Vijayaraghavan Thiruvenkatam

List of Publications by Year
in descending order

17	416	933447 10	888059 17
papers	citations	h-index	g-index

17	17	17	590
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid and efficient visible light photocatalytic dye degradation using AFe2O4 (Aâ€‰=â€‰Ba, Ca and Sr) complex oxides. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2016, 210, 43-50.	3.5	60
2	Synthesis of photocatalytic La(1â€“x)AxTiO3.5â€“Î´ (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
3	Adsorption of fluoride from aqueous solution using different phases of microbially synthesized TiO2 nanoparticles. Journal of Environmental Chemical Engineering, 2014, 2, 444-454.	6.7	44
4	Visible light active LaFeO3 nano perovskite-RGO-NiO composite for efficient H2 evolution by photocatalytic water splitting and textile dye degradation. Journal of Environmental Chemical Engineering, 2021, 9, 104675.	6.7	44
5	A Facile Synthesis of LaFeO₃â€Based Perovskites and Their Application towards Sensing of Neurotransmitters. ChemistrySelect, 2017, 2, 5570-5577.	1.5	39
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	Influence of secondary oxide phases in enhancing the photocatalytic properties of alkaline earth elements doped LaFeO3 nanocomposites. Journal of Physics and Chemistry of Solids, 2020, 140, 109377.	4.0	30
8	Facile large scale synthesis of CuCr₂O₄/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
9	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
10	Synthesis of yttrium doped BiOF/RGO composite for visible light: Photocatalytic applications. Materials Science for Energy Technologies, 2019, 2, 112-116.	1.8	22
11	Synthesis and total conductivity studies in BaSnO3. Materials Letters, 2014, 125, 187-190.	2.6	10
12	Investigation on temperature-dependent electrical properties of La_{1â^'x}A_xCoO₃ (A â€“ La, Li, Mg, Ca, Sr, Ba). CrystEngComm, 2020, 22, 85-94.	2.6	9
13	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
14	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
15	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
16	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
17	Synthesis and electrical properties of La0.8Ca0.2Ti0.8Sc0.2O3â^'Î´ perovskite for energy applications. Nanomaterials and Energy, 2020, 9, 227-233.	0.2	1