

Greta Patzke

List of Publications by Year in descending order

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142
papers

6,871
citations

66250

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75989

78
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168
all docs

168
docs citations

168
times ranked

9261
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Fluoride etched Ni-based electrodes as economic oxygen evolution electrocatalysts. International Journal of Hydrogen Energy, 2022, 47, 1613-1623. | 3.8 | 7 |
| 2 | Solar Hydrogen Production. Energy Technology, 2022, 10, . | 1.8 | 4 |
| 3 | Dynamics and control of active sites in hierarchically nanostructured cobalt phosphide/chalcogenide-based electrocatalysts for water splitting. Energy and Environmental Science, 2022, 15, 727-739. | 15.6 | 96 |
| 4 | Molecular and heterogeneous water oxidation catalysts: recent progress and joint perspectives. Chemical Society Reviews, 2021, 50, 2444-2485. | 18.7 | 102 |
| 5 | Reaction kinetics and interplay of two different surface states on hematite photoanodes for water oxidation. Nature Communications, 2021, 12, 255. | 5.8 | 74 |
| 6 | Co/Ni-polyoxotungstate photocatalysts as precursor materials for electrocatalytic water oxidation. RSC Advances, 2021, 11, 11425-11436. | 1.7 | 3 |
| 7 | Economic Manganese-Oxide-Based Anodes for Efficient Water Oxidation: Rapid Synthesis and In Situ Transmission Electron Microscopy Monitoring. ACS Catalysis, 2021, 11, 2511-2523. | 5.5 | 10 |
| 8 | Reversible Phase Transformations in Novel Ce ⁴⁺ -Substituted Perovskite Oxide Composites for Solar Thermochemical Redox Splitting of CO ₂ . Advanced Energy Materials, 2021, 11, 2003532. | 10.2 | 18 |
| 9 | Hematite Photoanodes for Water Oxidation: Electronic Transitions, Carrier Dynamics, and Surface Energetics. Angewandte Chemie, 2021, 133, 18528-18544. | 1.6 | 8 |
| 10 | Hematite Photoanodes for Water Oxidation: Electronic Transitions, Carrier Dynamics, and Surface Energetics. Angewandte Chemie - International Edition, 2021, 60, 18380-18396. | 7.2 | 55 |
| 11 | Mechanistic Understanding of Water Oxidation in the Presence of a Copper Complex by <i>In Situ</i> Electrochemical Liquid Transmission Electron Microscopy. ACS Applied Materials & Interfaces, 2021, 13, 19927-19937. | 4.0 | 27 |
| 12 | Power-to-X: Lighting the Path to a Net-Zero-Emission Future. ACS Sustainable Chemistry and Engineering, 2021, 9, 7179-7181. | 3.2 | 39 |
| 13 | The Role of Surface States on Reduced TiO ₂ @BiVO ₄ Photoanodes: Enhanced Water Oxidation Performance through Improved Charge Transfer. ACS Catalysis, 2021, 11, 7637-7646. | 5.5 | 54 |
| 14 | Understanding the Dynamics of Molecular Water Oxidation Catalysts with Liquid-Phase Transmission Electron Microscopy: The Case of Vitamin B ₁₂ . ACS Sustainable Chemistry and Engineering, 2021, 9, 9494-9505. | 3.2 | 17 |
| 15 | Mechanistic insight into the active centers of single/dual-atom Ni/Fe-based oxygen electrocatalysts. Nature Communications, 2021, 12, 5589. | 5.8 | 173 |
| 16 | Unraveling Nanoscale Cobalt Oxide Catalysts for the Oxygen Evolution Reaction: Maximum Performance, Minimum Effort. Journal of the American Chemical Society, 2021, 143, 15022-15038. | 6.6 | 44 |
| 17 | Bifunctional Single Atom Electrocatalysts: Coordination-Performance Correlations and Reaction Pathways. ACS Nano, 2020, 14, 13279-13293. | 7.3 | 107 |
| 18 | Understanding and Optimizing Ultra-Thin Coordination Polymer Derivatives with High Oxygen Evolution Performance. Advanced Energy Materials, 2020, 10, 2002228. | 10.2 | 28 |

