

Sushil Kansal

List of Publications by Year in descending order

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Version: 2024-02-01

120
papers

6,566
citations

50170

46
h-index

66788

78
g-index

121
all docs

121
docs citations

121
times ranked

7373
citing authors

#	ARTICLE	IF	CITATIONS
1	Construction of multifunctional NH ₂ -UiO-66 metal organic framework: sensing and photocatalytic degradation of ketorolac tromethamine and tetracycline in aqueous medium. <i>Environmental Science and Pollution Research</i> , 2023, 30, 8464-8484.	2.7	16
2	Recent progress in red phosphorus-based photocatalysts for photocatalytic water remediation and hydrogen production. <i>Applied Materials Today</i> , 2022, 26, 101345.	2.3	10
3	A Facile Method for Detection and Speciation of Inorganic Selenium with Ion Chromatography. <i>Chromatographia</i> , 2022, 85, 213-218.	0.7	4
4	Development of magnesium oxide@carbon fiber paper composite film for the removal of methyl orange from aqueous phase. <i>Nanotechnology for Environmental Engineering</i> , 2022, 7, 49-56.	2.0	2
5	Impact of oxygen vacancies in Ni supported mixed oxide catalysts on anisole hydrodeoxygenation. <i>Catalysis Communications</i> , 2022, 164, 106436.	1.6	12
6	The role of particulate matter in reduced visibility and anionic composition of winter fog: a case study for Amritsar city. <i>RSC Advances</i> , 2022, 12, 11104-11112.	1.7	3
7	Dual Fluorometric Detection of Fe ³⁺ and Hg ²⁺ Ions in an Aqueous Medium Using Carbon Quantum Dots as a "Turn-off" Fluorescence Sensor. <i>Journal of Fluorescence</i> , 2022, 32, 1143-1154.	1.3	14
8	In situ synthesis, characterization of Z-scheme g-C ₃ N ₄ /Bi ₂ O ₃ as photocatalyst for degradation of azo dye, Amido black-10B under solar irradiation. <i>Ceramics International</i> , 2022, 48, 29445-29459.	2.3	9
9	Adsorptive removal of 2,4-dinitrophenol from aqueous phase using amine functionalized metal organic framework (NH ₂ -MIL-101(Cr)). <i>Materials Chemistry and Physics</i> , 2022, 289, 126493.	2.0	9
10	Synergistic Action of Alkalis Improve the Quality Hemicellulose Extraction from Sugarcane Bagasse for the Production of Xylooligosaccharides. <i>Waste and Biomass Valorization</i> , 2021, 12, 3147-3159.	1.8	13
11	Magnetically Recyclable Photocatalysts for Degradation of Organic Pollutants in Aquatic Environment. , 2021, , 365-382.		0
12	Nanostructured Photocatalysts for Degradation of Environmental Pollutants. , 2021, , 823-863.		0
13	rGO-Bi ₂ MoO ₆ heterostructure: synthesis, characterization and utilization as a visible light active photocatalyst for the degradation of tetracycline. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 9822-9840.	1.1	1
14	Alumina-Supported Alkali and Alkaline Earth Metal-Based Catalyst for Selective Decarboxylation of Itaconic Acid to Methacrylic Acid. <i>ChemistrySelect</i> , 2021, 6, 3352-3359.	0.7	5
15	Cu-BTC metal organic framework (MOF) derived Cu-doped TiO ₂ nanoparticles and their use as visible light active photocatalyst for the decomposition of ofloxacin (OFX) antibiotic and antibacterial activity. <i>Advanced Powder Technology</i> , 2021, 32, 1350-1361.	2.0	39
16	Adsorptive removal of antibiotic ofloxacin in aqueous phase using rGO-MoS ₂ heterostructure. <i>Journal of Hazardous Materials</i> , 2021, 417, 125982.	6.5	42
17	Bi ₂ WO ₆ /NH ₂ -MIL-88B(Fe) heterostructure: An efficient sunlight driven photocatalyst for the degradation of antibiotic tetracycline in aqueous medium. <i>Advanced Powder Technology</i> , 2021, 32, 4788-4804.	2.0	30
18	Highly photoluminescent and pH sensitive nitrogen doped carbon dots (NCDs) as a fluorescent sensor for the efficient detection of Cr (VI) ions in aqueous media. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 227, 117572.	2.0	50

