

# Harinder Singh

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

440  
citations

933264

10  
h-index

752573

20  
g-index

26  
all docs

26  
docs citations

26  
times ranked

412  
citing authors

#	ARTICLE	IF	CITATIONS
1	Review on magnetic nanoferrites and their composites as alternatives in waste water treatment: synthesis, modifications and applications. <i>Environmental Science: Water Research and Technology</i> , 2020, 6, 491-514.	1.2	55
2	Surface modified spinel cobalt ferrite nanoparticles for cationic dye removal: Kinetics and thermodynamics studies. <i>Journal of Water Process Engineering</i> , 2016, 11, 152-161.	2.6	54
3	Composition, valorization and therapeutical potential of molasses: a critical review. <i>Environmental Technology Reviews</i> , 2021, 10, 131-142.	2.1	43
4	Magnetic Zinc Ferrite-Chitosan Bio-Composite: Synthesis, Characterization and Adsorption Behavior Studies for Cationic Dyes in Single and Binary Systems. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2018, 28, 880-898.	1.9	41
5	Removal of lead and copper metal ions in single and binary systems using biopolymer modified spinel ferrite. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 6194-6206.	3.3	37
6	Robust and Versatile Cu(I) metal frameworks as potential catalysts for azide-alkyne cycloaddition reactions: Review. <i>Molecular Catalysis</i> , 2021, 504, 111432.	1.0	27
7	Magnetic Zinc Ferrite-Alginate Biopolymer Composite: As an Alternative Adsorbent for the Removal of Dyes in Single and Ternary Dye System. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2018, 28, 1688-1705.	1.9	24
8	Surface Modification of Spinel Ferrite with Biopolymer for Adsorption of Cationic and Anionic Dyes in Single and Ternary Dye System. <i>Fibers and Polymers</i> , 2019, 20, 739-751.	1.1	21
9	Removal of methylene blue dye using activated carbon prepared from biowaste precursor. <i>Indian Chemical Engineer</i> , 0, , 1-12.	0.9	19
10	Removal of methylene blue using lemon grass ash as an adsorbent. <i>Carbon Letters</i> , 2014, 15, 105-112.	3.3	18
11	Adsorption of Dyes from Aqueous Solution by Cow Dung Ash. <i>Carbon Letters</i> , 2008, 9, 1-7.	3.3	16
12	Adsorption of nickel from aqueous solutions using low cost biowaste adsorbents. <i>Water Quality Research Journal of Canada</i> , 2011, 46, 239-249.	1.2	14
13	Biopolymer modified transition metal spinel ferrites for removal of fluoride ions from water. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2019, 12, 100237.	1.7	12
14	Comparison of Hexavalent Chromium Adsorption from Aqueous Solutions by Various Biowastes and Granulated Activated Carbon. <i>Indian Chemical Engineer</i> , 2014, 56, 12-28.	0.9	11
15	Insulin Therapy for Diabetes Epidemic: A Patent Review. <i>Current Drug Delivery</i> , 2018, 15, 777-794.	0.8	10
16	Synthesis of Spinel ZnFe <sub>2</sub> O <sub>4</sub> Modified with SDS via Low Temperature Combustion Method and Adsorption Behaviour of Crystal Violet Dye. <i>Asian Journal of Chemistry</i> , 2017, 29, 2057-2064.	0.1	9
17	Microstructural and magnetic properties of Zn substituted nickel ferrite synthesised by facile solution combustion method. <i>Micro and Nano Letters</i> , 2019, 14, 727-731.	0.6	9
18	Click generated o-Cresolphthalein linked 1,2,3-triazole derivative for selective Pb(II) ion recognition. <i>Journal of Molecular Structure</i> , 2022, 1251, 131985.	1.8	6

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19	Thermodynamic studies of bronchospasm drug (Asthalin-4) in water and in binary aqueous mixtures of ethanol:solvent and temperature effect. Indian Chemical Engineer, 2021, 63, 267-277.	0.9	3
20	Synthesis of CTAB modified ferrite composite for the efficient removal of brilliant green dye. International Journal of Environmental Analytical Chemistry, 0, , 1-17.	1.8	3
21	Chemical oxygen demand and biochemical oxygen demand. , 2021, , 69-83.		2
22	Predicting ESR Peaks in Copper (II) Chelates Having Quadrapolar Coordinating Sites by NMR, ESR and NQR Techniques: A DFT Study. Oriental Journal of Chemistry, 2015, 31, 671-679.	0.1	2
23	Removal of Dyes by Biosorption on Biomass Ash. Carbon Letters, 2007, 8, 1-5.	3.3	1
24	Predicting ESR Peaks in Titanium (III), Vanadium (IV) and Copper (II) Complexes of Halo Ligands by NMR, ESR and NQR Techniques: A DFT Study. Oriental Journal of Chemistry, 2015, 31, 1461-1468.	0.1	1
25	Functionally Modified Ionic Liquids as Green Solvents for Extraction and Removal of Toxic Metal Ions from Contaminated Water. , 2022, , 343-352.		1