

Cezar C Comanescu

List of Publications by Year in descending order

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24
papers

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498
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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Complex Metal Borohydrides: From Laboratory Oddities to Prime Candidates in Energy Storage Applications. <i>Materials</i> , 2022, 15, 2286. | 1.3 | 10 |
| 2 | New superdielectric materials: (1-x) SrFe ₁₂ O ₁₉ · x BNT-BT nanocomposites. <i>Physica B: Condensed Matter</i> , 2022, 642, 414139. | 1.3 | 1 |
| 3 | Recent Development in Nanoconfined Hydrides for Energy Storage. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7111. | 1.8 | 12 |
| 4 | Mössbauer spectroscopy investigation of Fe oxide nanoparticles synthesized by a novel hydrothermal process over a wide pH range (3 ≤ pH ≤ 13). <i>Hyperfine Interactions</i> , 2021, 242, 1. | 0.2 | 0 |
| 5 | Mesoporous Cobalt Ferrite Nanosystems Obtained by Surfactant-Assisted Hydrothermal Method: Tuning Morpho-structural and Magnetic Properties via pH-Variation. <i>Nanomaterials</i> , 2020, 10, 476. | 1.9 | 20 |
| 6 | Optimization of magnetic fluid hyperthermia with respect to nanoparticle shape-related parameters: case of magnetite ellipsoidal nanoparticles. <i>Journal of Nanoparticle Research</i> , 2020, 22, 1. | 0.8 | 9 |
| 7 | Reactivity of a Pd(II) carbene towards 2,6-dimesitylphenyldiazomethane and 2,6-dimesitylphenylazide. <i>Polyhedron</i> , 2019, 158, 352-356. | 1.0 | 2 |
| 8 | Rhodium-Catalyzed Annulation of ortho-Alkenyl Anilides with Alkynes: Formation of Unexpected Naphthalene Adducts. <i>Angewandte Chemie</i> , 2019, 131, 1714-1718. | 1.6 | 1 |
| 9 | Rhodium-Catalyzed Annulation of ortho-Alkenyl Anilides with Alkynes: Formation of Unexpected Naphthalene Adducts. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 1700-1704. | 7.2 | 31 |
| 10 | E-H (E = N, O) bond activation by a nucleophilic palladium carbene. <i>Polyhedron</i> , 2018, 143, 176-183. | 1.0 | 24 |
| 11 | Influence of the Leaving Group on C-H Activation Pathways in Palladium Pincer Complexes. <i>Organometallics</i> , 2018, 37, 2086-2094. | 1.1 | 12 |
| 12 | Structural, Magnetic, and Mössbauer Investigation of Ordered Iron Nitride with Martensitic Structure Obtained from Amorphous Hematite Synthesized via the Microwave Route. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 2958-2966. | 1.8 | 5 |
| 13 | Palladium-Catalyzed Formal (5 + 2) Annulation between ortho-Alkenylanilides and Allenes. <i>Organic Letters</i> , 2017, 19, 1674-1677. | 2.4 | 48 |
| 14 | Formation of Palladium- η^2 -Bound Chalcogenoketones across a Pd-C Bond. <i>Chemistry - A European Journal</i> , 2017, 23, 16948-16952. | 1.7 | 22 |
| 15 | E-H (E = B, Si, Ge) bond activation of pinacolborane, silanes, and germanes by nucleophilic palladium carbene complexes. <i>Chemical Communications</i> , 2016, 52, 9048-9051. | 2.2 | 55 |
| 16 | Palladium carbene complexes as persistent radicals. <i>Chemical Science</i> , 2015, 6, 4570-4579. | 3.7 | 58 |
| 17 | C-H Activation Reactions of a Nucleophilic Palladium Carbene. <i>Organometallics</i> , 2015, 34, 4684-4692. | 1.1 | 57 |
| 18 | Frustrated Lewis pair-like reactions of nucleophilic palladium carbenes with B(C ₆ F ₅) ₃ . <i>Chemical Communications</i> , 2015, 51, 6206-6209. | 2.2 | 55 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Crystal structure of catena-poly[[potassium-tri(1/4-dimethylacetamide- δ^6 O:O) iodide]. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, 196-198. | 0.2 | 0 |
| 20 | Synthesis and characterization of novel mesocomposites Co ₃ O ₄ and CuO@OMS (ordered mesoporous) Tj ETQq0 0.0 rgBT /Qverlock 10 | 0.8 | 2 |
| 21 | Flexible Coordination of Diphosphine Ligands Leading to cis and trans Pd(0), Pd(II), and Rh(I) Complexes. Inorganic Chemistry, 2014, 53, 8517-8528. | 1.9 | 28 |
| 22 | Synthesis and Reactivity of a Nucleophilic Palladium(II) Carbene. Organometallics, 2014, 33, 6059-6064. | 1.1 | 87 |
| 23 | Antimicrobial coatings " obtaining and characterization. Bulletin of Materials Science, 2013, 36, 183-188. | 0.8 | 8 |
| 24 | Nanoconfinement in activated mesoporous carbon of calcium borohydride for improved reversible hydrogen storage. Nanotechnology, 2012, 23, 385401. | 1.3 | 24 |