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| 19 | Microwave-Hydrothermal Tuning of Spinel-Type Co ₃ O ₄ Water Oxidation Catalysts. <i>Frontiers in Chemistry</i> , 2020, 8, 473. | 1.8 | 8 |
| 20 | Isothermal relaxation kinetics for the reduction and oxidation of SrFeO ₃ based perovskites. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 2466-2474. | 1.3 | 24 |
| 21 | Ir- and Ru-doped layered double hydroxides as affordable heterogeneous catalysts for electrochemical water oxidation. <i>Dalton Transactions</i> , 2020, 49, 2468-2476. | 1.6 | 29 |
| 22 | Molybdenum-Doped Manganese Oxide as a Highly Efficient and Economical Water Oxidation Catalyst. <i>ACS Catalysis</i> , 2020, 10, 2074-2087. | 5.5 | 70 |
| 23 | Self-Templating Strategies for Transition Metal Sulfide Nanoboxes as Robust Bifunctional Electrocatalysts. <i>Chemistry of Materials</i> , 2020, 32, 1371-1383. | 3.2 | 50 |
| 24 | Nanocomposites of Polyoxometalates and Chitosan-Based Polymers as Tuneable Anticancer Agents. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 348-356. | 1.0 | 9 |
| 25 | Pathways towards true catalysts: computational modelling and structural transformations of Zn-polyoxotungstates. <i>Dalton Transactions</i> , 2019, 48, 13293-13304. | 1.6 | 4 |
| 26 | Dynamic Role of Cluster Cocatalysts on Molecular Photoanodes for Water Oxidation. <i>Journal of the American Chemical Society</i> , 2019, 141, 12839-12848. | 6.6 | 29 |
| 27 | Soft Templating and Disorder in an Applied 1D Cobalt Coordination Polymer Electrocatalyst. <i>Matter</i> , 2019, 1, 1354-1369. | 5.0 | 7 |
| 28 | Preparative History vs Driving Force in Water Oxidation Catalysis: Parameter Space Studies of Cobalt Spinels. <i>ACS Omega</i> , 2019, 4, 15444-15456. | 1.6 | 9 |
| 29 | Nanocomposites of Polyoxometalates and Chitosan-Based Polymers as Tuneable Anticancer Agents. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 337-337. | 1.0 | 1 |
| 30 | Transition metal electrocatalysts encapsulated into N-doped carbon nanotubes on reduced graphene oxide nanosheets: efficient water splitting through synergistic effects. <i>Journal of Materials Chemistry A</i> , 2019, 7, 15145-15155. | 5.2 | 75 |
| 31 | Mechanistically Driven Control over Cubane Oxo Cluster Catalysts. <i>Journal of the American Chemical Society</i> , 2019, 141, 8846-8857. | 6.6 | 16 |
| 32 | Water Oxidation Catalysts: The Quest for New Oxide-Based Materials. <i>Inorganics</i> , 2019, 7, 29. | 1.2 | 17 |
| 33 | The <i>h</i> - <i>Sb</i> - <i>WO</i> _{3+2<i>x</i>} Oxygen Excess Antimony Tungsten Bronze. <i>Chemistry - A European Journal</i> , 2019, 25, 2082-2088. | 1.7 | 6 |
| 34 | Reactive stability of promising scalable doped ceria materials for thermochemical two-step CO ₂ dissociation. <i>Journal of Materials Chemistry A</i> , 2018, 6, 5807-5816. | 5.2 | 23 |
| 35 | Frontispiece: Monitoring the Hydrothermal Growth of Cobalt Spinel Water Oxidation Catalysts: From Preparative History to Catalytic Activity. <i>Chemistry - A European Journal</i> , 2018, 24, . | 1.7 | 0 |
| 36 | Efficient photocatalytic hydrogen evolution with ligand engineered all-inorganic InP and InP/ZnS colloidal quantum dots. <i>Nature Communications</i> , 2018, 9, 4009. | 5.8 | 179 |

