 121, 10559-10665.	23.0	61
17	Enhancing oxygen activation on high surface area Pd-SnO2 solid solution with isolated metal site catalysts for catalytic CH4 combustion. Applied Surface Science, 2021, 564, 150368.	3.1	16
18	Measuring current-use pesticides in air: A comparison of silicon carbide foam to XAD as passive air samplers. Environmental Technology and Innovation, 2021, 24, 101876.	3.0	3

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19	CO2 methanation under dynamic operational mode using nickel nanoparticles decorated carbon felt (Ni/OCF) combined with inductive heating. Catalysis Today, 2020, 357, 214-220.	2.2	29
20	Nanodiamonds @ N, P co-modified mesoporous carbon supported on macroscopic SiC foam for oxidative dehydrogenation of ethylbenzene. Catalysis Today, 2020, 357, 231-239.	2.2	17
21	Passive air samplers based on ceramic adsorbent for monitoring of organochlorine pesticides, polycyclic aromatic hydrocarbons and polychlorinated biphenyls in outdoor air. Environmental Technology and Innovation, 2020, 20, 101094.	3.0	8
22	Comparison and calibration of diverse passive samplers used for the air sampling of pesticides during a regional sampling monitoring campaign. Atmospheric Pollution Research, 2020, 11, 1217-1225.	1.8	12
23	Highâ€Density and Thermally Stable Palladium Singleâ€Atom Catalysts for Chemoselective Hydrogenations. Angewandte Chemie - International Edition, 2020, 59, 21613-21619.	7.2	103
24	Highâ€Density and Thermally Stable Palladium Singleâ€Atom Catalysts for Chemoselective Hydrogenations. Angewandte Chemie, 2020, 132, 21797-21803.	1.6	19
25	Highly Nickelâ€Loaded Î³â€Alumina Composites for a Radiofrequencyâ€Heated, Lowâ€Temperature CO₂ Methanation Scheme. ChemSusChem, 2020, 13, 5468-5479.	3.6	22
26	Cotton Fabrics Coated with Few-Layer Graphene as Highly Responsive Surface Heaters and Integrated Lightweight Electronic-Textile Circuits. ACS Applied Nano Materials, 2020, 3, 9771-9783.	2.4	32
27	Identify Zr Promotion Effects in Atomic Scale for Co-Based Catalysts in Fischerâ€“Tropsch Synthesis. ACS Catalysis, 2020, 10, 7894-7906.	5.5	57
28	Defect enriched N-doped carbon nanoflakes as robust carbocatalysts for H₂S selective oxidation. Journal of Materials Chemistry A, 2020, 8, 8892-8902.	5.2	62
29	CO2 Electrochemical Reduction by Exohedral N-Pyridine Decorated Metal-Free Carbon Nanotubes. Energies, 2020, 13, 2703.	1.6	9
30	A nitrogen-doped carbon-coated silicon carbide as a robust and highly efficient metal-free catalyst for sour gas desulfurization in the presence of aromatics as contaminants. Catalysis Science and Technology, 2020, 10, 5487-5500.	2.1	15
31	Foldable flexible electronics based on few-layer graphene coated on paper composites. Carbon, 2020, 167, 169-180.	5.4	17
32	Induction Heating: An Enabling Technology for the Heat Management in Catalytic Processes. ACS Catalysis, 2019, 9, 7921-7935.	5.5	120
33	Second Youth of a Metal-Free Dehydrogenation Catalyst: When Î³-Al₂O₃ Meets Coke Under Oxygen- and Steam-Free Conditions. ACS Catalysis, 2019, 9, 9474-9484.	5.5	11
34	Playing with covalent triazine framework tiles for improved CO₂ adsorption properties and catalytic performance. Beilstein Journal of Nanotechnology, 2019, 10, 1217-1227.	1.5	12
35	N-Doped 3D Mesoporous Carbon/Carbon Nanotubes Monolithic Catalyst for H₂S Selective Oxidation. ACS Applied Nano Materials, 2019, 2, 3780-3792.	2.4	43
