

Edy Abou-Hamad

List of Publications by Year in descending order

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Version: 2024-02-01

102
papers

3,871
citations

136950

32
h-index

144013

57
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103
all docs

103
docs citations

103
times ranked

5301
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Polytriazole membranes with ultrathin tunable selective layer for crude oil fractionation. <i>Science</i> , 2022, 376, 1105-1110. | 12.6 | 44 |
| 2 | Rapid fabrication of MOF-based mixed matrix membranes through digital light processing. <i>Materials Advances</i> , 2021, 2, 2739-2749. | 5.4 | 12 |
| 3 | The Importance of Thermal Treatment on Wet-Kneaded Silica-Magnesia Catalyst and Lebedev Ethanol-to-Butadiene Process. <i>Nanomaterials</i> , 2021, 11, 579. | 4.1 | 5 |
| 4 | Organic solvent and thermal resistant polytriazole membranes with enhanced mechanical properties cast from solutions in non-toxic solvents. <i>Journal of Membrane Science</i> , 2020, 597, 117634. | 8.2 | 21 |
| 5 | Aromatization of Ethylene - Main Intermediate for MDA?. <i>ChemCatChem</i> , 2020, 12, 544-549. | 3.7 | 22 |
| 6 | Acidity modification of ZSM-5 for enhanced production of light olefins from CO ₂ . <i>Journal of Catalysis</i> , 2020, 381, 347-354. | 6.2 | 52 |
| 7 | Titanium methyl tamed on silica: synthesis of a well-defined pre-catalyst for hydrogenolysis of <i>n</i> -alkane. <i>Chemical Communications</i> , 2020, 56, 13401-13404. | 4.1 | 4 |
| 8 | Non-oxidative dehydrogenation of isobutane over supported vanadium oxide: nature of the active sites and coke formation. <i>Catalysis Science and Technology</i> , 2020, 10, 6139-6151. | 4.1 | 12 |
| 9 | Smart covalent organic networks (CONs) with on-off-on-light-switchable pores for molecular separation. <i>Science Advances</i> , 2020, 6, eabb3188. | 10.3 | 71 |
| 10 | Impact of small promoter amounts on coke structure in dry reforming of methane over Ni/ZrO ₂ . <i>Catalysis Science and Technology</i> , 2020, 10, 3965-3974. | 4.1 | 27 |
| 11 | Initial Carbon-Carbon Bond Formation during the Early Stages of Methane Dehydroaromatization. <i>Angewandte Chemie</i> , 2020, 132, 16884. | 2.0 | 3 |
| 12 | Initial Carbon-Carbon Bond Formation during the Early Stages of Methane Dehydroaromatization. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 16741-16746. | 13.8 | 36 |
| 13 | Spray-coated graphene oxide hollow fibers for nanofiltration. <i>Journal of Membrane Science</i> , 2020, 606, 118006. | 8.2 | 27 |
| 14 | Highly Stable Phosphonate-Based MOFs with Engineered Bandgaps for Efficient Photocatalytic Hydrogen Production. <i>Advanced Materials</i> , 2020, 32, e1906368. | 21.0 | 117 |
| 15 | Docking of tetra-methyl zirconium to the surface of silica: a well-defined pre-catalyst for conversion of CO ₂ to cyclic carbonates. <i>Chemical Communications</i> , 2020, 56, 3528-3531. | 4.1 | 16 |
| 16 | Coated sulfated zirconia/SAPO-34 for the direct conversion of CO ₂ to light olefins. <i>Catalysis Science and Technology</i> , 2020, 10, 1507-1517. | 4.1 | 34 |
| 17 | The elemental analysis and multi-nuclear NMR study of an alkali molten salt used to digest reference and commercial SWCNT powders. <i>Journal of Analytical Atomic Spectrometry</i> , 2020, 35, 2758-2769. | 3.0 | 1 |
| 18 | Mechanistic Study of Hydroamination of Alkyne through Tantalum-Based Silica-Supported Surface Species. <i>ACS Catalysis</i> , 2019, 9, 8719-8725. | 11.2 | 15 |

