

Triwikantoro Triwikantoro

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8513426/publications.pdf>

Version: 2024-02-01

38
papers

481
citations

759055

12
h-index

752573

20
g-index

38
all docs

38
docs citations

38
times ranked

439
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Fillerâ€sizeâ€dependent dynamic mechanical properties of polyethylene glycol/zircon composites. Journal of Applied Polymer Science, 2022, 139, 51565. | 1.3 | 2 |
| 2 | Thermal cycling study of prospective fuel-cell sealants from silica-sand/alumina composites. AIP Conference Proceedings, 2020, , . | 0.3 | 0 |
| 3 | Precipitation Process of CaCO ₃ from Natural Limestone for Functional Materials. Journal of AOAC INTERNATIONAL, 2020, 103, 373-381. | 0.7 | 3 |
| 4 | Ferrite-Based Nanoparticles Synthesized from Natural Iron Sand as the Fe ³⁺ Ion Source. , 2020, , . | | 2 |
| 5 | Influence of ZrO ₂ composition on ZrO ₂ /Al ₂ O ₃ ceramics composites properties as prospective materials to dental coating. AIP Conference Proceedings, 2019, , . | 0.3 | 0 |
| 6 | Synthesis of High-Purity Ceramic Nano-Powders Using Dissolution Method. , 2019, , . | | 1 |
| 7 | XRD, WAXS, FTIR, and XANES studies of silica-zirconia systems. Ceramics International, 2019, 45, 15660-15670. | 2.3 | 35 |
| 8 | Diffusion and Phase Formation at Matrix-Filler Interfaces in Alâ€Mgâ€Si Composites Prepared by Powder Metallurgy. Physics of Metals and Metallography, 2019, 120, 1392-1397. | 0.3 | 1 |
| 9 | The Crystallization Process of Zr-Based Metallic Glass by the Influence of Heating Rate and Alloy Composition. Journal of Physics: Conference Series, 2019, 1373, 012027. | 0.3 | 0 |
| 10 | Synthesis of high-purity zircon, zirconia, and silica nanopowders from local zircon sand. Ceramics International, 2019, 45, 6639-6647. | 2.3 | 40 |
| 11 | Synthesis and characterization of silica sand-derived nano-forsterite ceramics. Ceramics International, 2018, 44, 5543-5549. | 2.3 | 23 |
| 12 | The effect of CO ₂ gas flow rate on precipitated CaCO ₃ formed at room temperature. AIP Conference Proceedings, 2018, , . | 0.3 | 2 |
| 13 | Synthesis of PANi-SiO ₂ Nanocomposite with In-Situ Polymerization Method: Nanoparticle Silica (NPS) Amorphous and Crystalline Phase. Journal of Physics: Conference Series, 2018, 997, 012052. | 0.3 | 5 |
| 14 | Phase analysis of ZrO ₂ -SiO ₂ systems synthesized through Ball milling mechanical activations. AIP Conference Proceedings, 2017, , . | 0.3 | 3 |
| 15 | Nano-coating of Aluminum Surface Using Fe ₃ O ₄ -based Magnetic Fluids. Journal of Superconductivity and Novel Magnetism, 2017, 30, 555-560. | 0.8 | 7 |
| 16 | Natural Silica Sand/Alumina Ceramic Composites: Promising Candidates for Fuel-Cell Sealants. IOP Conference Series: Materials Science and Engineering, 2017, 202, 012060. | 0.3 | 5 |
| 17 | Synthesis of Nano SiO ₂ Powders from Lusi with Continuous Method. Advanced Science Letters, 2017, 23, 12002-12006. | 0.2 | 1 |
| 18 | Synthesis of nano-sized ZnO particles by co-precipitation method with variation of heating time. AIP Conference Proceedings, 2016, , . | 0.3 | 11 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Synthesis of nano-forsterite powder by making use of natural silica sand. AIP Conference Proceedings, 2016, , . | 0.3 | 1 |
| 20 | Synthesis of microforsterite using derived-amorphous-silica of silica sands. AIP Conference Proceedings, 2016, , . | 0.3 | 3 |
| 21 | Small-Angle X-Ray Scattering Study on PVA/Fe ₃ O ₄ Magnetic Hydrogels. Nano, 2016, 11, 1650027. | 0.5 | 27 |
| 22 | Enhancing the Value of Local Silica Sand from Bancar as a Fuel-Cell Sealing Material. Advanced Materials Research, 2015, 1112, 262-265. | 0.3 | 2 |
| 23 | Synthesis of SiO ₂ nanopowders containing quartz and cristobalite phases from silica sands. Materials Science-Poland, 2015, 33, 47-55. | 0.4 | 66 |
| 24 | Thermal expansion coefficient prediction of fuel-cell seal materials from silica sand. , 2013, , . | | 8 |
| 25 | Synthesis of silica nanopowder produced from Indonesian natural sand via alkalifussion route. AIP Conference Proceedings, 2013, , . | 0.3 | 22 |
| 26 | Magneto-elasticity in hydrogels containing Fe ₃ O ₄ nanoparticles and their potential applications. AIP Conference Proceedings, 2013, , . | 0.3 | 20 |
| 27 | Analysis of CaCO ₃ products from lime solution. AIP Conference Proceedings, 2013, , . | 0.3 | 9 |
| 28 | Preparing Fe ₃ O ₄ Nanoparticles from Fe ²⁺ Ions Source by Co-precipitation Process in Various pH. AIP Conference Proceedings, 2011, , . | 0.3 | 20 |
| 29 | Epoxy Resin Matrix Nanocomposites with Core-Shell Structure of NiZnFerrite•Ag and NiZnFerrite•PANI as Fillers for Microwave Absorber in Ka-band. AIP Conference Proceedings, 2011, , . | 0.3 | 3 |
| 30 | Magnetic Properties of Ni _{0.5} Zn _{0.5} Fe ₂ O ₄ •Ag Core-Shell Nanostructures. , 2010, , . | | 0 |
| 31 | XRD line-broadening characteristics of M-oxides (M=Mg, Mg-Al, Y, Fe) nanoparticles produced by coprecipitation method. AIP Conference Proceedings, 2010, , . | 0.3 | 20 |
| 32 | Size and Correlation Analysis of Fe ₃ O ₄ Nanoparticles in Magnetic Fluids by Small-Angle Neutron Scattering. AIP Conference Proceedings, 2008, , . | 0.3 | 0 |
| 33 | Environmental properties of Zr-based metallic glasses and nanocrystalline alloys. Scripta Materialia, 2001, 44, 1649-1654. | 2.6 | 48 |
| 34 | Hydrogenation and Oxidation of Zr-Based Metallic Glasses, Quasicrystalline or Nanocrystalline Alloys. Materials Science Forum, 2000, 343-346, 203-212. | 0.3 | 15 |
| 35 | Oxidation of Zr-based metallic glasses in air. Journal of Non-Crystalline Solids, 1999, 250-252, 719-723. | 1.5 | 36 |
| 36 | Use of Natural Silica Sand as a Component for Prospective Fuel Cell Sealing Materials. Advanced Materials Research, 0, 1123, 383-386. | 0.3 | 2 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Various Magnetic Properties of Magnetite Nanoparticles Synthesized from Iron-Sands by Coprecipitation Method at Room Temperature. Materials Science Forum, 0, 827, 229-234. | 0.3 | 35 |
| 38 | Spinel-Structured Nanoparticles for Magnetic and Mechanical Applications. , 0, , . | | 3 |