

# Raymond V Rivera Virtudazo

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

414  
citations

1040056

9  
h-index

1058476

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

730  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Multiscale Assembly of Superinsulating Silica Aerogels Within Silylated Nanocellulosic Scaffolds: Improved Mechanical Properties Promoted by Nanoscale Chemical Compatibilization. <i>Advanced Functional Materials</i> , 2015, 25, 2326-2334.         | 14.9 | 229       |
| 2  | Improvement in the thermoelectric properties of porous networked Al-doped ZnO nanostructured materials synthesized via an alternative interfacial reaction and low-pressure SPS processing. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 4118-4132. | 6.0  | 46        |
| 3  | Development of new templating approach for hollow nanoparticles and their applications. <i>Advanced Powder Technology</i> , 2014, 25, 91-100.  | 4.1  | 22        |
| 4  | An alternative, faster and simpler method for the formation of hierarchically porous ZnO particles and their thermoelectric performance. <i>RSC Advances</i> , 2017, 7, 31960-31968.   | 3.6  | 22        |
| 5  | Fabrication of calcined hierarchical porous hollow silicate micro-size spheres via double emulsion process. <i>Materials Letters</i> , 2011, 65, 3112-3115.  | 2.6  | 15        |
| 6  | Facile preparation in synthesizing nano-size hollow silicate particles by encapsulating colloidal-hydroxyapatite nanoparticles. <i>Journal of Materials Chemistry</i> , 2011, 21, 18205.   | 6.7  | 14        |
| 7  | Fabrication of unique hollow silicate nanoparticles with hierarchically micro/mesoporous shell structure by a simple double template approach. <i>Nanotechnology</i> , 2012, 23, 485608.   | 2.6  | 14        |
| 8  | Synthesis and characterization of geometrically tunable nano-size hollow silicate particles and their dip-coating prepared films for thermal management applications. <i>RSC Advances</i> , 2015, 5, 104408-104416.                                    | 3.6  | 12        |
| 9  | Thermoelectric Properties of Variants of Cu <sub>4</sub> Mn <sub>2</sub> Te <sub>4</sub> with Spinel-Related Structure. <i>Inorganic Chemistry</i> , 2018, 57, 5258-5266.  | 4.0  | 12        |
| 10 | Simple preparation and initial characterization of semi-amorphous hollow calcium silicate hydrate nanoparticles by ammonia-hydrothermal-template techniques. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.                                    | 1.9  | 8         |
| 11 | Facile ambient temperature synthesis and characterization of a stable nano-sized hollow silica particles using soluble-poly(methacrylic acid) sodium salt templating. <i>Materials Letters</i> , 2014, 126, 92-96.                                     | 2.6  | 7         |
| 12 | Characterization on the precipitate sample of cetyltrimethylammonium bromide adsorbed onto nanocube CaCO <sub>3</sub> particles from aqueous-ammonia-rich solution. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.                             | 1.9  | 4         |
| 13 | Development of Ceramic Tiles from Philippine Nickel Laterite Mine Waste by Ceramic Casting Method. <i>Minerals (Basel, Switzerland)</i> , 2022, 12, 579.   | 2.0  | 4         |