

Roozbeh Javad Kalbasi

List of Publications by Year in descending order

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76
papers

1,589
citations

304743

22
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345221

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83
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83
docs citations

83
times ranked

1856
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Dynamic light scattering investigation of CTAB/swelling agent/water mixture for designing of hierarchical ZSM-5 zeolites with favorable mesoporosity. <i>Journal of Materials Science</i> , 2022, 57, 8676-8686. | 3.7 | 1 |
| 2 | Overcoming acidâ€“base copolymer neutralization using mesoporous carbon and its catalytic activity in the tandem deacetalizationâ€“Knoevenagel condensation reaction. <i>Research on Chemical Intermediates</i> , 2020, 46, 3413-3430. | 2.7 | 2 |
| 3 | Green synthesis of silver nanoparticles from aqueous extract of <i>Ziziphora clinopodioides</i> Lam and evaluation of their bioâ€“activities under in vitro and in vivo conditions. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5358. | 3.5 | 8 |
| 4 | Preparation, Characterization, and Application of Polyacrylamideâ€“Polystyrene/Bentonite Nanocomposite as an Effective Immobilizing Adsorbent for Remediation of Soil. <i>ChemistrySelect</i> , 2020, 5, 4538-4547. | 1.5 | 9 |
| 5 | A novel bi-functional metal/solid acid catalyst for the direct reductive amination of nitroarenes synthesized on a resistant mesoporous carbon (CMK-8) support. <i>Journal of Porous Materials</i> , 2019, 26, 641-654. | 2.6 | 10 |
| 6 | Synthesis of multifunctional polymer containing Niâ€“Pd NPs via thiolâ€“ene reaction for oneâ€“pot cascade reactions. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4800. | 3.5 | 6 |
| 7 | Niâ€“Pd Nanoparticles Embedded in Nâ€“Doped Hierarchical Porous Carbon Derived from Luffa Sponge: Preparation, Characterization and Its Catalytic Activity. <i>ChemistrySelect</i> , 2019, 4, 12875-12885. | 1.5 | 6 |
| 8 | Synthesis and characterisation of Ag-nanoparticles immobilised on ordered mesoporous carbon as an efficient sensing platform: application to electrocatalytic determination of hydrazine. <i>International Journal of Environmental Analytical Chemistry</i> , 2018, 98, 156-170. | 3.3 | 10 |
| 9 | Preparation, characterisation, drug loading and release properties of a novel KITâ€“6/poly(AAâ€“EGDMA) nanocomposite. <i>Micro and Nano Letters</i> , 2018, 13, 213-218. | 1.3 | 2 |
| 10 | Hierarchically Pore Structure poly 2-(Dimethyl amino) ethyl methacrylate/Hi-ZSM-5: A Novel Acidâ€“Base Bi-functional Catalyst as Heterogeneous Platform for a Tandem Reaction. <i>Catalysis Letters</i> , 2018, 148, 958-971. | 2.6 | 6 |
| 11 | In situ polymerization of poly(vinylimidazole) into the pores of â€“hierarchical MFI zeolite as an acidâ€“base bifunctional catalyst for one-pot â€“C bond cascade reactions. <i>Research on Chemical Intermediates</i> , 2018, 44, 3279-3291. | 2.7 | 10 |
| 12 | Encapsulation of Nickel Nanoparticles and Homopoly(Vinylsulfonic Acid) in Mesoporous Carbon CMK-3 as an Acidâ€“Metal Bifunctional Catalyst for Tandem Reductive Amination. <i>Journal of Cluster Science</i> , 2018, 29, 561-575. | 3.3 | 9 |
| 13 | Fabrication of Bimetallic Agâ€“Co Nanoparticle Deposited on Hierarchical ZSMâ€“5 as a Selective Catalyst for Synthesis of Propargylamine in Water via Multicomponent A ₃ Coupling. <i>ChemistrySelect</i> , 2018, 3, 12666-12675. | 1.5 | 13 |
| 14 | Introducing of a New Bio-inspired Hierarchical Porous Silica as an Inorganic Host for Niâ€“Pd Alloy Nanoparticles for the Synthesis of Aminobiphenyls from the One-Pot Suzukiâ€“Miyaura Coupling-Nitro Reduction. <i>Catalysis Letters</i> , 2018, 148, 2446-2458. | 2.6 | 6 |
| 15 | | | |