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19	Removal of fluoroquinolone drug, levofloxacin, from aqueous phase over iron based MOFs, MIL-100(Fe). Journal of Solid State Chemistry, 2020, 281, 121029.	1.4	117
20	Amine-functionalized titanium metal-organic framework (NH ₂ -MIL-125(Ti)): A novel fluorescent sensor for the highly selective sensing of copper ions. Materials Chemistry and Physics, 2020, 254, 123539.	2.0	56
21	Untangling the active sites in the exposed crystal facet of zirconium oxide for selective hydrogenation of bioaldehydes. Catalysis Science and Technology, 2020, 10, 7016-7026.	2.1	17
22	Dataset on aqueous solid-liquid extraction of gossypol from defatted cottonseed in acidic medium using green solvent, its kinetics and thermodynamics study and mass transfer effects. Data in Brief, 2020, 31, 105620.	0.5	2
23	Extraction of Natural Pigment Gossypol from Defatted Cottonseed Using 2-Propanol-Water Green Solvent, Its Kinetics and Thermodynamic Study. Arabian Journal for Science and Engineering, 2020, 45, 7539-7550.	1.7	2
24	Bi ₂ WO ₆ /C-Dots/TiO ₂ : A Novel Z-Scheme Photocatalyst for the Degradation of Fluoroquinolone Levofloxacin from Aqueous Medium. Nanomaterials, 2020, 10, 910.	1.9	75
25	Hydrothermal synthesis of rGO-Bi ₂ WO ₆ heterostructure for the photocatalytic degradation of levofloxacin. Optical Materials, 2020, 107, 110126.	1.7	49
26	Î ² -AgVO ₃ nanowires/TiO ₂ nanoparticles heterojunction assembly with improved visible light driven photocatalytic decomposition of hazardous pollutants and mechanism insight. Separation and Purification Technology, 2020, 251, 117271.	3.9	13
27	Sustainable production of sorbitolâ€”a potential hexitol. , 2020, , 259-281.		2
28	Efficient Conversion of Glucose into Fructose via Extraction-Assisted Isomerization Catalyzed by Endogenous Polyamine Spermine in the Aqueous Phase. ACS Omega, 2020, 5, 2406-2418.	1.6	21
29	Fabrication of novel carbon quantum dots modified bismuth oxide (Î±-Bi ₂ O ₃ /C-dots): Material properties and catalytic applications. Journal of Colloid and Interface Science, 2019, 533, 227-237.	5.0	88
30	Metal organic framework (MOF) porous octahedral nanocrystals of Cu-BTC: Synthesis, properties and enhanced adsorption properties. Materials Research Bulletin, 2019, 109, 124-133.	2.7	176
31	The Emerging Trends in Functional and Medicinal Beverage Research and Its Health Implication. , 2019, , 41-71.		6
32	CdS-Decorated MIL-53(Fe) Microrods with Enhanced Visible Light Photocatalytic Performance for the Degradation of Ketorolac Tromethamine and Mechanism Insight. Journal of Physical Chemistry C, 2019, 123, 16857-16867.	1.5	75
33	Enhanced solar light-mediated photocatalytic degradation of brilliant green dye in aqueous phase using BiPO ₄ nanospindles and MoS ₂ /BiPO ₄ nanorods. Journal of Materials Science: Materials in Electronics, 2019, 30, 20741-20750.	1.1	17
34	Solar light active silver/iron oxide/zinc oxide heterostructure for photodegradation of ciprofloxacin, transformation products and antibacterial activity. Journal of Colloid and Interface Science, 2019, 557, 236-253.	5.0	60
35	Batch extraction of gossypol from cottonseed meal using mixed solvent system and its kinetic modeling. Chemical Engineering Communications, 2019, 206, 1608-1617.	1.5	6
36	Novel 3-D flower like Bi ₃ O ₄ Cl/BiOCl p-n heterojunction nanocomposite for the degradation of levofloxacin drug in aqueous phase. Chemical Engineering Research and Design, 2019, 128, 342-352.	2.7	47