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|----|--|------|-----------|
| 37 | Monitoring surface transformations of metal carbodiimide water oxidation catalysts by operando XAS and Raman spectroscopy. Dalton Transactions, 2018, 47, 10759-10766. | 1.6 | 11 |
| 38 | Depth-Profiling Microanalysis of CoNCN Water-Oxidation Catalyst Using a $\lambda = 46.9$ nm Plasma Laser for Nano-Ionization Mass Spectrometry. Analytical Chemistry, 2018, 90, 9234-9240. | 3.2 | 15 |
| 39 | Photoinduced Oxygen Evolution Catalysis Promoted by Polyoxometalate Salts of Cationic Photosensitizers. Frontiers in Chemistry, 2018, 6, 302. | 1.8 | 8 |
| 40 | Monitoring the Hydrothermal Growth of Cobalt Spinel Water Oxidation Catalysts: From Preparative History to Catalytic Activity. Chemistry - A European Journal, 2018, 24, 18424-18435. | 1.7 | 13 |
| 41 | Time-Resolved Powder X-ray Diffraction of the Solvothermal Crystallization of Cobalt Gallate Spinel Photocatalyst Reveals Transient Layered Double Hydroxides. Chemistry of Materials, 2017, 29, 5053-5057. | 3.2 | 14 |
| 42 | Synthesis and Characterization of OD $\hat{=}$ 3D Copper-Containing Tungstobismuthates Obtained from the Lacunary Precursor Na ₉ [B $\hat{=}$ BiW ₉ O ₃₃]. Inorganic Chemistry, 2017, 56, 327-335. | 1.9 | 30 |
| 43 | {Co ₄ O ₄ } and {Co _x Ni _{4-x} O ₄ } Cubane Water Oxidation Catalysts as Surface Cut-Outs of Cobalt Oxides. Journal of the American Chemical Society, 2017, 139, 14198-14208. | 6.6 | 94 |
| 44 | Thermodynamics of paired charge-compensating doped ceria with superior redox performance for solar thermochemical splitting of H ₂ O and CO ₂ . Journal of Materials Chemistry A, 2017, 5, 19476-19484. | 5.2 | 42 |
| 45 | Trends in the phase stability and thermochemical oxygen exchange of ceria doped with potentially tetravalent metals. Journal of Materials Chemistry A, 2017, 5, 19901-19913. | 5.2 | 32 |
| 46 | Frontiers of water oxidation: the quest for true catalysts. Chemical Society Reviews, 2017, 46, 6124-6147. | 18.7 | 198 |
| 47 | Bi ₂ O ₂ CO ₃ Growth at Room Temperature: In Situ X-ray Diffraction Monitoring and Thermal Behavior. ACS Omega, 2017, 2, 8213-8221. | 1.6 | 9 |
| 48 | Computational Investigation and Design of Cobalt Aqua Complexes for Homogeneous Water Oxidation. Journal of Physical Chemistry C, 2016, 120, 7966-7975. | 1.5 | 37 |
| 49 | Use of Lanthanide-Containing Polyoxometalates to Sensitise the Emission of Fluorescent Labelled Serum Albumin. ChemPhysChem, 2016, 17, 418-424. | 1.0 | 9 |
| 50 | Synthesis and screening of N-acyl thiolated chitosans for antibacterial applications. Carbohydrate Polymers, 2016, 151, 1184-1192. | 5.1 | 31 |
| 51 | Promoting Photochemical Water Oxidation with Metallic Band Structures. Journal of the American Chemical Society, 2016, 138, 1527-1535. | 6.6 | 32 |
| 52 | Nickel-Containing Keggin-Type Polyoxometalates as Hydrogen Evolution Catalysts: Photochemical Structure-Activity Relationships. ChemPlusChem, 2015, 80, 1389-1398. | 1.3 | 45 |
| 53 | Lanthanum Manganite Perovskites with Ca/Sr A-site and Al B-site Doping as Effective Oxygen Exchange Materials for Solar Thermochemical Fuel Production. Energy Technology, 2015, 3, 1130-1142. | 1.8 | 116 |
| 54 | The Fascination of Polyoxometalate Chemistry. Inorganics, 2015, 3, 511-515. | 1.2 | 7 |