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|----|--|------|-----------|
| 19 | Synthesis and characterization of hierarchical ZSM-5 zeolite containing Ni nanoparticles for one-pot reductive amination of aldehydes with nitroarenes. <i>Catalysis Communications</i> , 2015, 69, 86-91. | 3.3 | 29 |
| 20 | Synthesis, characterization and drug release studies of poly(2-hydroxyethyl methacrylate)/KIT-5 nanocomposite as an innovative organic-inorganic hybrid carrier system. <i>RSC Advances</i> , 2015, 5, 12463-12471. | 3.6 | 12 |
| 21 | Preparation and characterization of Ni/mZSM-5 zeolite with a hierarchical pore structure by using KIT-6 as silica template: an efficient bi-functional catalyst for the reduction of nitro aromatic compounds. <i>RSC Advances</i> , 2015, 5, 34398-34414. | 3.6 | 44 |
| 22 | Synthesis and characterization of Ni nanoparticles incorporated into hyperbranched polyamidoamine-polyvinylamine/SBA-15 catalyst for simple reduction of nitro aromatic compounds. <i>RSC Advances</i> , 2014, 4, 7444. | 3.6 | 44 |
| 23 | Synthesis and characterization of mesoporous poly(N-vinyl-2-pyrrolidone) containing palladium nanoparticles as a novel heterogeneous organocatalyst for Heck reaction. <i>Journal of Molecular Structure</i> , 2014, 1063, 259-268. | 3.6 | 16 |
| 24 | The influence of different carbon sources in the carbothermal reduction and nitridation (CRN) synthesis of SiAlON from nanocomposite precursors based on Al-SBA-15. <i>Ceramics International</i> , 2013, 39, 6293-6298. | 4.8 | 5 |
| 25 | Hydrothermal synthesis of pure AlPO ₄₋₅ without fluoride medium: synthesis, characterization and application as a support. <i>Journal of Porous Materials</i> , 2013, 20, 547-556. | 2.6 | 7 |
| 26 | Synthesis and characterization of mesoporous poly (4-methylvinylpyridinium hydroxide) as an efficient heterogeneous organocatalyst. <i>Materials Chemistry and Physics</i> , 2013, 138, 427-433. | 4.0 | 2 |
| 27 | Low-temperature Magnesiothermic Synthesis of Mesoporous Silicon Carbide from an MCM-48/Polyacrylamide Nanocomposite Precursor. <i>Journal of Materials Science and Technology</i> , 2013, 29, 255-260. | 10.7 | 24 |
| 28 | Synthesis, characterization, and application of a manganese Schiff base complex containing salicylaldehyde-poly(vinylamine)/SBA-15 as a novel heterogeneous hybrid catalyst. <i>RSC Advances</i> , 2013, 3, 12816. | 3.6 | 13 |
| 29 | ZSM-5-SO ₃ H: An Efficient Catalyst for Acylation of Sulfonamides Amines, Alcohols, and Phenols under Solvent-Free Conditions. <i>ISRN Organic Chemistry</i> , 2013, 2013, 1-12. | 1.0 | 5 |
| 30 | Synthesis of Heterogeneous Copper Catalyst Based on Amino-Functionalized Triazine Rings Supported by Silica-Gel for Oxidation of Alcohols. <i>Journal of Chemistry</i> , 2013, 2013, 1-7. | 1.9 | 5 |
| 31 | Knoevenagel Condensation of Aldehydes with Ethyl Cyanoacetate in Water Catalyzed by P4VP/Al ₂ O ₃ -SiO ₂ . <i>Journal of Chemistry</i> , 2013, 2013, 1-8. | 1.9 | 6 |
| 32 | Characterization and catalytic performance of poly(4-vinylpyridine) supported on mesoporous carbon: comparison with poly(4-vinylpyridine) supported on mesoporous silica. <i>Journal of Porous Materials</i> , 2012, 19, 557-565. | 2.6 | 8 |
| 33 | CRN synthesis of β -SiAlON from a nanocomposite precursor of mesoporous silica-alumina (Al-SBA-15) with poly 4-vinyl pyridine. <i>Journal of Porous Materials</i> , 2012, 19, 775-780. | 2.6 | 4 |
| 34 | Highly selective oxidation of alcohols using MnO ₂ /TiO ₂ -ZrO ₂ as a novel heterogeneous catalyst. <i>Comptes Rendus Chimie</i> , 2012, 15, 428-436. | 0.5 | 24 |
| 35 | Preparation and characterization of bentonite/PS-SO ₃ H nanocomposites as an efficient acid catalyst for the Biginelli reaction. <i>Applied Clay Science</i> , 2012, 55, 1-9. | 5.2 | 75 |
| 36 | Pd-poly(N-vinyl-2-pyrrolidone)/KIT-6 nanocomposite: Preparation, structural study, and catalytic activity. <i>Comptes Rendus Chimie</i> , 2012, 15, 988-995. | 0.5 | 11 |