36	Palladium Supported on Calcium Decorated Carbon Nanotube Hybrids for Chemoselective Hydrogenation of Cinnamaldehyde. Frontiers in Chemistry, 2019, 7, 751.	1.8	6

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37	Nickel Nanoparticles Decorated Nitrogen-Doped Carbon Nanotubes (Ni/N-CNT); a Robust Catalyst for the Efficient and Selective CO₂ Methanation. ACS Applied Energy Materials, 2019, 2, 1111-1120.	2.5	42
38	Macroscopic graphite felt containing palladium catalyst for liquid-phase hydrogenation of cinnamaldehyde. Applied Catalysis B: Environmental, 2019, 244, 128-139.	10.8	21
39	Biosourced Foamâ€Like Activated Carbon Materials as Highâ€Performance Supercapacitors. Advanced Sustainable Systems, 2018, 2, 1700123.	2.7	36
40	Mesoporous carbon doped with N,S heteroatoms prepared by one-pot auto-assembly of molecular precursor for electrocatalytic hydrogen peroxide synthesis. Catalysis Today, 2018, 301, 2-10.	2.2	40
41	Structure-performance relationship of nanodiamonds @ nitrogen-doped mesoporous carbon in the direct dehydrogenation of ethylbenzene. Catalysis Today, 2018, 301, 38-47.	2.2	31
42	Surface Engineering of Chemically Exfoliated MoS₂ in a â€œClickâ€ How To Generate Versatile Multifunctional Transition Metal Dichalcogenides-Based Platforms. Chemistry of Materials, 2018, 30, 8257-8269.	3.2	29
43	Tridimensional few-layer graphene-like structures from sugar-salt mixtures as high-performance supercapacitor electrodes. Materials Today Energy, 2018, 10, 118-125.	2.5	3
44	Carbon Felt Monoliths Coated with a Highly Hydrophobic Mesoporous Carbon Phase for the Continuous Oil Sorption/Filtration from Water. Advanced Sustainable Systems, 2018, 2, 1800040.	2.7	5
45	How to teach an old dog new (electrochemical) tricks: aziridine-functionalized CNTs as efficient electrocatalysts for the selective CO₂ reduction to CO. Journal of Materials Chemistry A, 2018, 6, 16382-16389.	5.2	31
46	Gaseous Nitric Acid Activated Graphite Felts as Hierarchical Metal-Free Catalyst for Selective Oxidation of H2S. Catalysts, 2018, 8, 145.	1.6	16
47	Nickel Sulfides Decorated SiC Foam for the Low Temperature Conversion of H2S into Elemental Sulfur. Molecules, 2018, 23, 1528.	1.7	1
48	Unraveling Surface Basicity and Bulk Morphology Relationship on Covalent Triazine Frameworks with Unique Catalytic and Gas Adsorption Properties. Advanced Functional Materials, 2017, 27, 1605672.	7.8	72
49	The Coulombic Nature of Active Nitrogen Sites in N-Doped Nanodiamond Revealed In Situ by Ionic Surfactants. ACS Catalysis, 2017, 7, 3295-3300.	5.5	20
50	Hierarchical porous carbon fibers/carbon nanofibers monolith from electrospinning/CVD processes as a high effective surface area support platform. Journal of Materials Chemistry A, 2017, 5, 2151-2162.	5.2	48
51	Design and Fabrication of Highly Reducible PtCo Particles Supported on Graphene-Coated ZnO. ACS Applied Materials & Interfaces, 2017, 9, 34256-34268.	4.0	10
52	Hierarchically structured reactors containing nanocarbons for intensification of chemical reactions. Journal of Materials Chemistry A, 2017, 5, 22408-22441.	5.2	23
53	Colloid Approach to the Sustainable Top-Down Synthesis of Layered Materials. ACS Omega, 2017, 2, 8610-8617.	1.6	30
54	Macroscopically shaped monolith of nanodiamonds @ nitrogen-enriched mesoporous carbon decorated SiC as a superior metal-free catalyst for the styrene production. Applied Catalysis B: Environmental, 2017, 200, 343-350.	10.8	59