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|----|---|-----|-----------|
| 55 | Photochemical and electrocatalytic water oxidation activity of cobalt carbodiimide. <i>Journal of Materials Chemistry A</i> , 2015, 3, 5072-5082. | 5.2 | 68 |
| 56 | Electronic and optical properties of N-doped Bi ₂ O ₃ polymorphs for visible light-induced photocatalysis. <i>Journal of Molecular Modeling</i> , 2015, 21, 48. | 0.8 | 11 |
| 57 | Homogeneous Photochemical Water Oxidation with Cobalt Chloride in Acidic Media. <i>ACS Catalysis</i> , 2015, 5, 4994-4999. | 5.5 | 20 |
| 58 | Correlations among Structure, Electronic Properties, and Photochemical Water Oxidation: A Case Study on Lithium Cobalt Oxides. <i>ACS Catalysis</i> , 2015, 5, 3791-3800. | 5.5 | 35 |
| 59 | Systematic study on the influence of the morphology of $\text{I}^{\pm}\text{-MoO}_3$ in the selective oxidation of propylene. <i>Journal of Solid State Chemistry</i> , 2015, 228, 42-52. | 1.4 | 24 |
| 60 | Visible-Light-Driven Water Oxidation with Nanoscale $\text{Co}_{3}\text{O}_{4}$: New Optimization Strategies. <i>Chemistry - an Asian Journal</i> , 2014, 9, 2249-2259. | 1.7 | 28 |
| 61 | Structure and Properties of New Gallium-containing Polyoxotungstates with Hexanuclear and Tetranuclear Cores. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2014, 640, 781-789. | 0.6 | 10 |
| 62 | From semiconductors to semimetals: bismuth as a photocatalyst for NO oxidation in air. <i>Journal of Materials Chemistry A</i> , 2014, 2, 11065-11072. | 5.2 | 88 |
| 63 | Selective oxidation of propylene to acrolein by hydrothermally synthesized bismuth molybdates. <i>Applied Catalysis A: General</i> , 2014, 482, 145-156. | 2.2 | 41 |
| 64 | Environmentally friendly room temperature synthesis and humidity sensing applications of nanostructured Bi ₂ O ₂ CO ₃ . <i>Sensors and Actuators B: Chemical</i> , 2013, 188, 1312-1318. | 4.0 | 52 |
| 65 | Trimethyl and carboxymethyl chitosan carriers for bio-active polymer-inorganic nanocomposites. <i>Carbohydrate Polymers</i> , 2013, 91, 58-67. | 5.1 | 33 |
| 66 | Photocatalytic water oxidation with cobalt-containing tungstobismutates: tuning the metal core. <i>Catalysis Science and Technology</i> , 2013, 3, 3117. | 2.1 | 47 |
| 67 | Closer to Photosystem II: A Co_4O_4 Cubane Catalyst with Flexible Ligand Architecture. <i>Journal of the American Chemical Society</i> , 2013, 135, 18734-18737. | 6.6 | 154 |
| 68 | Photodynamic Mechanisms induced by a Combination of Hypericin and a Chlorin Based Photosensitizer in Head and Neck Squamous Cell Carcinoma Cells. <i>Photochemistry and Photobiology</i> , 2013, 89, 150-162. | 1.3 | 25 |
| 69 | All-inorganic 1D chain-based architecture of a novel dimanganese-substituted Keggin polyoxotungstate. <i>Polyhedron</i> , 2013, 52, 151-158. | 1.0 | 14 |
| 70 | Trilacunary Keggin-Type POMs as Versatile Building Blocks for Lanthanoid Silicotungstates. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 1681-1692. | 1.0 | 15 |
| 71 | Synthesis, characterization and bioimaging of fluorescent labeled polyoxometalates. <i>Dalton Transactions</i> , 2013, 42, 9914. | 1.6 | 40 |
| 72 | One-step hydrothermal synthesis of hierarchical Ag/Bi ₂ WO ₆ composites: In situ growth monitoring and photocatalytic activity studies. <i>Science China Chemistry</i> , 2013, 56, 435-442. | 4.2 | 53 |