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|----|---|------|-----------|
| 19 | Heterostructured MXene and g-C ₃ N ₄ for high-rate lithium intercalation. <i>Nano Energy</i> , 2019, 65, 104030. | 16.0 | 54 |
| 20 | Surface enhanced dynamic nuclear polarization solid-state NMR spectroscopy sheds light on Brønsted-Lewis acid synergy during the zeolite catalyzed methanol-to-hydrocarbon process. <i>Chemical Science</i> , 2019, 10, 8946-8954. | 7.4 | 30 |
| 21 | [Cu ₆₁ (S ^t Bu) ₂₆ S ₆ Cl ₆ H ₁₄] ⁺ : A Core-Shell Superatom Nanocluster with a Quasi- <i>J</i> ₃₆ Cu ₁₉ Core and an 18-Crown-6-Metal-Sulfide-like Stabilizing Belt. , 2019, 1, 297-302. | | 76 |
| 22 | Chemical and Structural Analysis of Carbon Materials Subjected to Alkaline Oxidation. <i>ACS Omega</i> , 2019, 4, 18725-18733. | 3.5 | 4 |
| 23 | Use of the Phen-NaDPO:Sn(SCN) ₂ Blend as Electron Transport Layer Results to Consistent Efficiency Improvements in Organic and Hybrid Perovskite Solar Cells. <i>Advanced Functional Materials</i> , 2019, 29, 1905810. | 14.9 | 41 |
| 24 | A Supramolecular View on the Cooperative Role of Brønsted and Lewis Acid Sites in Zeolites for Methanol Conversion. <i>Journal of the American Chemical Society</i> , 2019, 141, 14823-14842. | 13.7 | 80 |
| 25 | Tetracrystalline Tetrablock Quarterpolymers: Four Different Crystallites under the Same Roof. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 16267-16274. | 13.8 | 13 |
| 26 | A site-sensitive quasi-in situ strategy to characterize Mo/HZSM-5 during activation. <i>Journal of Catalysis</i> , 2019, 370, 321-331. | 6.2 | 40 |
| 27 | Quantifying the impact of dispersion, acidity and porosity of Mo/HZSM-5 on the performance in methane dehydroaromatization. <i>Applied Catalysis A: General</i> , 2019, 574, 144-150. | 4.3 | 28 |
| 28 | Bimetallic Pt-Sn nanocluster from the hydrogenolysis of a well-defined surface compound consisting of [(AlO) ₂ Pt(COD)Me] and [(AlO) ₂ SnPh ₃] fragments for propane dehydrogenation. <i>Journal of Catalysis</i> , 2019, 374, 391-400. | 6.2 | 34 |
| 29 | Effect of Zeolite Topology and Reactor Configuration on the Direct Conversion of CO ₂ to Light Olefins and Aromatics. <i>ACS Catalysis</i> , 2019, 9, 6320-6334. | 11.2 | 144 |
| 30 | Tandem Conversion of CO ₂ to Valuable Hydrocarbons in Highly Concentrated Potassium Iron Catalysts. <i>ChemCatChem</i> , 2019, 11, 2879-2886. | 3.7 | 57 |
| 31 | A strategy to convert propane to aromatics (BTX) using TiNp ₄ grafted at the periphery of ZSM-5 by surface organometallic chemistry. <i>Dalton Transactions</i> , 2019, 48, 6611-6620. | 3.3 | 6 |
| 32 | Tetracrystalline Tetrablock Quarterpolymers: Four Different Crystallites under the Same Roof. <i>Angewandte Chemie</i> , 2019, 131, 16413-16420. | 2.0 | 1 |
| 33 | TiO ₂ -supported Pt single atoms by surface organometallic chemistry for photocatalytic hydrogen evolution. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 24429-24440. | 2.8 | 32 |
| 34 | Extremely Hydrophobic POPs to Access Highly Porous Storage Media and Capturing Agent for Organic Vapors. <i>CheM</i> , 2019, 5, 180-191. | 11.7 | 42 |
| 35 | Tungsten Catalyst Incorporating a Well-Defined Tetracoordinated Aluminum Surface Ligand for Selective Metathesis of Propane, [(Si ₂ O ₇)(Si ₂ O ₆)(Si ₂ O ₅)(Al ₂ O ₄ W(C ₂ H ₅) ₂)] ₂ . <i>ChemCatChem</i> , 2019, 11, 614-620. | 3.7 | 2 |
| 36 | Exploiting the interactions between the ruthenium Hoveyda-Grubbs catalyst and Al-modified mesoporous silica: the case of SBA15 vs. KCC-1. <i>Chemical Science</i> , 2018, 9, 3531-3537. | 7.4 | 18 |

