

Vijayaraghavan Thiruvankatam

List of Publications by Year in descending order

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17
papers

416
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933447

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590
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#	ARTICLE	IF	CITATIONS
1	Visible light active LaFeO ₃ nano perovskite-RGO-NiO composite for efficient H ₂ evolution by photocatalytic water splitting and textile dye degradation. Journal of Environmental Chemical Engineering, 2021, 9, 104675.	6.7	44
2	Investigation on temperature-dependent electrical properties of La _{1-x} A _x CoO ₃ (A = La, Li, Mg, Ca, Sr, Ba). CrystEngComm, 2020, 22, 85-94.	2.6	9
3	Facile large scale synthesis of CuCr ₂ O ₄ /CuO nanocomposite using MOF route for photocatalytic degradation of methylene blue and tetracycline under visible light. Applied Organometallic Chemistry, 2020, 34, e5365.	3.5	28
4	Synthesis and electrical properties of La _{0.8} Ca _{0.2} Ti _{0.8} Sc _{0.2} O ₃ perovskite for energy applications. Nanomaterials and Energy, 2020, 9, 227-233.	0.2	1
5	Influence of secondary oxide phases in enhancing the photocatalytic properties of alkaline earth elements doped LaFeO ₃ nanocomposites. Journal of Physics and Chemistry of Solids, 2020, 140, 109377.	4.0	30
6	3D-porous electrocatalytic foam based on Pt@N-doped graphene for high performance and durable polymer electrolyte membrane fuel cells. Sustainable Energy and Fuels, 2019, 3, 996-1011.	4.9	33
7	Synthesis of yttrium doped BiOF/RGO composite for visible light: Photocatalytic applications. Materials Science for Energy Technologies, 2019, 2, 112-116.	1.8	22
8	A co-catalyst free, eco-friendly, novel visible light absorbing iron based complex oxide nanocomposites for enhanced photocatalytic hydrogen evolution. International Journal of Hydrogen Energy, 2018, 43, 14417-14426.	7.1	8
9	Solid state synthesis and analyses of Sr ₄ (Sr ₂ Ta ₂)O ₁₁ complex perovskite with reduced heat treatment steps. Materials Characterization, 2017, 128, 142-147.	4.4	2
10	Solid-state synthesis and electrical conductivity properties of Ba ₃ SrTa ₂ O ₉ complex perovskite. Materials Characterization, 2017, 133, 17-24.	4.4	7
11	A Facile Synthesis of LaFeO ₃ -Based Perovskites and Their Application towards Sensing of Neurotransmitters. ChemistrySelect, 2017, 2, 5570-5577.	1.5	39
12	Structural and conductivity properties of K doped Ba ₄ Ca ₂ Nb ₂ O ₁₁ (BCN) complex perovskite for energy applications. Journal of Alloys and Compounds, 2016, 686, 930-937.	5.5	8
13	Rapid and efficient visible light photocatalytic dye degradation using AFe ₂ O ₄ (A = Ba, Ca and Sr) complex oxides. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2016, 210, 43-50.	3.5	60
14	Cation doped hydroxyapatite nanoparticles enhance strontium adsorption from aqueous system: A comparative study with and without calcination. Applied Clay Science, 2016, 134, 136-144.	5.2	25
15	Synthesis of photocatalytic La(1-x)A _x TiO _{3.5} (A=Ba, Sr, Ca) nano perovskites and their application for photocatalytic oxidation of congo red dye in aqueous solution. Journal of Rare Earths, 2015, 33, 160-167.	4.8	46
16	Synthesis and total conductivity studies in BaSnO ₃ . Materials Letters, 2014, 125, 187-190.	2.6	10
17	Adsorption of fluoride from aqueous solution using different phases of microbially synthesized TiO ₂ nanoparticles. Journal of Environmental Chemical Engineering, 2014, 2, 444-454.	6.7	44