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|----|--|-----|-----------|
| 73 | Chitosan-Thioglycolic Acid as a Versatile Antimicrobial Agent. <i>Biomacromolecules</i> , 2013, 14, 1010-1017. | 2.6 | 71 |
| 74 | Synthesis, Characterization, and Thermochemical Redox Performance of Hf ⁴⁺ , Zr ⁴⁺ , and Sc ³⁺ Doped Ceria for Splitting CO ₂ . <i>Journal of Physical Chemistry C</i> , 2013, 117, 24104-24114. | 1.5 | 153 |
| 75 | Hydrazine-Assisted Formation of Indium Phosphide (InP)-Based Nanowires and Core-Shell Composites. <i>Materials</i> , 2013, 6, 85-100. | 1.3 | 7 |
| 76 | New spinel oxide catalysts for visible-light-driven water oxidation. <i>RSC Advances</i> , 2012, 2, 3076. | 1.7 | 27 |
| 77 | New Perspectives on Polyoxometalate Catalysts: Alcohol Oxidation with Zn/Sb-Polyoxotungstates. <i>Chemistry - A European Journal</i> , 2012, 18, 13293-13298. | 1.7 | 48 |
| 78 | Co/Mn-Oxides for Visible-Light-Driven Photocatalytic Water Oxidation. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2012, 638, 1562-1562. | 0.6 | 0 |
| 79 | 1D- and 2D-architectures via self-assembly of the novel sandwich-type polyoxometalate [Zn ₂ Sb ₂ (B [±] -ZnW ₉ O ₃₄) ₂] ₁₄ . <i>CrystEngComm</i> , 2012, 14, 6778. | 1.3 | 10 |
| 80 | Morphology control of BiVO ₄ photocatalysts: pH optimization vs. self-organization. <i>Materials Chemistry and Physics</i> , 2012, 135, 457-466. | 2.0 | 42 |
| 81 | Microwave-hydrothermal synthesis and characterization of nanostructured copper substituted ZnM ₂ O ₄ (M = Al, Ga) spinels as precursors for thermally stable Cu catalysts. <i>Nanoscale</i> , 2012, 4, 2018. | 2.8 | 34 |
| 82 | Bi ₂ O ₃ or Bi ₆ S ₂ O ₁₅ nanowires? The role of templating inorganic additives in nanomaterials formation. <i>CrystEngComm</i> , 2012, 14, 1161-1163. | 1.3 | 10 |
| 83 | Synthesis and characterization of open and sandwich-type polyoxometalates reveals visible-light-driven water oxidation via POM-photosensitizer complexes. <i>Green Chemistry</i> , 2012, 14, 1680. | 4.6 | 130 |
| 84 | Photocatalytic Composites of Silicone Nanofilaments and TiO ₂ Nanoparticles. <i>Advanced Functional Materials</i> , 2012, 22, 4433-4438. | 7.8 | 36 |
| 85 | Synthetic trends for BiVO ₄ photocatalysts: Molybdenum substitution vs. TiO ₂ and SnO ₂ heterojunctions. <i>Journal of Solid State Chemistry</i> , 2012, 189, 38-48. | 1.4 | 25 |
| 86 | Humidity sensing properties of bismuth phosphates. <i>Sensors and Actuators B: Chemical</i> , 2012, 166-167, 642-649. | 4.0 | 34 |
| 87 | In Situ X-ray Absorption Spectroscopy/Energy-Dispersive X-ray Diffraction Studies on the Hydrothermal Formation of Bi ₂ W ₁₀ Mo _x O ₆ Nanomaterials. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 783-789. | 1.0 | 29 |
| 88 | Lanthanoid-Containing Open Wells Dawson Silicotungstates: Synthesis, Crystal Structures, and Properties. <i>Inorganic Chemistry</i> , 2011, 50, 4944-4955. | 1.9 | 56 |
| 89 | W/Mo-Oxide Nanomaterials: Structure-Property Relationships and Ammonia-Sensing Studies. <i>Journal of Physical Chemistry C</i> , 2011, 115, 1134-1142. | 1.5 | 32 |
| 90 | Humidity sensors based on ZnO/TiO ₂ core/shell nanorod arrays with enhanced sensitivity. <i>Sensors and Actuators B: Chemical</i> , 2011, 159, 1-7. | 4.0 | 133 |