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55	Catalytic Nanopatterning of Few-Layer Graphene. ACS Catalysis, 2017, 7, 5941-5949.	5.5	6
56	Design of Fe3â€“xO4 raspberry decorated graphene nanocomposites with high performances in lithium-ion battery. Journal of Energy Chemistry, 2016, 25, 272-277.	7.1	11
57	Carbon nanotubes containing oxygenated decorating defects as metal-free catalyst for selective oxidation of H2S. Applied Catalysis B: Environmental, 2016, 191, 29-41.	10.8	58
58	Chemical functionalization of N-doped carbon nanotubes: a powerful approach to cast light on the electrochemical role of specific N-functionalities in the oxygen reduction reaction. Catalysis Science and Technology, 2016, 6, 6226-6236.	2.1	31
59	Aziridine-Functionalized Multiwalled Carbon Nanotubes: Robust and Versatile Catalysts for the Oxygen Reduction Reaction and Knoevenagel Condensation. ACS Applied Materials & Interfaces, 2016, 8, 30099-30106.	4.0	61
60	N-Doped Food-Grade-Derived 3D Mesoporous Foams as Metal-Free Systems for Catalysis. ACS Catalysis, 2016, 6, 1408-1419.	5.5	73
61	Nitrogen-doped carbon nanotube spheres as metal-free catalysts for the partial oxidation of H2S. Comptes Rendus Chimie, 2016, 19, 1303-1309.	0.2	33
62	Silicon carbide foam as a porous support platform for catalytic applications. New Journal of Chemistry, 2016, 40, 4285-4299.	1.4	92
63	Hierarchical carbon nanofibers/graphene composite containing nanodiamonds for direct dehydrogenation of ethylbenzene. Carbon, 2016, 96, 1060-1069.	5.4	24
64	3D Study of the Morphology and Dynamics of Zeolite Nucleation. Chemistry - A European Journal, 2015, 21, 18316-18327.	1.7	22
65	Oneâ€Pot Synthesis of a Nitrogenâ€Doped Carbon Composite by Electrospinning as a Metalâ€Free Catalyst for Oxidation of H₂S to Sulfur. ChemCatChem, 2015, 7, 2957-2964.	1.8	48
66	Microscopy investigations of the microstructural change and thermal response of cobalt-based nanoparticles confined inside a carbon nanotube medium. Journal of Materials Chemistry A, 2015, 3, 11203-11214.	5.2	9
67	Influence of the reaction temperature on the oxygen reduction reaction on nitrogen-doped carbon nanotube catalysts. Catalysis Today, 2015, 249, 236-243.	2.2	22
68	A highly N-doped carbon phase â€œdressingâ€•of macroscopic supports for catalytic applications. Chemical Communications, 2015, 51, 14393-14396.	2.2	43
69	Macroscopic nanodiamonds/Î²-SiC composite as metal-free catalysts for steam-free dehydrogenation of ethylbenzene to styrene. Applied Catalysis A: General, 2015, 499, 217-226.	2.2	53
70	Activation of few layer graphene by Î¼W-assisted oxidation in water via formation of nanoballs â€“ Support for platinum nanoparticles. Journal of Colloid and Interface Science, 2015, 451, 221-230.	5.0	13
71	Hybrid Films of Graphene and Carbon Nanotubes for High Performance Chemical and Temperature Sensing Applications. Small, 2015, 11, 3485-3493.	5.2	54
72	Hybrid layer-by-layer composites based on a conducting polyelectrolyte and Fe₃O₄ nanostructures grafted onto graphene for supercapacitor application. Journal of Materials Chemistry A, 2015, 3, 22877-22885.	5.2	40

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73	Nanodiamond decorated few-layer graphene composite as an efficient metal-free dehydrogenation catalyst for styrene production. Catalysis Today, 2015, 249, 167-175.	2.2	45