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|----|---|------|-----------|
| 37 | A Silica-Supported Monoalkylated Tungsten Dioxo Complex Catalyst for Olefin Metathesis. <i>ACS Catalysis</i> , 2018, 8, 2715-2729. | 11.2 | 38 |
| 38 | Clean chlorination of silica surfaces by a single-site substitution approach. <i>Dalton Transactions</i> , 2018, 47, 4301-4306. | 3.3 | 14 |
| 39 | Predicting the DNP-SENS efficiency in reactive heterogeneous catalysts from hydrophilicity. <i>Chemical Science</i> , 2018, 9, 4866-4872. | 7.4 | 24 |
| 40 | On the dynamic nature of Mo sites for methane dehydroaromatization. <i>Chemical Science</i> , 2018, 9, 4801-4807. | 7.4 | 65 |
| 41 | Solvent-free Synthesis of Quaternary Metal Sulfide Nanoparticles Derived from Thiourea. <i>Particle and Particle Systems Characterization</i> , 2018, 35, 1700183. | 2.3 | 7 |
| 42 | Recognizing the Mechanism of Sulfurized Polyacrylonitrile Cathode Materials for Li-ion Batteries and beyond in Al-ion Batteries. <i>ACS Energy Letters</i> , 2018, 3, 2899-2907. | 17.4 | 224 |
| 43 | Synthesis and Characterization of Cationic Tetramethyl Tantalum(V) Complex. <i>Catalysts</i> , 2018, 8, 507. | 3.5 | 1 |
| 44 | Imine Metathesis Catalyzed by a Silica-Supported Hafnium Imido Complex. <i>ACS Catalysis</i> , 2018, 8, 9440-9446. | 11.2 | 20 |
| 45 | Morphology control of anatase TiO ₂ for well-defined surface chemistry. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 14362-14373. | 2.8 | 25 |
| 46 | Structure-performance descriptors and the role of Lewis acidity in the methanol-to-propylene process. <i>Nature Chemistry</i> , 2018, 10, 804-812. | 13.6 | 221 |
| 47 | Benzimidazole linked polymers (BILPs) in mixed-matrix membranes: Influence of filler porosity on the CO ₂ /N ₂ separation performance. <i>Journal of Membrane Science</i> , 2018, 566, 213-222. | 8.2 | 20 |
| 48 | SOMC grafting of vanadium oxytriisopropoxide (VO(O ⁱ Pr) ₃) on dehydroxylated silica; analysis of surface complexes and thermal restructuring mechanism. <i>RSC Advances</i> , 2018, 8, 20801-20808. | 3.6 | 11 |
| 49 | Unearthing a Well-Defined Highly Active Bimetallic W/Ti Precatalyst Anchored on a Single Silica Surface for Metathesis of Propane. <i>Journal of the American Chemical Society</i> , 2017, 139, 3522-3527. | 13.7 | 30 |
| 50 | Hybrid electrolytes based on ionic liquids and amorphous porous silicon nanoparticles: Organization and electrochemical properties. <i>Applied Materials Today</i> , 2017, 9, 10-20. | 4.3 | 16 |
| 51 | Single site silica supported tetramethyl niobium by the SOMC strategy: synthesis, characterization and structure-activity relationship in the ethylene oligomerization reaction. <i>Chemical Communications</i> , 2017, 53, 7068-7071. | 4.1 | 9 |
| 52 | From single-site tantalum complexes to nanoparticles of Ta _x N _y and TaO _x N _y supported on silica: elucidation of synthesis chemistry by dynamic nuclear polarization surface enhanced NMR spectroscopy and X-ray absorption spectroscopy. <i>Chemical Science</i> , 2017, 8, 5650-5661. | 7.4 | 14 |
| 53 | Conversion of actual flue gas CO ₂ via cycloaddition to propylene oxide catalyzed by a single-site, recyclable zirconium catalyst. <i>Journal of CO₂ Utilization</i> , 2017, 20, 243-252. | 6.8 | 60 |
| 54 | The structure and binding mode of citrate in the stabilization of gold nanoparticles. <i>Nature Chemistry</i> , 2017, 9, 890-895. | 13.6 | 222 |