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|-----|---|-----|-----------|
| 91 | Self-assembly of dilacunary building blocks into high-nuclear [Ln ₁₆ As ₁₆ W ₁₆₄ O ₅₇₆ (OH) ₈ (H ₂ O) ₄₂] ²⁶⁺ polyoxotungstates. CrystEngComm, 2011, 13, 530-536. | 1.3 | 63 |
| 92 | A new series of lanthanoid containing Keggin-type germanotungstates with acetate chelators: [Ln(CH ₃ COO)GeW ₁₁ O ₃₉ (H ₂ O) ₂] ₁₂ ³⁺ {Ln=EulIII, GdIII, TbIII, DyIII, HoIII, ErIII, TmIII, and YbIII}. Journal of Solid State Chemistry, 2011, 184, 214-219. | 1.4 | 21 |
| 93 | Targeted Delivery of Polyoxometalate Nanocomposites. Small, 2011, 7, 2808-2814. | 5.2 | 58 |
| 94 | Oxide Nanomaterials: Synthetic Developments, Mechanistic Studies, and Technological Innovations. Angewandte Chemie - International Edition, 2011, 50, 826-859. | 7.2 | 326 |
| 95 | Synthesis, Characterisation and Cytotoxicity of Polyoxometalate/Carboxymethyl Chitosan Nanocomposites. Chemistry - A European Journal, 2011, 17, 4619-4625. | 1.7 | 65 |
| 96 | HIV-1 protease inhibition potential of functionalized polyoxometalates. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 1162-1166. | 1.0 | 71 |
| 97 | Targeted Synthesis and Environmental Applications of Oxide Nanomaterials. Chimia, 2010, 64, 252. | 0.3 | 4 |
| 98 | Yttrium containing head-on complexes of silico- and germanotungstate: Synthesis, structure and solution properties. Inorganica Chimica Acta, 2010, 363, 4324-4328. | 1.2 | 20 |
| 99 | Microwave-Hydrothermal Synthesis of Nanostructured Zinc-Copper Gallates. European Journal of Inorganic Chemistry, 2010, 2010, 2036-2043. | 1.0 | 24 |
| 100 | Humidity sensors based on Aurivillius type Bi ₂ MO ₆ (M=W, Mo) oxide films. Sensors and Actuators B: Chemical, 2010, 148, 240-246. | 4.0 | 38 |
| 101 | An inorganic hydrothermal route to photocatalytically active bismuth vanadate. Applied Catalysis A: General, 2010, 375, 140-148. | 2.2 | 113 |
| 102 | Hydrothermal Synthesis of Bi ₆ S ₂ O ₁₅ Nanowires: Structural, in situ EXAFS, and Humidity Sensing Studies. Small, 2010, 6, 1173-1179. | 5.2 | 26 |
| 103 | The photophysics of europium and terbium polyoxometalates and their interaction with serum albumin: a time-resolved luminescence study. Physical Chemistry Chemical Physics, 2010, 12, 7266. | 1.3 | 64 |
| 104 | In situ X-ray diffraction study of the hydrothermal crystallization of hierarchical Bi ₂ WO ₆ nanostructures. Nanoscale, 2010, 2, 2412. | 2.8 | 41 |
| 105 | One-step hydrothermal coating approach to photocatalytically active oxide composites. Dalton Transactions, 2010, 39, 6043. | 1.6 | 31 |
| 106 | Mechanical and electronic properties of vanadium oxide nanotubes. Journal of Applied Physics, 2009, 105, . | 1.1 | 26 |
| 107 | A Gadolinium-Bridged Polytungstoarsenate(III) Nanocluster: [Gd ₈ As ₁₂ W ₁₂₄ O ₄₃₂ (H ₂ O) ₂₂] ²⁶⁺ . Angewandte Chemie - International Edition, 2009, 48, 9088-9091. | 2.6 | 35 |
| 108 | Synthesis and Characterization of Hybrid Materials Derived from Polyaniline and Lacunary Keggin-type Polyoxotungstates. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2009, 635, 624-630. | 0.6 | 6 |

