

# Raymond V Rivera Virtudazo

## List of Publications by Year in descending order

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13  
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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.	7.8	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.	3.0	46
3	Development of new templating approach for hollow nanoparticles and their applications. <i>Advanced Powder Technology</i> , 2014, 25, 91-100.	2.0	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.	1.7	22
5	Fabrication of calcined hierarchical porous hollow silicate micro-size spheres via double emulsion process. <i>Materials Letters</i> , 2011, 65, 3112-3115.	1.3	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.	1.3	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.	1.7	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.	1.9	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.	0.8	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.	1.3	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.	0.8	4
13	Development of Ceramic Tiles from Philippine Nickel Laterite Mine Waste by Ceramic Casting Method. <i>Minerals (Basel, Switzerland)</i> , 2022, 12, 579.	0.8	4