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|----|---|------|-----------|
| 55 | Well-Defined Silica Grafted Molybdenum Bis(imido) Catalysts for Imine Metathesis Reactions. <i>Organometallics</i> , 2017, 36, 1550-1556. | 2.3 | 12 |
| 56 | Synthesis of single-crystal-like nanoporous carbon membranes and their application in overall water splitting. <i>Nature Communications</i> , 2017, 8, 13592. | 12.8 | 142 |
| 57 | SOMC-Designed Silica Supported Tungsten Oxo Imidazolin-2-iminato Methyl Precatalyst for Olefin Metathesis Reactions. <i>Inorganic Chemistry</i> , 2017, 56, 861-871. | 4.0 | 23 |
| 58 | Reactive surface organometallic complexes observed using dynamic nuclear polarization surface enhanced NMR spectroscopy. <i>Chemical Science</i> , 2017, 8, 284-290. | 7.4 | 55 |
| 59 | Cationic Tungsten(VI) Penta-Methyl Complex: Synthesis, Characterization and its Application in Olefin Metathesis Reaction. <i>Oil and Gas Science and Technology</i> , 2016, 71, 21. | 1.4 | 2 |
| 60 | Single-Site Tetracoordinated Aluminum Hydride Supported on Mesoporous Silica. From Dream to Reality!. <i>Organometallics</i> , 2016, 35, 3288-3294. | 2.3 | 17 |
| 61 | Tungsten(VI) Carbyne/Bis(carbene) Tautomerization Enabled by N-Donor SBA15 Surface Ligands: A Solid-State NMR and DFT Study. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 11162-11166. | 13.8 | 13 |
| 62 | Single-Site VO _x Moieties Generated on Silica by Surface Organometallic Chemistry: A Way To Enhance the Catalytic Activity in the Oxidative Dehydrogenation of Propane. <i>ACS Catalysis</i> , 2016, 6, 5908-5921. | 11.2 | 74 |
| 63 | Investigation of Surface Alkylation Strategy in SOMC: In Situ Generation of a Silica-Supported Tungsten Methyl Catalyst for Cyclooctane Metathesis. <i>Organometallics</i> , 2016, 35, 2524-2531. | 2.3 | 4 |
| 64 | Synthesis and characterization of a homogeneous and silica supported homoleptic cationic tungsten(^{vi}) methyl complex: application in olefin metathesis. <i>Chemical Communications</i> , 2016, 52, 11270-11273. | 4.1 | 10 |
| 65 | Solid-State NMR and DFT Studies on the Formation of Well-Defined Silica-Supported Tantalaziridines: From Synthesis to Catalytic Application. <i>Chemistry - A European Journal</i> , 2016, 22, 3000-3008. | 3.3 | 18 |
| 66 | Atomic-level organization of vicinal acid-base pairs through the chemisorption of aniline and derivatives onto mesoporous SBA15. <i>Chemical Science</i> , 2016, 7, 6099-6105. | 7.4 | 16 |
| 67 | Synergy between Two Metal Catalysts: A Highly Active Silica-Supported Bimetallic W/Zr Catalyst for Metathesis of <i>n</i> -Decane. <i>Journal of the American Chemical Society</i> , 2016, 138, 8595-8602. | 13.7 | 34 |
| 68 | CO ₂ activation through silylimido and silylamido zirconium hydrides supported on N-donor chelating SBA15 surface ligands. <i>Chemical Communications</i> , 2016, 52, 2577-2580. | 4.1 | 10 |
| 69 | Controlling the hydrogenolysis of silica-supported tungsten pentamethyl leads to a class of highly electron deficient partially alkylated metal hydrides. <i>Chemical Science</i> , 2016, 7, 1558-1568. | 7.4 | 53 |
| 70 | Organosilane with Gemini-Type Structure as the Mesoporegen for the Synthesis of the Hierarchical Porous ZSM-5 Zeolite. <i>Langmuir</i> , 2016, 32, 2085-2092. | 3.5 | 21 |
| 71 | Well-defined silica-supported zirconium-imido complexes mediated heterogeneous imine metathesis. <i>Chemical Communications</i> , 2016, 52, 4617-4620. | 4.1 | 26 |
| 72 | Well-Defined Single-Site Monohydride Silica-Supported Zirconium from Azazirconacyclopropane. <i>Chemistry - A European Journal</i> , 2015, 21, 4294-4299. | 3.3 | 15 |

