

# Lorette Sicard

## List of Publications by Year in descending order

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18  
papers

633  
citations

933447

10  
h-index

839539

18  
g-index

18  
all docs

18  
docs citations

18  
times ranked

831  
citing authors

#	ARTICLE	IF	CITATIONS
1	The polyol process: a unique method for easy access to metal nanoparticles with tailored sizes, shapes and compositions. <i>Chemical Society Reviews</i> , 2018, 47, 5187-5233.	38.1	390
2	Structure and magnetocaloric properties of $\text{La}_{0.8}\text{Ag}_{0.2}\text{KxMnO}_3$ perovskite manganites. <i>Materials Chemistry and Physics</i> , 2012, 132, 839-845.	4.0	41
3	Effect of synthesis method on structural, magnetic and magnetocaloric properties of $\text{La}_{0.7}\text{Sr}_{0.2}\text{Ag}_{0.1}\text{MnO}_3$ manganite. <i>Materials Chemistry and Physics</i> , 2014, 145, 56-59.	4.0	27
4	One-Pot Seed-Mediated Growth of Co Nanoparticles by the Polyol Process: Unraveling the Heterogeneous Nucleation. <i>Nano Letters</i> , 2019, 19, 9160-9169.	9.1	25
5	Preparation of nanostructured $\text{La}_{0.7}\text{Ca}_{0.3}\text{BaxMnO}_3$ ceramics by a combined sol-gel and spark plasma sintering route and resulting magnetocaloric properties. <i>Journal of Magnetism and Magnetic Materials</i> , 2015, 381, 215-219.	2.3	22
6	Magnetic and magnetocaloric properties of $\text{La}_{0.85}(\text{Na}_{1-x}\text{Kx})_{0.15}\text{MnO}_3$ ceramics produced by reactive spark plasma sintering. <i>Journal of Applied Physics</i> , 2014, 115, 17A917.	2.5	21
7	Unsupported shaped cobalt nanoparticles as efficient and recyclable catalysts for the solvent-free acceptorless dehydrogenation of alcohols. <i>Catalysis Science and Technology</i> , 2018, 8, 562-572.	4.1	20
8	Effect of sodium substitution on the physical properties of sol-gel made $\text{La}_{0.65}\text{Ca}_{0.35}\text{MnO}_3$ ceramics. <i>Materials Chemistry and Physics</i> , 2014, 148, 751-758.	4.0	16
9	Importance of the decoration in shaped cobalt nanoparticles in the acceptor-less secondary alcohol dehydrogenation. <i>Catalysis Science and Technology</i> , 2020, 10, 4923-4937.	4.1	14
10	Importance of the synthesis and sintering methods on the properties of manganite ceramics: The example of $\text{La}_{0.7}\text{Ca}_{0.3}\text{MnO}_3$ . <i>Journal of Alloys and Compounds</i> , 2018, 759, 52-59.	5.5	13
11	Magnetocaloric properties of $\text{La}_{0.67}\text{Ca}_{0.33}\text{MnO}_3$ produced by reactive spark plasma sintering and by conventional ceramic route. <i>Materials Research Express</i> , 2014, 1, 046105.	1.6	11
12	Rapid synthesis of $\text{La}_{0.85}\text{Na}_{0.15}\text{MnO}_3$ by spark plasma sintering: Magnetic behavior and magnetocaloric properties. <i>Materials Chemistry and Physics</i> , 2013, 139, 629-633.	4.0	8
13	Magnetocaloric nanostructured $\text{La}_{0.7}\text{Ca}_{0.3}\text{BaxMnO}_3$ ( $x \leq 0.3$ ) ceramics produced by combining polyol process and Spark Plasma Sintering. <i>Journal of Alloys and Compounds</i> , 2017, 691, 474-481.	5.5	7
14	Effect of Air Annealing on the Structural and Magnetic Properties of $\text{LaMnO}_3$ Perovskite Produced by Reactive Spark Plasma Sintering Route. <i>Journal of Superconductivity and Novel Magnetism</i> , 2013, 26, 1467-1471.	1.8	6
15	Soft chemistry synthesis route toward $\text{Bi}_2\text{Te}_3$ hierarchical hollow spheres. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	1.9	5
16	$\text{Co-Ru}$ Nanoalloy Catalysts for the Acceptorless Dehydrogenation of Alcohols. <i>ACS Applied Nano Materials</i> , 2022, 5, 5733-5744.	5.0	3
17	A combined sol-gel and spark plasma sintering route to produce highly dense and fine-grained $\text{La}_{0.65}\text{Ca}_{0.20}\text{Na}_{0.15}\text{MnO}_3$ ceramics for magnetocaloric applications. <i>Materials Research Express</i> , 2014, 1, 015703.	1.6	2
18	Inorganic nanotubes with permanent wall polarization as dual photo-reactors for wastewater treatment with simultaneous fuel production. <i>Environmental Science: Nano</i> , 2021, 8, 2523-2541.	4.3	2