

# RSingh

## List of Publications by Year in descending order

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Version: 2024-02-01

59  
papers

358  
citations

840776

11  
h-index

888059

17  
g-index

60  
all docs

60  
docs citations

60  
times ranked

339  
citing authors

#	ARTICLE	IF	CITATIONS
1	Simple synthesis of ZnO 3D-hierarchical nanostructures by microfluidics process. Journal of Materials Science: Materials in Electronics, 2022, 33, 14837-14846.	2.2	1
2	Magneto-viscosity of stable colloidal solutions of Barium-strontium hexaferrite ferrofluid. Materials Research Express, 2019, 6, 084012.	1.6	2
3	Effect of hydrothermal annealing on structure and magnetic properties of RF sputtered Mn-Zn Ferrite thin films. Materials Research Express, 2019, 6, 114001.	1.6	3
4	Magneto-viscosity of platelet shaped Ba-Sr ferrite nanoparticles based ferrofluid in different colloids. AIP Conference Proceedings, 2019, , .	0.4	0
5	FMR and Magnetic Studies of RF-Sputtered Mn-Zn Ferrite Thin Films. Journal of Superconductivity and Novel Magnetism, 2019, 32, 2679-2686.	1.8	4
6	Effect of Mn Substitution on Structure and Magnetic Properties of Cobalt Ferrite Nanoparticles. Integrated Ferroelectrics, 2019, 203, 91-96.	0.7	3
7	Structure and magnetic properties of Mn-Fe co-doped ZnO thin films deposited by RF-magnetron sputtering. AIP Conference Proceedings, 2018, , .	0.4	1
8	Magnetic and Transport Properties of $\text{Bi}_{0.5-x}\text{Pr}_x\text{Ca}_{0.5}\text{MnO}_3$ (0.0 $\leq x \leq$ 0.50) Manganites. Journal of Superconductivity and Novel Magnetism, 2018, 31, 1403-1409.	1.8	2
9	Studies on the Composite System of Bi-2212 Glass Ceramic and MgB <sub>2</sub> Superconductors. Journal of Superconductivity and Novel Magnetism, 2018, 31, 2313-2320.	1.8	0
10	EFFECT OF POWER AND HYDROTHERMAL HEAT TREATMENT ON RF SPUTTERED COPPER OXIDE THIN FILMS. Surface Review and Letters, 2018, 25, 1950029.	1.1	1
11	Synthesis of ferrimagnetic/ferroelectric composite and its magnetic and electrical characterization. Integrated Ferroelectrics, 2018, 193, 31-35.	0.7	1
12	Study of magnetic and electrical properties of $\text{Zn}_{0.9}\text{Mn}_{0.1}\text{Fe}_2\text{O}_4\text{-BaTiO}_3$ multiferroic composites.., 2018, , .		0
13	Effect of sintering on structure and magnetic properties of Mn-doped Zn ferrite. AIP Conference Proceedings, 2018, , .	0.4	5
14	Effect of RF Power on Structural, Magnetic, and Optical Properties of CoFe <sub>2</sub> O <sub>4</sub> Thin Films. Journal of Superconductivity and Novel Magnetism, 2018, 31, 4029-4037.	1.8	8
15	Magneto-viscosity of hydrothermal synthesized Cu-Zn ferrite ferrofluids. AIP Advances, 2017, 7, .	1.3	3
16	Multiferroic properties of ferromagnetic and ferroelectric coupled Mn-Zn ferrite-BaTiO <sub>3</sub> composite. Ferroelectrics, 2017, 516, 82-89.	0.6	2
17	Structure and Magnetic Properties of Hydrothermal-Treated Cu <sup>2+</sup> Zn Ferrite/CuO Multilayers. Journal of Superconductivity and Novel Magnetism, 2017, 30, 2615-2620.	1.8	1
18	Spatial Variation of Mechanical Properties of ZnO Thin Films RF-Sputtered in Various Gas Environment. International Journal of Nanoscience, 2017, 16, 1650036.	0.7	1