74	Chemically Functionalized Carbon Nanotubes with Pyridine Groups as Easily Tunable N-Decorated Nanomaterials for the Oxygen Reduction Reaction in Alkaline Medium. Chemistry of Materials, 2014, 26, 3460-3470.	3.2	107
75	Fischerâ€“Tropsch Reaction on a Thermally Conductive and Reusable Silicon Carbide Support. ChemSusChem, 2014, 7, 1218-1239.	3.6	82
76	A few-layer grapheneâ€“graphene oxide composite containing nanodiamonds as metal-free catalysts. Journal of Materials Chemistry A, 2014, 2, 11349-11357.	5.2	63
77	Design of Covalently Functionalized Carbon Nanotubes Filled with Metal Oxide Nanoparticles for Imaging, Therapy, and Magnetic Manipulation. ACS Nano, 2014, 8, 11290-11304.	7.3	96
78	Effect of nitriding/nanostructuration of few layer graphene supported iron-based particles; catalyst in graphene etching and carbon nanofilament growth. Physical Chemistry Chemical Physics, 2014, 16, 15988.	1.3	22
79	Formation and characterization of carbonâ€“metal nano-contacts. Carbon, 2014, 77, 906-911.	5.4	18
80	Efficient hierarchically structured composites containing cobalt catalyst for clean synthetic fuel production from Fischerâ€“Tropsch synthesis. Journal of Catalysis, 2014, 318, 179-192.	3.1	37
81	Nitrogen-doped carbon nanotubes decorated silicon carbide as a metal-free catalyst for partial oxidation of H2S. Applied Catalysis A: General, 2014, 482, 397-406.	2.2	52
82	Silicon carbide foam decorated with carbon nanofibers as catalytic stirrer in liquid-phase hydrogenation reactions. Applied Catalysis A: General, 2014, 469, 81-88.	2.2	32
83	Few layer graphene decorated with homogeneous magnetic Fe3O4 nanoparticles with tunable covering densities. Journal of Materials Chemistry A, 2014, 2, 2690.	5.2	45
84	Nitrogen-doped carbon nanotubes on silicon carbide as a metal-free catalyst. Chinese Journal of Catalysis, 2014, 35, 906-913.	6.9	30
85	Hydrophobic gold catalysts: From synthesis on passivated silica to synthesis on few-layer graphene. Catalysis Today, 2014, 235, 90-97.	2.2	13
86	A single-stage functionalization and exfoliation method for the production of graphene in water: stepwise construction of 2D-nanostructured composites with iron oxide nanoparticles. Nanoscale, 2013, 5, 9073.	2.8	15
87	Electrical Transport Measured in Atomic Carbon Chains. Nano Letters, 2013, 13, 3487-3493.	4.5	192
88	FLGâ€“high aspect ratio MWNTs hybrid film prepared by hot spray technique. Materials Letters, 2013, 96, 57-59.	1.3	4
89	Carbon nanotube channels selectively filled with monodispersed Fe3â^'xO4 nanoparticles. Journal of Materials Chemistry A, 2013, 1, 13853.	5.2	27
90	Carbon nanotubes decorated Î±-Al2O3 containing cobalt nanoparticles for Fischer-Tropsch reaction. Journal of Energy Chemistry, 2013, 22, 279-289.	7.1	24

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91	Titania-Decorated Silicon Carbide-Containing Cobalt Catalyst for Fischerâ€“Tropsch Synthesis. ACS Catalysis, 2013, 3, 393-404.	5.5	92
92	Microstructural Analysis and Energyâ€Filtered TEM Imaging to Investigate the Structureâ€“Activity Relationship in Fischerâ€“Tropsch Catalysts. ChemCatChem, 2013, 5, 2610-2620.	1.8	11
93	High performance structured platelet milli-reactor filled with supported cobalt open cell SiC foam catalyst for the Fischerâ€“Tropsch synthesis. Chemical Engineering Journal, 2013, 222, 265-273.	6.6	54
94	Synthesis of porous carbon nanotubes foam composites with a high accessible surface area and tunable porosity. Journal of Materials Chemistry A, 2013, 1, 9508.	5.2	69