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|----|--|------|-----------|
| 73 | Isolation and Characterization of Well-Defined Silica-Supported Azametallacyclopentane: A Key Intermediate in Catalytic Hydroaminoalkylation Reactions. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 3148-3154. | 4.3 | 26 |
| 74 | Alkane Metathesis with the Tantalum Methylidene $[(\text{SiO})_2\text{Ta}(\text{CH}_2)_2\text{Me}]_2$ Generated from Well-Defined Surface Organometallic Complex $[(\text{SiO})_2\text{Ta}(\text{CH}_2)_2\text{Me}]_4$. <i>Journal of the American Chemical Society</i> , 2015, 137, 588-591. | 13.7 | 65 |
| 75 | Well-defined silica supported aluminum hydride: another step towards the utopian single site dream?. <i>Chemical Science</i> , 2015, 6, 5456-5465. | 7.4 | 22 |
| 76 | Room-Temperature Reactivity Of Silicon Nanocrystals With Solvents: The Case Of Ketone And Hydrogen Production From Secondary Alcohols: Catalysis?. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 13794-13800. | 8.0 | 19 |
| 77 | Rigid, non-porous and tunable hybrid p-aminobenzoate/TiO ₂ materials: Toward a fine structural determination of the immobilized RhCl(Ph ₃) ₃ complex. <i>Journal of Organometallic Chemistry</i> , 2015, 784, 103-108. | 1.8 | 1 |
| 78 | Cooperative Effect of Monopodal Silica-Supported Niobium Complex Pairs Enhancing Catalytic Cyclic Carbonate Production. <i>Journal of the American Chemical Society</i> , 2015, 137, 7728-7739. | 13.7 | 123 |
| 79 | Effect of Support on Metathesis of <i>n</i> -Decane: Drastic Improvement in Alkane Metathesis with WMe ₅ Linked to Silica-Alumina. <i>Chemistry - A European Journal</i> , 2015, 21, 6100-6106. | 3.3 | 27 |
| 80 | Well-Defined Surface Species $[(\text{SiO})_2\text{W}(\text{O})\text{Me}_3]$ Prepared by Direct Methylation of $[(\text{SiO})_2\text{W}(\text{O})\text{Cl}_3]$, a Catalyst for Cycloalkane Metathesis and Transformation of Ethylene to Propylene. <i>ACS Catalysis</i> , 2015, 5, 2164-2171. | 11.2 | 35 |
| 81 | Direct Functionalization of Nanodiamonds with Maleimide. <i>Chemistry of Materials</i> , 2014, 26, 2766-2769. | 6.7 | 25 |
| 82 | Sn surface-enriched Pt-Sn bimetallic nanoparticles as a selective and stable catalyst for propane dehydrogenation. <i>Journal of Catalysis</i> , 2014, 320, 52-62. | 6.2 | 144 |
| 83 | The use of a well-defined surface organometallic complex as a probe molecule: $[(\text{SiO})_2\text{Ta}(\text{Cl})_2\text{Me}_2]$ shows different isolated silanol sites on the silica surface. <i>Chemical Communications</i> , 2014, 50, 11721-11723. | 4.1 | 2 |
| 84 | Low temperature activation of methane over a zinc-exchanged heteropolyacid as an entry to its selective oxidation to methanol and acetic acid. <i>Chemical Communications</i> , 2014, 50, 12348-12351. | 4.1 | 22 |
| 85 | WMe ₆ Tamed by Silica: $(\text{SiO})_2\text{WMe}_5$ as an Efficient, Well-Defined Species for Alkane Metathesis, Leading to the Observation of a Supported W-Methyl/Methylidyne Species. <i>Journal of the American Chemical Society</i> , 2014, 136, 1054-1061. | 13.7 | 84 |
| 86 | Facile and Efficient Synthesis of the Surface Tantalum Hydride $(\text{SiO})_2\text{Ta}^{\text{III}}\text{H}$ and Tris-Siloxy Tantalum $(\text{SiO})_3\text{Ta}^{\text{III}}$ Starting from Novel Tantalum Surface Species $(\text{SiO})_2\text{TaMe}_4$ and $(\text{SiO})_2\text{TaMe}_3$. <i>Organometallics</i> , 2014, 33, 1205-1211. | 2.3 | 22 |
| 87 | Well-defined mono(η -3-allyl)nickel complex η -MONi(η -3-C ₃ H ₅) (M = Si or Al) grafted onto silica or alumina: a molecularly dispersed nickel precursor for syntheses of supported small size nickel nanoparticles. <i>Chemical Communications</i> , 2014, 50, 7716. | 4.1 | 12 |
| 88 | Bipodal Surface Organometallic Complexes with Surface N-Donor Ligands and Application to the Catalytic Cleavage of C-H and C-C Bonds in n-Butane. <i>Journal of the American Chemical Society</i> , 2013, 135, 17943-17951. | 13.7 | 33 |
| 89 | Well-defined azazirconacyclopropane complexes supported on silica structurally determined by 2D NMR comparative elucidation. <i>Chemical Communications</i> , 2013, 49, 4616. | 4.1 | 20 |
| 90 | Methane Reacts with Heteropolyacids Chemisorbed on Silica to Produce Acetic Acid under Soft Conditions. <i>Journal of the American Chemical Society</i> , 2013, 135, 804-810. | 13.7 | 24 |