#	ARTICLE	IF	CITATIONS
19	Effect of mixed gas environment on structure and optical properties of Co-doped ZnO RF- sputtered thin films. AIP Conference Proceedings, 2017, , .	0.4	1
20	Effect of hydrothermal heat treatment on magnetic properties of copper zinc ferrite rf sputtered films. AIP Advances, 2016, 6, .	1.3	5
21	Effect of Zn-doping on structural and magnetic properties of copper ferrite nanoparticles. AIP Conference Proceedings, 2016, , .	0.4	3
22	Magnetoviscosity of Paraffin-Based Barium Ferrite Ferrofluid. IEEE Transactions on Magnetics, 2016, 52, 1-4.	2.1	9
23	Electron spin resonance and magnetization studies of Bi rich La-manganites. , 2015, , .		0
24	Study of magneto-viscosity of ferromagnetic MnZn-ferrite ferrofluid. , 2015, , .		0
25	Electron Spin Resonance and Magnetization Studies of Bi-Rich La-Manganites. IEEE Transactions on Magnetics, 2015, 51, 1-4.	2.1	0
26	Structural, Transport, and Magnetic Properties of Bismuth Oxysulfide Superconductors. Journal of Superconductivity and Novel Magnetism, 2015, 28, 1461-1469.	1.8	1
27	Synthesis and magneto-viscosity of Mn-ferrite ferrofluid. , 2015, , .		0
28	Study of Magnetoviscosity of Ferromagnetic MnZn-Ferrite Ferrofluid. IEEE Transactions on Magnetics, 2015, 51, 1-4.	2.1	14
29	Structure and Properties of Ca-doped Bismuth Oxysulfide Superconductor. Journal of Superconductivity and Novel Magnetism, 2015, 28, 3255-3265.	1.8	0
30	Effect of Pr doping on the properties of $\text{Bi}_{0.5-x}\text{Pr}_x\text{Ca}_{0.5}\text{MnO}_3$ ( $0 \leq x \leq 0.50$ ) manganites. Ceramics International, 2015, 41, 4759-4767.	4.8	6
31	Impedance due to grains in nano-crystalline Mn-Zn ferrite. , 2014, , .		0
32	Structure and mechanical properties of 3dTM ion doped RF sputtered ZnO thin films on Si (100). , 2014, , .		0
33	Effect of grain size on charge and magnetic ordering in $\text{Bi}_{0.67}\text{Ca}_{0.33}\text{MnO}_3$ . , 2014, , .		0
34	Crystal Structure and Magnetic Properties of Mn-Doped Zn-Ferrite Nanoparticles. IEEE Transactions on Magnetics, 2014, 50, 1-4.	2.1	11
35	Electron spin resonance and magnetization studies of $\text{Bi}_{1-x}\text{Ca}_x\text{MnO}_3$ . Physica B: Condensed Matter, 2014, 448, 273-276.	2.7	10
36	Magnetic properties of $\text{Zn}_{1-x}\text{TeO}_2\text{Fe}_2\text{O}_3$ glasses. Physica B: Condensed Matter, 2014, 448, 29-32.	2.7	5