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|----|---|-----|-----------|
| 37 | Investigating the Properties of the Nanocomposite (poly(4-vinyl pyridine)/Al-SBA-15): A Precursor for β -SiAlON. <i>Molecular Crystals and Liquid Crystals</i> , 2012, 555, 104-111. | 0.9 | 1 |
| 38 | Hydrotalcite as an Efficient and Reusable Catalyst for Acylation of Phenols, Amines and Thiols Under Solvent-free Conditions. <i>E-Journal of Chemistry</i> , 2012, 9, 2501-2508. | 0.5 | 6 |
| 39 | Palladium Nanoparticles Supported on Poly(2-hydroxyethyl methacrylate)/KIT-6 Composite as an Efficient and Reusable Catalyst for Suzuki-Miyaura Reaction in Water. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2012, 22, 404-414. | 3.7 | 22 |
| 40 | Aerobic Oxidation of Alcohols Catalyzed by Copper Nanoparticle-Polyacrylamide/SBA-15 as Novel Polymer-Inorganic Hybrid. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2012, 22, 536-542. | 3.7 | 19 |
| 41 | ZSM-5-SO ₃ H as a novel, efficient, and reusable catalyst for the chemoselective synthesis and deprotection of 1,1-diacetates under eco-friendly conditions. <i>Monatshefte für Chemie</i> , 2012, 143, 643-652. | 1.8 | 37 |
| 42 | A novel catalyst containing palladium nanoparticles supported on poly(2-hydroxyethyl) Tj ETQqO O 0 rgBT /Overlock 10 Tf 50 547 Td (m) nanocomposite. <i>Applied Catalysis A: General</i> , 2012, 423-424, 78-90. | 4.3 | 18 |
| 43 | Synthesis and characterization of Pd-poly(N-vinyl-2-pyrrolidone)/KIT-5 nanocomposite for Heck reaction. <i>Materials Research Bulletin</i> , 2012, 47, 160-166. | 5.2 | 9 |
| 44 | Palladium nanoparticles supported on a poly(N-vinyl-2-pyrrolidone)-modified mesoporous carbon nanocage as a novel heterogeneous catalyst for the Heck reaction in water. <i>Tetrahedron Letters</i> , 2012, 53, 3763-3766. | 1.4 | 22 |
| 45 | Synthesis and characterization of polyvinyl amine-SiO ₂ -Al ₂ O ₃ as a new and inexpensive organic-inorganic hybrid basic catalyst. <i>Journal of Industrial and Engineering Chemistry</i> , 2012, 18, 909-918. | 5.8 | 26 |
| 46 | Synthesis and characterization of P4VP/SBA-15 composite by in situ polymerization. <i>Monatshefte für Chemie</i> , 2012, 143, 325-334. | 1.8 | 0 |
| 47 | Synthesis and characterization of Ni nanoparticles-polyvinylamine/SBA-15 catalyst for simple reduction of aromatic nitro compounds. <i>Catalysis Communications</i> , 2011, 12, 955-960. | 3.3 | 113 |
| 48 | Synthesis and characterization of poly(4-vinylpyridine)/MCM-48 catalyst for one-pot synthesis of substituted 4H-chromenes. <i>Catalysis Communications</i> , 2011, 12, 1231-1237. | 3.3 | 49 |
| 49 | Synthesis and characterization of polymer/microporous molecular sieve nanocomposite as a shape-selective basic catalyst. <i>Comptes Rendus Chimie</i> , 2011, 14, 1002-1013. | 0.5 | 7 |
| 50 | Synthesis and characterization of Pd-poly(N-vinyl-2-pyrrolidone)/KIT-5 nanocomposite as a polymer-inorganic hybrid catalyst for the Suzuki-Miyaura cross-coupling reaction. <i>Journal of Solid State Chemistry</i> , 2011, 184, 3095-3103. | 2.9 | 20 |
| 51 | Synthesis and characterization of PVAm/SBA-15 as a novel organic-inorganic hybrid basic catalyst. <i>Materials Chemistry and Physics</i> , 2011, 125, 784-790. | 4.0 | 35 |
| 52 | Synthesis, characterization and catalytic activity studies of Pd-based supported nanoparticle catalyst anchoring on poly(N-vinyl-2-pyrrolidone) modified CMK-3. <i>Materials Chemistry and Physics</i> , 2011, 130, 1287-1293. | 4.0 | 14 |
| 53 | Metal (Co, Mn)-amine-functionalized mesoporous silica SBA-15: synthesis, characterization and catalytic properties in hydroxylation of benzene. <i>Journal of Porous Materials</i> , 2011, 18, 475-482. | 2.6 | 38 |
| 54 | Preparation, characterization and catalyst application of ternary interpenetrating networks of poly 4-methyl vinyl pyridinium hydroxide-SiO ₂ -Al ₂ O ₃ . <i>Journal of Solid State Chemistry</i> , 2011, 184, 2009-2016. | 2.9 | 15 |