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37	Mechanochemical Synthesis of a New Triptycene-Based Imine-Linked Covalent Organic Polymer for Degradation of Organic Dye. <i>Crystal Growth and Design</i> , 2019, 19, 2525-2530.	1.4	46
38	Reduced graphene oxide-CdS heterostructure: An efficient fluorescent probe for the sensing of Ag(I) and sunset yellow and a visible-light responsive photocatalyst for the degradation of levofloxacin drug in aqueous phase. <i>Applied Catalysis B: Environmental</i> , 2019, 245, 143-158.	10.8	83
39	BiF ₃ octahedrons: A potential natural solar light active photocatalyst for the degradation of Rhodamine B dye in aqueous phase. <i>Materials Research Bulletin</i> , 2019, 112, 376-383.	2.7	25
40	Photoluminescent C-dots: An overview on the recent development in the synthesis, physiochemical properties and potential applications. <i>Journal of Alloys and Compounds</i> , 2018, 748, 818-853.	2.8	77
41	Visible-light driven photocatalytic degradation of brilliant green dye based on cobalt tungstate (CoWO ₄) nanoparticles. <i>Materials Chemistry and Physics</i> , 2018, 211, 335-342.	2.0	88
42	Facile synthesis of CdS/TiO ₂ nanocomposite and their catalytic activity for ofloxacin degradation under visible illumination. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 360, 34-43.	2.0	93
43	Extraction of arabinoxylan from corncob through modified alkaline method to improve xylooligosaccharides synthesis. <i>Bioresource Technology Reports</i> , 2018, 3, 51-58.	1.5	14
44	Improved levulinic acid production from agri-residue biomass in biphasic solvent system through synergistic catalytic effect of acid and products. <i>Bioresource Technology</i> , 2018, 251, 143-150.	4.8	41
45	Solar light driven photocatalytic degradation of levofloxacin using TiO ₂ /carbon-dot nanocomposites. <i>New Journal of Chemistry</i> , 2018, 42, 7445-7456.	1.4	87
46	Assessment of hydrothermally modified fly ash for the treatment of methylene blue dye in the textile industry wastewater. <i>Environment, Development and Sustainability</i> , 2018, 20, 625-639.	2.7	33
47	Visible light driven photocatalytic degradation of ofloxacin and malachite green dye using cadmium sulphide nanoparticles. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 3631-3639.	3.3	42
48	A Facile synthesis of silver modified ZnO nanoplates for efficient removal of ofloxacin drug in aqueous phase under solar irradiation. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 3621-3630.	3.3	58
49	Nanocuboidal-shaped zirconium based metal organic framework for the enhanced adsorptive removal of nonsteroidal anti-inflammatory drug, ketorolac tromethamine, from aqueous phase. <i>New Journal of Chemistry</i> , 2018, 42, 1921-1930.	1.4	34
50	Solar light driven photocatalytic degradation of Ofloxacin based on ultra-thin bismuth molybdenum oxide nanosheets. <i>Materials Research Bulletin</i> , 2018, 99, 359-366.	2.7	54
51	Rapid Solar-Light Driven Superior Photocatalytic Degradation of Methylene Blue Using MoS ₂ -ZnO Heterostructure Nanorods Photocatalyst. <i>Materials</i> , 2018, 11, 2254.	1.3	74
52	Mixed surfactant (altering chain length and head group) aggregates as an effective carrier for tuberculosis drug. <i>Chemistry and Physics of Lipids</i> , 2018, 215, 11-17.	1.5	8
53	Expeditious isomerization of glucose to fructose in aqueous media over sodium titanate nanotubes. <i>RSC Advances</i> , 2018, 8, 30106-30114.	1.7	15
54	Recycling of Waste Poly(ethylene terephthalate) Bottles by Alkaline Hydrolysis and Recovery of Pure Nanospindle-Shaped Terephthalic Acid. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 5804-5809.	0.9	38