95	Axial Dispersion Based on the Residence Time Distribution Curves in a Millireactor Filled with Î²-SiC Foam Catalyst. Industrial & Engineering Chemistry Research, 2012, 51, 15011-15017.	1.8	25
96	Few-layer graphene supporting palladium nanoparticles with a fully accessible effective surface for liquid-phase hydrogenation reaction. Catalysis Today, 2012, 189, 77-82.	2.2	38
97	High-Density Monodispersed Cobalt Nanoparticles Filled into Multiwalled Carbon Nanotubes. Chemistry of Materials, 2012, 24, 1549-1551.	3.2	50
98	On the Evolution of Pt Nanoparticles on Few-Layer Graphene Supports in the High-Temperature Range. Journal of Physical Chemistry C, 2012, 116, 9274-9282.	1.5	47
99	3D-TEM investigation of the nanostructure of a Î´-Al₂O₃catalyst support decorated with Pd nanoparticles. Nanoscale, 2012, 4, 946-954.	2.8	18
100	3D Analysis of the Morphology and Spatial Distribution of Nitrogen in Nitrogen-Doped Carbon Nanotubes by Energy-Filtered Transmission Electron Microscopy Tomography. Journal of the American Chemical Society, 2012, 134, 9672-9680.	6.6	87
101	Macroscopic shaping of carbon nanotubes with high specific surface area and full accessibility. Materials Letters, 2012, 79, 128-131.	1.3	29
102	High yield graphene and few-layer graphene synthesis assisted by microwaves. Physica E: Low-Dimensional Systems and Nanostructures, 2012, 44, 1009-1011.	1.3	7
103	Nitrogenâ€Doped Carbon Nanotubes as a Highly Active Metalâ€Free Catalyst for Selective Oxidation. ChemSusChem, 2012, 5, 102-108.	3.6	162
104	Using Ordered Carbon Nanomaterials for Shedding Light on the Mechanism of the Cathodic Oxygen Reduction Reaction. Langmuir, 2011, 27, 9018-9027.	1.6	73
105	Catalytic Action of Gold and Copper Crystals in the Growth of Carbon Nanotubes. Journal of Nanoscience and Nanotechnology, 2011, 11, 3609-3615.	0.9	7
106	Urchin-like self-supported carbon nanotubes with macroscopic shaping and fully accessible surface. Materials Letters, 2011, 65, 2482-2485.	1.3	2
107	A predictive model based on tortuosity for pressure drop estimation in â€˜slimâ€™ and â€˜fatâ€™ foams. Chemical Engineering Science, 2011, 66, 4771-4779.	1.9	22
108	Graphene Growth by a Metal-Catalyzed Solid-State Transformation of Amorphous Carbon. ACS Nano, 2011, 5, 1529-1534.	7.3	151

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109	High temperature stability of platinum nanoparticles on few-layer graphene investigated by In Situ high resolution transmission electron microscopy. Nano Research, 2011, 4, 511-521.	5.8	33
110	3Dâ€TEM Characterization of the Porosity in Nanoscaled Materials: Application to Catalysis. Advanced Engineering Materials, 2011, 13, 122-127.	1.6	5
111	Corrigendum to â€œEffect of structure and thermal properties of a Fischerâ€“Tropsch catalyst in a fixed bedâ€•[Catal. Today 147S (2009) S305â€“S312]. Catalysis Today, 2011, 160, 255-256.	2.2	1
112	A new recyclable Pd catalyst supported on vertically aligned carbon nanotubes for microwaves-assisted Heck reactions. Comptes Rendus Chimie, 2011, 14, 663-670.	0.2	8
113	Catalytic synthesis of a high aspect ratio carbon nanotubes bridging carbon felt composite with improved electrical conductivity and effective surface area. Applied Catalysis A: General, 2011, 392, 238-247.	2.2	14
114	Silicon carbide foam composite containing cobalt as a highly selective and re-usable Fischerâ€“Tropsch synthesis catalyst. Applied Catalysis A: General, 2011, 397, 62-72.	2.2	140