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|----|--|-----|-----------|
| 55 | Synthesis and characterization of BEA-SO ₃ H as an efficient and chemoselective acid catalyst. <i>Journal of Molecular Catalysis A</i> , 2011, 335, 51-59. | 4.8 | 20 |
| 56 | Highly Selective Synthesis of Î ² -Amino Carbonyl Compounds over ZSM-5-SO ₃ H under Solvent-free Conditions. <i>Bulletin of the Korean Chemical Society</i> , 2011, 32, 1703-1708. | 1.9 | 21 |
| 57 | Suzuki-Miyaura Cross-coupling Reaction Catalyzed by Nickel Nanoparticles Supported on Poly(N-vinyl-2-pyrrolidone)/TiO ₂ -ZrO ₂ Composite. <i>Bulletin of the Korean Chemical Society</i> , 2011, 32, 2584-2592. | 1.9 | 11 |
| 58 | Highly Selective Vapor-Phase Acylation of Veratrole over H ₃ PO ₄ /TiO ₂ -ZrO ₂ : Using Ethyl Acetate as a Green and Efficient Acylating Agent. <i>Chinese Journal of Chemistry</i> , 2010, 28, 273-284. | 4.9 | 7 |
| 59 | Fast and Efficient Nitration of Salicylic Acid and Some Other Aromatic Compounds over H ₃ PO ₄ /TiO ₂ -ZrO ₂ Using Nitric Acid. <i>Chinese Journal of Chemistry</i> , 2010, 28, 397-403. | 4.9 | 11 |
| 60 | Highly Selective Aldol Condensation Using Amine-functionalized SiO ₂ -Al ₂ O ₃ Mixed-oxide under Solvent-free Condition. <i>Chinese Journal of Chemistry</i> , 2010, 28, 2074-2082. | 4.9 | 9 |
| 61 | Crosslinked methyl methacrylate/ethylene glycol dimethacrylate polymer compounds with a macroazoinitiator. <i>Journal of Applied Polymer Science</i> , 2010, 116, 382-393. | 2.6 | 7 |
| 62 | Preparation and characterization of P4MVP MnO ₄ /SBA-15 as an efficient heterogeneous oxidant: An organic-inorganic hybrid polymer. <i>Catalysis Communications</i> , 2010, 11, 1109-1115. | 3.3 | 24 |
| 63 | An Efficient and Green Approach for the Esterification of Aromatic Acids with Various Alcohols over H ₃ PO ₄ /TiO ₂ -ZrO ₂ . <i>Bulletin of the Korean Chemical Society</i> , 2010, 31, 2361-2367. | 1.9 | 16 |
| 64 | Synthesis, Characterization and Application of Poly(4-Methyl Vinylpyridinium Hydroxide)/SBA-15 Composite as a Highly Active Heterogeneous Basic Catalyst for the Knoevenagel Reaction. <i>Bulletin of the Korean Chemical Society</i> , 2010, 31, 2618-2626. | 1.9 | 30 |