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55	Photocatalytic degradation of ketorolac tromethamine (KTC) using Ag-doped ZnO microplates. <i>Journal of Materials Science</i> , 2017, 52, 5256-5267.	1.7	17
56	Fluorescent spongy carbon nanoglobules derived from pineapple juice: A potential sensing probe for specific and selective detection of chromium (VI) ions. <i>Ceramics International</i> , 2017, 43, 7011-7019.	2.3	42
57	Nitrogen doped graphene quantum dots: Efficient fluorescent chemosensor for the selective and sensitive detection of 2,4,6-trinitrophenol. <i>Sensors and Actuators B: Chemical</i> , 2017, 245, 938-945.	4.0	79
58	A fluorescent probe based on nitrogen doped graphene quantum dots for turn off sensing of explosive and detrimental water pollutant, TNP in aqueous medium. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 180, 37-43.	2.0	63
59	Enhanced visible light driven photocatalytic application of Ag ₂ O decorated ZnO nanorods heterostructures. <i>Separation and Purification Technology</i> , 2017, 183, 341-349.	3.9	72
60	Highly fluorescent silver oxide/C-dots nanocomposite as selective and sensitive probe for highly efficient detection of Fe(III) ions. <i>Sensors and Actuators B: Chemical</i> , 2017, 243, 1148-1156.	4.0	14
61	Proton transfer assisted facile encapsulation of picric acid in sol-gel derived silica decorated with azo-azomethine hosts. <i>Dyes and Pigments</i> , 2017, 139, 635-643.	2.0	12
62	Photocatalytic degradation of levofloxacin in aqueous phase using Ag/AgBr/BiOBr microplates under visible light. <i>Materials Research Bulletin</i> , 2017, 88, 148-155.	2.7	83
63	N doped ZnO/C-dots nanoflowers as visible light driven photocatalyst for the degradation of malachite green dye in aqueous phase. <i>Journal of Alloys and Compounds</i> , 2017, 699, 323-333.	2.8	82
64	The effect of the presence of Sodium bis-(2-ethylhexyl) sulfosuccinate (AOT) on the interactions between Sodium dodecyl sulfate (SDS) and protein papain. <i>Journal of Molecular Liquids</i> , 2017, 248, 751-758.	2.3	5
65	Visible light driven photocatalytic degradation of fluoroquinolone levofloxacin drug using Ag ₂ O/TiO ₂ quantum dots: a mechanistic study and degradation pathway. <i>New Journal of Chemistry</i> , 2017, 41, 12079-12090.	1.4	60
66	Solar light driven enhanced photocatalytic degradation of brilliant green dye based on ZnS quantum dots. <i>Superlattices and Microstructures</i> , 2017, 103, 365-375.	1.4	44
67	Rapidly synthesized polyethylene glycol coated cadmium sulphide (CdS) nanoparticles as potential scaffold for highly sensitive and selective lethal cyanide ion sensor. <i>Sensors and Actuators B: Chemical</i> , 2017, 241, 276-284.	4.0	12
68	Nanosilica extraction from processed agricultural residue using green technology. <i>Journal of Cleaner Production</i> , 2017, 143, 1284-1290.	4.6	121
69	Visible-Light Photocatalytic Degradation of Organic Pollutants Using Molybdenum Disulfide (MoS ₂) Microtubes. <i>Nanoscience and Nanotechnology Letters</i> , 2017, 9, 1966-1974.	0.4	11
70	Bare and cationic surfactants capped tungsten trioxide nanoparticles based hydrazine chemical sensors: A comparative study. <i>Sensors and Actuators B: Chemical</i> , 2016, 230, 571-580.	4.0	21
71	Bi ₂ WO ₆ nanocuboids: An efficient visible light active photocatalyst for the degradation of levofloxacin drug in aqueous phase. <i>Chemical Engineering Journal</i> , 2016, 302, 194-203.	6.6	220
72	Bismuth sulfide (Bi ₂ S ₃) nanotubes decorated TiO ₂ nanoparticles heterojunction assembly for enhanced solar light driven photocatalytic activity. <i>Ceramics International</i> , 2016, 42, 17551-17557.	2.3	43