#	ARTICLE	IF	CITATIONS
37	Effect of thickness on structural, optical and mechanical properties of Mn doped ZnO nanocrystalline thin films RF sputtered in nitrogen gas environment. Superlattices and Microstructures, 2014, 72, 164-171.	3.1	14
38	Electron spin resonance and magnetization studies of ZnO-TeO <sub>2</sub> -Fe <sub>2</sub> O <sub>3</sub> glasses. Journal of Physics and Chemistry of Solids, 2013, 74, 338-343.	4.0	21
39	Effect of low oxygen pressure on structural and magnetic properties of quenched SrFe <sub>12</sub> O <sub>19</sub> thin films. Materials Science-Poland, 2013, 31, 581-586.	1.0	1
40	Structural refinement analysis of bulk Zn-ferrite obtained from sintering of its nanoparticles. , 2013, , .		3
41	Crystal structure and magnetic properties of Zn <sub>[sub 0.9]</sub> Cu <sub>[sub 0.1]</sub> O <sub>[sub y]</sub> rf-sputtered thin films. , 2013, , .		0
42	Electron Spin Resonance Studies of Bi <sub>[sub 1 - {m x}]</sub> Ca <sub>[sub m x]</sub> MnO <sub>[sub 3]</sub> (X $\geq$ 0.65). IEEE Transactions on Magnetics, 2012, 48, 4562-4565.	2.1	9
43	Electron spin resonance and magnetization studies of sol-gel synthesized Bi <sub>0.4</sub> Ca <sub>0.6</sub> MnO <sub>3</sub> . , 2012, , .		0
44	Effect of spacer layer thickness on optical properties of [SnO <sub>2</sub> /Mn] <sub>n</sub> and [SnO <sub>2</sub> /Co] <sub>n</sub> discontinuous multilayers. Materials Letters, 2012, 71, 157-159.	2.6	2
45	Electron spin resonance and resistivity studies of charge-ordered Bi(1-x)SrxMnO <sub>3</sub> . Journal of Alloys and Compounds, 2011, 509, 5127-5136.	5.5	15
46	Optical band gap tuning of discontinuous [SnO <sub>2</sub> /Mn] <sub>n</sub> multilayers. Journal of Alloys and Compounds, 2011, 509, 9318-9321.	5.5	0
47			

#	ARTICLE	IF	CITATIONS
55	Crystallization and resistivity studies on Bi <sub>4</sub> Sr <sub>3</sub> Ca <sub>3</sub> Cu <sub>y</sub> O <sub>x</sub> glasses. Physica C: Superconductivity and Its Applications, 1995, 247, 221-230.	1.2	3
56	Structural and superconducting properties of Bi <sub>2</sub> Sr <sub>2</sub> Ca <sub>1-x</sub> Ce <sub>x</sub> Cu <sub>2</sub> O <sub>y</sub> . Solid State Communications, 1995, 94, 969-972.	1.9	9
57	STRUCTURAL AND SUPERCONDUCTING PROPERTIES OF Bi <sub>4</sub> Sr <sub>3</sub> Ca <sub>3</sub> Cu <sub>y</sub> O <sub>w</sub> AND Bi <sub>4</sub> Sr <sub>3</sub> Ca <sub>3</sub> Cu <sub>4-x</sub> M <sub>x</sub> O <sub>z</sub> (M=Fe, Y) T <sub>c</sub> T <sub>1</sub> T <sub>2</sub> T <sub>3</sub> T <sub>4</sub> T <sub>5</sub> T <sub>6</sub> T <sub>7</sub> T <sub>8</sub> T <sub>9</sub> T <sub>10</sub> T <sub>11</sub> T <sub>12</sub> T <sub>13</sub> T <sub>14</sub> T <sub>15</sub> T <sub>16</sub> T <sub>17</sub> T <sub>18</sub> T <sub>19</sub> T <sub>20</sub> T <sub>21</sub> T <sub>22</sub> T <sub>23</sub> T <sub>24</sub> T <sub>25</sub> T <sub>26</sub> T <sub>27</sub> T <sub>28</sub> T <sub>29</sub> T <sub>30</sub> T <sub>31</sub> T <sub>32</sub> T <sub>33</sub> T <sub>34</sub> T <sub>35</sub> T <sub>36</sub> T <sub>37</sub> T <sub>38</sub> T <sub>39</sub> T <sub>40</sub> T <sub>41</sub> T <sub>42</sub> T <sub>43</sub> T <sub>44</sub> T <sub>45</sub> T <sub>46</sub> T <sub>47</sub> T 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