| 65 | A novel and efficient solvent-free and heterogeneous method for the synthesis of primary, secondary and bis-N-acylsulfonamides using metal hydrogen sulfate catalysts. <i>Tetrahedron</i> , 2009, 65, 7696-7705. | 1.9 | 23 |
| 66 | Highly selective vapor phase nitration of toluene to 4-nitro toluene using modified and unmodified H ₃ PO ₄ /ZSM-5. <i>Applied Catalysis A: General</i> , 2009, 353, 1-8. | 4.3 | 38 |
| 67 | Adsorption of Organic Pollutants from Aqueous Solutions on Cereal Ashes. <i>Journal of Chemical & Engineering Data</i> , 2008, 53, 2707-2709. | 1.9 | 13 |
| 68 | High selective SiO ₂ -Al ₂ O ₃ mixed-oxide modified carbon paste electrode for anodic stripping voltammetric determination of Pb(II). <i>Talanta</i> , 2007, 73, 37-45. | 5.5 | 55 |
| 69 | Highly selective vapor phase Fries rearrangement of phenyl acetate to 2-hydroxyacetophenone using H ₃ PO ₄ /ZrO ₂ -TiO ₂ . <i>Catalysis Communications</i> , 2007, 8, 1843-1850. | 3.3 | 12 |
| 70 | Vapor phase acylation of phenol with ethyl acetate over H ₃ PO ₄ /TiO ₂ -ZrO ₂ . <i>Applied Catalysis A: General</i> , 2007, 320, 35-42. | 4.3 | 25 |
| 71 | Internal versus external surface active sites in ZSM-5 zeolite Part 1. Fries rearrangement catalyzed by modified and unmodified H ₃ PO ₄ /ZSM-5. <i>Applied Catalysis A: General</i> , 2006, 298, 32-39. | 4.3 | 26 |
| 72 | Applications of surfactant-modified clays to synthetic organic chemistry. <i>Tetrahedron</i> , 2005, 61, 5529-5534. | 1.9 | 11 |

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|----|--|-----|-----------|
| 73 | Vapor-phase Beckmann rearrangement of cyclohexanone oxime over H ₃ PO ₄ /ZrO ₂ •TiO ₂ . Applied Catalysis A: General, 2005, 287, 83-88. | 4.3 | 40 |
| 74 | Investigation of thermodynamic parameters of cetyl pyridinium bromide sorption onto ZSM-5 and natural clinoptilolite. Journal of Chemical Thermodynamics, 2004, 36, 95-100. | 2.0 | 21 |
| 75 | Free-energy of adsorption of a cationic surfactant onto Na-bentonite (Iran): inspection of adsorption layer by X-ray spectroscopy. Journal of Chemical Thermodynamics, 2004, 36, 707-713. | 2.0 | 19 |
| 76 | A Kinetic Study of 2-Ethyl-1-hexanol Oxidation by Dichromate Using Clay-Supported 1-Butyl 4-aza-1-azonia Bicyclo[2.2.2]octane Chloride as the Phase-Transfer Catalyst. Organic Process Research and Development, 2003, 7, 936-938. | 2.7 | 6 |