115	Bucky paper with improved mechanical stability made from vertically aligned carbon nanotubes for desulfurization process. Applied Catalysis A: General, 2011, 400, 230-237.	2.2	17
116	Cathode Materials for Polymer Electrolyte Fuel Cells Based on Vertically Aligned Carbon Filaments. ECS Transactions, 2011, 41, 1089-1097.	0.3	4
117	Microwave synthesis of large few-layer graphene sheets in aqueous solution of ammonia. Nano Research, 2010, 3, 126-137.	5.8	123
118	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.	6.5	41
119	Tuning of nitrogen-doped carbon nanotubes as catalyst support for liquid-phase reaction. Applied Catalysis A: General, 2010, 380, 72-80.	2.2	196
120	3D solid carbon foam-based photocatalytic materials for vapor phase flow-through structured photoreactors. Applied Catalysis A: General, 2010, 382, 122-130.	2.2	42
121	Catalytic growth of silicon carbide composite with nanoscopic properties and enhanced oxidative resistance as catalyst support. Applied Catalysis A: General, 2010, 385, 52-61.	2.2	20
122	High surface-to-volume hybrid platelet reactor filled with catalytically grown vertically aligned carbon nanotubes. Catalysis Today, 2010, 150, 133-139.	2.2	12
123	Analytical electron tomography mapping of the SiC pore oxidation at the nanoscale. Nanoscale, 2010, 2, 2668.	2.8	32
124	Influence of the zeolite synthesis route on its catalytic properties in the methanol to olefin reaction. Journal of Catalysis, 2009, 265, 1-7.	3.1	75
125	Growth of Singleâ€Walled Carbon Nanotubes from Sharp Metal Tips. Small, 2009, 5, 2710-2715.	5.2	29
126	Oxidative dehydrogenation of 9,10-dihydroanthracene using multi-walled carbon nanotubes. Journal of Molecular Catalysis A, 2009, 302, 119-123.	4.8	36

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127	Pressure drop measurements and hydrodynamic model description of SiC foam composites decorated with SiC nanofiber. Catalysis Today, 2009, 141, 403-408.	2.2	35
128	Macronized aligned carbon nanotubes for use as catalyst support and ceramic nanoporous membrane template. Catalysis Today, 2009, 145, 76-84.	2.2	21
129	Influence of the oxygen pretreatment on the CO2 reforming of methane on Ni/Î²-SiC catalyst. Catalysis Today, 2009, 141, 393-396.	2.2	33
130	Fe2O3/Î²-SiC: A new high efficient catalyst for the selective oxidation of H2S into elemental sulfur. Catalysis Today, 2009, 141, 397-402.	2.2	41
131	Effect of structure and thermal properties of a Fischerâ€“Tropsch catalyst in a fixed bed. Catalysis Today, 2009, 147, S305-S312.	2.2	79
132	Catalytic unzipping of carbon nanotubes to few-layer graphene sheets under microwaves irradiation. Applied Catalysis A: General, 2009, 371, 22-30.	2.2	57
133	Selective Deposition of Metal Nanoparticles Inside or Outside Multiwalled Carbon Nanotubes. ACS Nano, 2009, 3, 2081-2089.	7.3	175
134	Selective Deposition of Palladium Nanoparticles inside the Bimodal Porosity of Î²-SiC Investigated by Electron Tomography. Journal of Physical Chemistry C, 2009, 113, 17711-17719.	1.5	22
135	Microwave heating effects on acylation of anisole, catalyzed by BEA zeolite supported on Î²-SiC. Catalysis Communications, 2009, 10, 477-480.	1.6	13
136	ZSM-5 Nanowires Assembly Supported on Medium Surface Area Foam <I>Î²</I>-SiC Composite with Nanoscopic Surface Properties. Journal of Nanoscience and Nanotechnology, 2009, 9, 3611-3616.	0.9	0