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73	Synthesis of ZnS/CQDs nanocomposite and its application as a photocatalyst for the degradation of an anionic dye, ARS. Superlattices and Microstructures, 2016, 98, 86-95.	1.4	65
74	Solar Light Induced Photocatalytic Degradation of Aspirin Using Doped TiO ₂ /TiO ₂ Nanoparticles. Journal of Nanoscience and Nanotechnology, 2016, 16, 7444-7450.	0.9	6
75	Heterogeneous photocatalytic studies of analgesic and non-steroidal anti-inflammatory drugs. Applied Catalysis A: General, 2016, 510, 134-155.	2.2	97
76	Bi ₂ O ₃ /TiO ₂ heterostructures: Synthesis, characterization and their application in solar light mediated photocatalyzed degradation of an antibiotic, ofloxacin. Chemical Engineering Journal, 2016, 290, 45-52.	6.6	144
77	Surfactant functionalized tungsten oxide nanoparticles with enhanced photocatalytic activity. Chemical Engineering Journal, 2016, 288, 423-431.	6.6	34
78	Enhanced solubilization of curcumin in mixed surfactant vesicles. Food Chemistry, 2016, 199, 660-666.	4.2	45
79	(Cationic + nonionic) mixed surfactant aggregates for solubilisation of curcumin. Journal of Chemical Thermodynamics, 2016, 93, 115-122.	1.0	32
80	Bismuth Sulphide (Bi ₂ S ₃) Nanotubes as an Efficient Photocatalyst for Methylene Blue Dye Degradation. Nanoscience and Nanotechnology Letters, 2016, 8, 266-272.	0.4	23
81	Visible Light Driven Photo-Catalytic Degradation of Fluoroquinolone Antibiotic Drug Using Bi ₂ WO ₆ Spheres Composed of Fluffy Nanosheets. Nanoscience and Nanotechnology Letters, 2016, 8, 660-666.	0.4	6
82	Degradation of Ofloxacin in Aqueous Phase Using TiO ₂ /ZnO. Nanoscience and Nanotechnology - Asia, 2016, 6, 113-118.	0.3	3
83	TiO ₂ quantum dots for the photocatalytic degradation of indigo carmine dye. Journal of Alloys and Compounds, 2015, 650, 193-198.	2.8	83
84	Visible-light-driven photocatalytic properties of self assembled cauliflower-like AgCl/ZnO hierarchical nanostructures. Journal of Molecular Catalysis A, 2015, 408, 189-201.	4.8	44
85	Highly effective Fe-doped TiO ₂ nanoparticles photocatalysts for visible-light driven photocatalytic degradation of toxic organic compounds. Journal of Colloid and Interface Science, 2015, 450, 213-223.	5.0	248
86	Sb ₂ O ₃ –ZnO nanospindles: A potential material for photocatalytic and sensing applications. Ceramics International, 2015, 41, 5429-5438.	2.3	38
87	Sunlight-driven photocatalytic degradation of non-steroidal anti-inflammatory drug based on TiO ₂ quantum dots. Journal of Colloid and Interface Science, 2015, 459, 257-263.	5.0	66
88	ZnO doped SnO ₂ nanoparticles heterojunction photo-catalyst for environmental remediation. Journal of Alloys and Compounds, 2015, 653, 327-333.	2.8	89
89	Efficient photocatalytic degradation of brilliant green using Sr-doped TiO ₂ nanoparticles. Ceramics International, 2015, 41, 3533-3540.	2.3	81
90	Bi ₂ O ₃ nanorods: An efficient sunlight active photocatalyst for degradation of Rhodamine B and 2,4,6-trichlorophenol. Ceramics International, 2015, 41, 3355-3364.	2.3	149