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| 91 | [(SiO)TaV(CH ₂)Cl ₂], the first tantalum methyldiene species prepared and identified on the silica surface. <i>Journal of Organometallic Chemistry</i> , 2013, 744, 3-6. | 1.8 | 9 |
| 92 | Electromagnetic Properties of Inner Double Walled Carbon Nanotubes Investigated by Nuclear Magnetic Resonance. <i>Journal of Nanomaterials</i> , 2013, 2013, 1-6. | 2.7 | 3 |
| 93 | [($\frac{1}{2}$ SiO)Ta ^V Cl ₂ Me ₂]: A Well-Defined Silica-Supported Tantalum(V) Surface Complex as Catalyst Precursor for the Selective Cocatalyst-Free Trimerization of Ethylene. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 11886-11889. | 13.8 | 45 |
| 94 | A Silica-Supported Double-Decker Silsesquioxane Provides a Second Skin for the Selective Generation of Bipodal Surface Organometallic Complexes. <i>Organometallics</i> , 2012, 31, 7610-7617. | 2.3 | 22 |
| 95 | A well-defined mesoporous amine silica surface via a selective treatment of SBA-15 with ammonia. <i>Chemical Communications</i> , 2012, 48, 3067. | 4.1 | 25 |
| 96 | Carbon nanotubes and helical carbon nanofibers grown by chemical vapour deposition on C ₆₀ fullerene supported Pd nanoparticles. <i>Carbon</i> , 2011, 49, 1101-1107. | 10.3 | 44 |
| 97 | Confined adamantane molecules assembled to one dimension in carbon nanotubes. <i>Carbon</i> , 2011, 49, 1159-1166. | 10.3 | 24 |
| 98 | Hydrogenation of C ₆₀ in Peapods: Physical Chemistry in Nano Vessels. <i>Journal of Physical Chemistry C</i> , 2009, 113, 8583-8587. | 3.1 | 29 |
| 99 | One-step electrochemical modification of carbon nanotubes by ruthenium complexes via new diazonium salts. <i>Journal of Electroanalytical Chemistry</i> , 2008, 621, 277-285. | 3.8 | 64 |
| 100 | High-Purity Diamagnetic Single-Wall Carbon Nanotube Buckypaper. <i>Chemistry of Materials</i> , 2007, 19, 2982-2986. | 6.7 | 39 |
| 101 | Routes to the synthesis of carbon nanotube-polyacetylene composites by Ziegler-Natta polymerization of acetylene inside carbon nanotubes. <i>Current Applied Physics</i> , 2007, 7, 39-41. | 2.4 | 29 |
| 102 | Polymerization of conducting polymers inside carbon nanotubes. <i>Chemical Physics Letters</i> , 2006, 431, 139-144. | 2.6 | 41 |