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|-----|---|-----|-----------|
| 109 | The Interplay of Crystallization Kinetics and Morphology in Nanostructured W/Mo Oxide Formation: An in situ Diffraction Study. <i>Small</i> , 2009, 5, 1978-1983. | 5.2 | 38 |
| 110 | Hydrothermal Strategies Towards Polyoxofluoromolybdates(VI). <i>Crystal Growth and Design</i> , 2009, 9, 755-765. | 1.4 | 20 |
| 111 | Caesium-templated lanthanoid-containing polyoxotungstates. <i>Dalton Transactions</i> , 2009, , 4423. | 1.6 | 52 |
| 112 | A series of aluminum tungsten oxides crystallizing in a new ReO ₃ -related structure type. <i>Journal of Solid State Chemistry</i> , 2008, 181, 2646-2652. | 1.4 | 3 |
| 113 | From Functional Nanostructured Oxides to Composite Materials. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2008, 634, 2068-2068. | 0.6 | 0 |
| 114 | Hydrothermal Formation of W/Mo-Oxides: A Multidisciplinary Study of Growth and Shape. <i>Chemistry of Materials</i> , 2008, 20, 3022-3033. | 3.2 | 64 |
| 115 | In the Footsteps of Alfred Werner: The Institute of Inorganic Chemistry at the University of Zurich. <i>Chimia</i> , 2008, 62, 111. | 0.3 | 1 |
| 116 | Hydrothermal synthesis of anisotropic alkali and alkaline earth vanadates. <i>Journal of Materials Research</i> , 2007, 22, 5-18. | 1.2 | 15 |
| 117 | Aluminum Tungsten Oxides with Novel Structures Related to the ReO ₃ -Type. <i>Microscopy and Microanalysis</i> , 2007, 13, 366-367. | 0.2 | 3 |
| 118 | Morphological and Kinetic Studies on Hexagonal Tungstates. <i>Chemistry of Materials</i> , 2007, 19, 185-197. | 3.2 | 54 |
| 119 | Hydrothermal Synthesis and Crystal Structure of Novel Alkali Trimolybdates. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2007, 633, 54-62. | 0.6 | 6 |
| 120 | Synthesis and Characterization of Novel Fluorinated Poly(oxomolybdates). <i>Inorganic Chemistry</i> , 2006, 45, 5641-5652. | 1.9 | 23 |
| 121 | Hydrothermal Synthesis of Molybdenum Oxide Based Materials: Strategy and Structural Chemistry. <i>Chemistry - A European Journal</i> , 2006, 12, 9122-9134. | 1.7 | 57 |
| 122 | Studying the Solvothermal Formation of MoO ₃ Fibers by Complementary In Situ EXAFS/EDXRD Techniques. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 5643-5647. | 7.2 | 100 |
| 123 | Solvothermal Pathways Towards Transition Metal Oxides: Exploration and Optimization. <i>ChemInform</i> , 2005, 36, no. | 0.1 | 0 |
| 124 | High pressure in situ x-ray absorption spectroscopy cell for studying simultaneously the liquid phase and the solid/liquid interface. <i>Review of Scientific Instruments</i> , 2005, 76, 054104. | 0.6 | 64 |
| 125 | Solvothermal Pathways to Transition Metal Oxides. <i>Materials Research Society Symposia Proceedings</i> , 2005, 878, 1. | 0.1 | 0 |
| 126 | Solvothermal synthesis of hierarchically structured pyrochlore ammonium tungstate nanospheres. <i>Materials Research Bulletin</i> , 2004, 39, 887-899. | 2.7 | 8 |

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| 127 | Hierarchical Growth of Mixed Ammonium Molybdenum/Tungsten Bronze Nanorods. Chemistry of Materials, 2004, 16, 1433-1440. | 3.2 | 41 |
| 128 | One-Step Synthesis of Submicrometer Fibers of MoO ₃ . Chemistry of Materials, 2004, 16, 1126-1134. | 3.2 | 120 |
| 129 | Solvothermal Pathways Towards Transition Metal Oxides: Exploration and Optimisation. Chimia, 2004, 58, 228-231. | 0.3 | 2 |
| 130 | Moebius Strips of NbSe ₃ : Morphology Design and Solid-State Chemistry. ChemInform, 2003, 34, no. | 0.1 | 0 |
| 131 | Möbius Strips of NbSe ₃ : Morphology Design and Solid-State Chemistry. Angewandte Chemie - International Edition, 2003, 42, 972-974. | 7.2 | 16 |
| 132 | Nanoröhren und Nanostäbe auf Oxidbasis – anisotrope Bausteine für künftige Nanotechnologien. Angewandte Chemie, 2002, 114, 2554-2571. | 1.6 | 99 |
| 133 | Oxidic Nanotubes and Nanorods – Anisotropic Modules for a Future Nanotechnology. Angewandte Chemie - International Edition, 2002, 41, 2446-2461. | 7.2 | 1,049 |
| 134 | Nanoröhren – Funktionsteilchen des 21. Jahrhunderts?. Nachrichten Aus Der Chemie, 2001, 49, 886-890. | 0.0 | 1 |
| 135 | Synthese, Kristallstruktur und magnetische Eigenschaften von TbAl ₃ Cl ₁₂ . Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2000, 626, 789-792. | 0.6 | 6 |
| 136 | Chemischer Transport fester Lösungen: Der chemische Transport von Mischkristallen im System Co ₃ O ₄ /CoGa ₂ O ₄ . Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2000, 626, 1482-1487. | 0.6 | 4 |
| 137 | Chemischer Transport und Sauerstoffionenleitfähigkeit von Mischkristallen im System In ₂ O ₃ /SnO ₂ . Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2000, 626, 2340-2346. | 0.6 | 4 |
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