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91	CeO ₂ ZnO hexagonal nanodisks: Efficient material for the degradation of direct blue 15 dye and its simulated dye bath effluent under solar light. <i>Journal of Alloys and Compounds</i> , 2015, 620, 67-73.	2.8	84
92	Well-crystalline porous ZnO@SnO ₂ nanosheets: An effective visible-light driven photocatalyst and highly sensitive smart sensor material. <i>Talanta</i> , 2015, 131, 490-498.	2.9	100
93	Extraction of Gossypol from Cottonseed. <i>Reviews in Advanced Sciences and Engineering</i> , 2015, 4, 301-318.	0.6	4
94	Nano-Finishing of Materials by Powder Mixed Electric Discharge Machining (PMEDM): A Review. <i>Science of Advanced Materials</i> , 2015, 7, 2234-2255.	0.1	9
95	Removal of Ofloxacin from Aqueous Phase Using Ni-Doped TiO ₂ Nanoparticles Under Solar Irradiation. <i>Journal of Nanoscience and Nanotechnology</i> , 2014, 14, 6991-6995.	0.9	22
96	Development of molecularly imprinted microspheres for the fast uptake of 4-cumylphenol from water and soil samples. <i>Journal of Separation Science</i> , 2014, 37, 3330-3338.	1.3	10
97	Photocatalytic degradation of the antibiotic levofloxacin using highly crystalline TiO ₂ nanoparticles. <i>New Journal of Chemistry</i> , 2014, 38, 3220-3226.	1.4	93
98	Potential of <i>M. oleifera</i> for the Treatment of Water and Wastewater. <i>Chemical Reviews</i> , 2014, 114, 4993-5010.	23.0	123
99	The visible light-driven photocatalytic degradation of Alizarin red S using Bi-doped TiO ₂ nanoparticles. <i>New Journal of Chemistry</i> , 2014, 38, 3127-3136.	1.4	107
100	Metal Assisted Approach to Develop Molecularly Imprinted Mesoporous Material Exhibiting Pockets for the Fast Uptake of Diethyl Phthalate as Copper Complex. <i>Analytical Sciences</i> , 2014, 30, 601-607.	0.8	5
101	Photocatalytic degradation of Alizarin Red S using simply synthesized ZnO nanoparticles. <i>Materials Letters</i> , 2013, 106, 385-389.	1.3	93
102	Highly-sensitive and selective detection of hydrazine at gold electrode modified with PEG-coated CdS nanoparticles. <i>Sensors and Actuators B: Chemical</i> , 2013, 188, 372-377.	4.0	39
103	Photocatalytic degradation of Eriochrome Black T dye using well-crystalline anatase TiO ₂ nanoparticles. <i>Journal of Alloys and Compounds</i> , 2013, 581, 392-397.	2.8	123
104	Synthesis and Characterization of Titania Nanoparticles for the Photocatalytic Degradation of 2-Chlorophenol. <i>Energy and Environment Focus</i> , 2013, 2, 163-167.	0.3	4
105	Preparation, Characterization and Photocatalytic Activity of ZnO and Mn Doped ZnO Nanoparticles. <i>Energy and Environment Focus</i> , 2013, 2, 203-207.	0.3	4
106	Facile Growth and Characterization of TiO ₂ Nanoparticles for Photocatalytic Degradation of 2,3-Dichlorophenol: Experimental Optimization and Comparison with Commercial TiO ₂ . <i>Journal of Nanoscience and Nanotechnology</i> , 2013, 13, 4172-4177.	0.9	6
107	Preparation, Characterization and Photocatalytic Activity of Nanosized ZnO for the Degradation of Rhodamine B Dye and Simulated Dye bath Effluent. <i>Science of Advanced Materials</i> , 2013, 5, 630-636.	0.1	16
108	Optimization of Process Parameters for Photocatalytic Degradation of 4-Chlorophenol in Aqueous Solutions. <i>Advanced Science Letters</i> , 2012, 16, 20-26.	0.2	1

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109	Studies on the photocatalytic decolorization of pararosaniline chloride dye and its simulated dyebath effluent. <i>Desalination and Water Treatment</i> , 2011, 25, 268-275.	1.0	24
110	Synthesis of flower like zinc oxide nanostructure and its application as a photocatalyst. <i>Separation and Purification Technology</i> , 2011, 80, 125-130.	3.9	40
111	Photocatalytic decolorization of biebrich scarlet dye in aqueous phase using different nanophotocatalysts. <i>Desalination</i> , 2010, 259, 147-155.	4.0	107
112	Optimization of Process Parameters for the Photocatalytic Degradation of 2,4-Dichlorophenol in Aqueous Solutions. <i>International Journal of Chemical Reactor Engineering</i> , 2009, 7, .	0.6	1
113	Preparation, characterization and photocatalytic activity of flowerlike cadmium sulfide nanostructure. <i>Separation and Purification Technology</i> , 2009, 68, 61-64.	3.9	38
114	Studies on the photocatalytic degradation of 2,3-dichlorophenol using different oxidants in aqueous solutions. <i>Reaction Kinetics and Catalysis Letters</i> , 2009, 98, 177-186.	0.6	30
115	Photocatalytic Degradation of Two Commercial Reactive Dyes in Aqueous Phase Using Nanophotocatalysts. <i>Nanoscale Research Letters</i> , 2009, 4, 709-16.	3.1	181
116	Studies on transformation of titanate nanotubes into nanoribbons. <i>Materials Letters</i> , 2009, 63, 2615-2618.	1.3	5
117	Studies on TiO ₂ /ZnO photocatalysed degradation of lignin. <i>Journal of Hazardous Materials</i> , 2008, 153, 412-417.	6.5	223
118	Effluent quality at kraft/soda agro-based paper mills and its treatment using a heterogeneous photocatalytic system. <i>Desalination</i> , 2008, 228, 183-190.	4.0	50
119	OPTIMIZATION OF PHOTOCATALYTIC PROCESS PARAMETERS FOR THE DEGRADATION OF 2,4,6-TRICHLOROPHENOL IN AQUEOUS SOLUTIONS. <i>Chemical Engineering Communications</i> , 2007, 194, 787-802.	1.5	26
120	Studies on photodegradation of two commercial dyes in aqueous phase using different photocatalysts. <i>Journal of Hazardous Materials</i> , 2007, 141, 581-590.	6.5	744