137	Experimental measurements and multiphase flow models in solid SiC foam beds. AICHE Journal, 2008, 54, 2823-2832.	1.8	69
138	Methane dehydro-aromatization on Mo/ZSM-5: About the hidden role of BrÃ¸nsted acid sites. Applied Catalysis A: General, 2008, 336, 79-88.	2.2	151
139	Mechanical enhancement of C/C composites via the formation of a machinable carbon nanofiber interphase. Carbon, 2008, 46, 76-83.	5.4	24
140	N-doped carbon nanotubes for liquid-phase CC bond hydrogenation. Catalysis Today, 2008, 138, 62-68.	2.2	92
141	Microwave-promoted hydrogenation and alkynylation reactions with palladium-loaded multi-walled carbon nanotubes. New Journal of Chemistry, 2008, 32, 920.	1.4	26
142	Towards the oxygenated phase coverage rate of Î²-SiC surface. Diamond and Related Materials, 2008, 17, 1867-1870.	1.8	11
143	1D SiC decoration of SiC macroscopic shapes for filtration devices. Journal of Materials Chemistry, 2008, 18, 4654.	6.7	39
144	Direct Observation of Stacking Faults and Pore Connections in Ordered Cage-Type Mesoporous Silica FDU-12 by Electron Tomography. Journal of the American Chemical Society, 2008, 130, 16800-16806.	6.6	33

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145	Microstructural Investigation of Magnetic CoFe2O4Nanowires inside Carbon Nanotubes by Electron Tomography. Nano Letters, 2008, 8, 1033-1040.	4.5	50
146	Carbon nanofibers: a versatile catalytic support. Materials Research, 2008, 11, 353-357.	0.6	28
147	3D Electron Microscopy Study of Metal Particles Inside Multiwalled Carbon Nanotubes. Nano Letters, 2007, 7, 1898-1907.	4.5	99
148	Autoassembly of Nanofibrous Zeolite Crystals via Silicon Carbide Substrate Self-Transformation. Journal of the American Chemical Society, 2007, 129, 3383-3391.	6.6	66
149	Green catalysis for production of chemicals and CO-free hydrogen. Catalysis Communications, 2007, 8, 1787-1792.	1.6	15
150	BETA zeolite supported on silicon carbide for Friedel-Crafts fixed-bed reactions. Journal of Molecular Catalysis A, 2007, 278, 64-71.	4.8	11
151	Structured silica reactor with aligned carbon nanotubes as catalyst support for liquid-phase reaction. Journal of Molecular Catalysis A, 2007, 267, 92-97.	4.8	42
152	Supported BETA zeolite on preshaped Î²-SiC as clean Friedel-Crafts liquid-phase catalyst. Topics in Catalysis, 2007, 45, 111-116.	1.3	9
153	Quantitative Measurement of the BrÃ¶nsted Acid Sites in Solid Acids:Â Toward a Single-Site Design of Mo-Modified ZSM-5 Zeolite. Journal of Physical Chemistry B, 2006, 110, 10390-10395.	1.2	100
154	Acylation of anisole by acetic anhydride catalysed by BETA zeolite supported on pre-shaped silicon carbide. Catalysis Communications, 2006, 7, 768-772.	1.6	27
155	Carbon nanomaterials with controlled macroscopic shapes as new catalytic materials. Topics in Catalysis, 2006, 40, 49-63.	1.3	55
156	Beta zeolite supported on a Î²-SiC foam monolith: A diffusionless catalyst for fixed-bed Friedelâ€“Crafts reactions. Journal of Molecular Catalysis A, 2006, 248, 113-120.	4.8	40
157	About the octopus-like growth mechanism of carbon nanofibers over graphite supported nickel catalyst. Journal of Catalysis, 2006, 240, 194-202.	3.1	86
158	C2H6 as an active carbon source for a large scale synthesis of carbon nanotubes by chemical vapour deposition. Applied Catalysis A: General, 2005, 279, 89-97.	2.2	98
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