

# Narendra Kumar Singh

## List of Publications by Year in descending order

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23  
papers

546  
citations

840776

11  
h-index

677142

22  
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all docs

23  
docs citations

23  
times ranked

596  
citing authors

#	ARTICLE	IF	CITATIONS
1	Birnessite-clay mineral couple in the rock varnish: a nature's electrocatalyst. Sustainable Energy and Fuels, 2022, 6, 2553-2569.	4.9	8
2	Silver nanoparticles fabricated by tannic acid for their antimicrobial and anticancerous activity. Inorganic Chemistry Communication, 2022, 141, 109532.	3.9	16
3	Fabrication of $\text{Fe}_2\text{O}_3$ Nanostructures: Synthesis, Characterization, and Their Promising Application in the Treatment of Carcinoma A549 Lung Cancer Cells. ACS Omega, 2022, 7, 21882-21890.	3.5	5
4	Clay minerals identification in rock varnish by XRD: A one-step reduction approach. MethodsX, 2021, 8, 101511.	1.6	4
5	Growth Kinetic Study of Tannic Acid Mediated Monodispersed Silver Nanoparticles Synthesized by Chemical Reduction Method and Its Characterization. ACS Omega, 2021, 6, 22344-22356.	3.5	29
6	Strontium Substituted $\text{SmNiO}_3$ : Novel Electrode Materials for Alkaline Water Electrolysis. Journal of New Materials for Electrochemical Systems, 2021, 24, 201-207.	0.6	1
7	Oxygen evolution electrocatalytic properties of perovskite-type oxides obtained by PVP sol-gel route: Part II. The effect of partial substitution of Sm for Sr in $\text{La}_{0.4}\text{Sr}_{0.6}\text{CoO}_3$ . International Journal of Electrochemical Science, 2020, , 7001-7012.	1.3	3
8	Low Temperature Synthesis of spinel-type $\text{Co}_x\text{Fe}_{3-x}\text{O}_4$ ( $0 \leq x \leq 1.5$ ) Oxide and its Application for Oxygen Evolution Electrocatalysis in Alkaline Solution. International Journal of Electrochemical Science, 2020, 15, 6605-6619.	1.3	5
9	Low Temperature Synthesis and Characterization of $\text{Ni}_x\text{Fe}_{3-x}\text{O}_4$ ( $0 \leq x \leq 1.5$ ) Electrodes for Oxygen Evolution Reaction in Alkaline Medium. Journal of New Materials for Electrochemical Systems, 2020, 23, 78-86.	0.6	3
10	Egg-White Mediated Sol-Gel Synthesis of Cobalt Ferrites and Their Electrocatalytic Activity Towards Alkaline Water Electrolysis. Journal of New Materials for Electrochemical Systems, 2020, 23, 87-93.	0.6	3
11	Oxygen evolution electrocatalytic properties of perovskite-type $\text{La}_{1-x}\text{Sr}_x\text{CoO}_3$ ( $0 \leq x \leq 0.8$ ) oxides obtained by polyvinylpyrrolidone sol-gel route. International Journal of Electrochemical Science, 2019, , 11379-11390.	1.3	4
12	Electrocatalytic Properties of $\text{La}_{1-x}\text{Cu}_x\text{CoO}_3$ ( $0 \leq x \leq 0.8$ ) Film Electrodes Prepared by Malic Acid Sol-Gel Method at pH = 3.75. International Journal of Electrochemical Science, 2017, , 7128-7141.	1.3	8
13	Synthesis and Electrocatalytic Properties of $\text{La}_{1-x}\text{Sr}_x\text{CoO}_3$ ( $0 \leq x \leq 0.8$ ) Film Electrodes for Oxygen Evolution in Alkaline Solutions. International Journal of Electrochemical Science, 2016, , 8633-8645.	1.3	4
14	Electrocatalytic Properties of Egg-white Sol-gel Derived $\text{Mn}_x\text{Fe}_{3-x}\text{O}_4$ ( $0 \leq x \leq 1.5$ ) for Alkaline Water Electrolysis. Journal of New Materials for Electrochemical Systems, 2016, 19, 209-215.	0.6	4
15	Synthesis, structure, catalytic and calculated non-linear optical properties of cis- and trans-mer-chlorobis(triphenyl phosphine/triphenyl arsine)-dipicolinato ruthenium(III) complexes. Journal of Molecular Structure, 2011, 994, 29-38.	3.6	13
16	Effect of partial substitution of Cr on electrocatalytic properties of $\text{CoFe}_2\text{O}_4$ towards $\text{O}_2$ -evolution in alkaline medium. International Journal of Hydrogen Energy, 2006, 31, 701-707.	7.1	34
17	Sol-gel-derived spinel $\text{Co}_3\text{O}_4$ films and oxygen evolution: Part II. Optimization of preparation conditions and influence of the nature of the metal salt precursor. International Journal of Hydrogen Energy, 2002, 27, 895-903.	7.1	33
18	Electrocatalytic properties of perovskite-type $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ obtained by a novel sol-gel route for $\text{O}_2$ evolution in KOH solutions. International Journal of Hydrogen Energy, 2002, 27, 885-893.	7.1	14

#	ARTICLE	IF	CITATIONS
19	Electrocatalytic properties of new active ternary ferrite film anodes for O <sub>2</sub> evolution in alkaline medium. <i>Electrochimica Acta</i> , 2002, 47, 3873-3879.	5.2	80
20	Sol-gel derived spinel M <sub>x</sub> Co <sub>3-x</sub> O <sub>4</sub> (M=Ni, Cu; 0 ≤ x ≤ 1) films and oxygen evolution. <i>Electrochimica Acta</i> , 2000, 45, 1911-1919.	5.2	140
21	Electrocatalytic activity of metal-substituted Fe <sub>3</sub> O <sub>4</sub> obtained at low temperature for O <sub>2</sub> evolution. <i>International Journal of Hydrogen Energy</i> , 1999, 24, 433-439.	7.1	44
22	Electrocatalytic activity of high specific surface area perovskite-type LaNiO <sub>3</sub> via sol-gel route for electrolytic oxygen evolution in alkaline solution. <i>International Journal of Hydrogen Energy</i> , 1997, 22, 557-562.	7.1	35
23	Electrocatalytic properties of spinel-type Mn <sub>x</sub> Fe <sub>3-x</sub> O <sub>4</sub> synthesized below 100 °C for oxygen evolution in KOH solutions. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1996, 92, 2397-2400.	1.7	56