

# 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	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
2	Highly effective Fe-doped TiO <sub>2</sub> nanoparticles photocatalysts for visible-light driven photocatalytic degradation of toxic organic compounds. <i>Journal of Colloid and Interface Science</i> , 2015, 450, 213-223.	5.0	248
3	Studies on TiO <sub>2</sub> /ZnO photocatalysed degradation of lignin. <i>Journal of Hazardous Materials</i> , 2008, 153, 412-417.	6.5	223
4	Bi <sub>2</sub> WO <sub>6</sub> 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
5	Photocatalytic Degradation of Two Commercial Reactive Dyes in Aqueous Phase Using Nanophotocatalysts. <i>Nanoscale Research Letters</i> , 2009, 4, 709-16.	3.1	181
6	Metal organic framework (MOF) porous octahedral nanocrystals of Cu-BTC: Synthesis, properties and enhanced adsorption properties. <i>Materials Research Bulletin</i> , 2019, 109, 124-133.	2.7	176
7	Bi <sub>2</sub> O <sub>3</sub> nanorods: An efficient sunlight active photocatalyst for degradation of Rhodamine B and 2,4,6-trichlorophenol. <i>Ceramics International</i> , 2015, 41, 3355-3364.	2.3	149
8	Bi <sub>2</sub> O <sub>3</sub> /TiO <sub>2</sub> heterostructures: Synthesis, characterization and their application in solar light mediated photocatalyzed degradation of an antibiotic, ofloxacin. <i>Chemical Engineering Journal</i> , 2016, 290, 45-52.	6.6	144
9	Photocatalytic degradation of Eriochrome Black T dye using well-crystalline anatase TiO <sub>2</sub> nanoparticles. <i>Journal of Alloys and Compounds</i> , 2013, 581, 392-397.	2.8	123
10	Potential of <i>M. oleifera</i> for the Treatment of Water and Wastewater. <i>Chemical Reviews</i> , 2014, 114, 4993-5010.	23.0	123
11	Nanosilica extraction from processed agricultural residue using green technology. <i>Journal of Cleaner Production</i> , 2017, 143, 1284-1290.	4.6	121
12	Removal of fluoroquinolone drug, levofloxacin, from aqueous phase over iron based MOFs, MIL-100(Fe). <i>Journal of Solid State Chemistry</i> , 2020, 281, 121029.	1.4	117
13	Photocatalytic decolorization of bieberich scarlet dye in aqueous phase using different nanophotocatalysts. <i>Desalination</i> , 2010, 259, 147-155.	4.0	107
14	The visible light-driven photocatalytic degradation of Alizarin red S using Bi-doped TiO <sub>2</sub> nanoparticles. <i>New Journal of Chemistry</i> , 2014, 38, 3127-3136.	1.4	107
15	Well-crystalline porous ZnO-SnO <sub>2</sub> nanosheets: An effective visible-light driven photocatalyst and highly sensitive smart sensor material. <i>Talanta</i> , 2015, 131, 490-498.	2.9	100
16	Heterogeneous photocatalytic studies of analgesic and non-steroidal anti-inflammatory drugs. <i>Applied Catalysis A: General</i> , 2016, 510, 134-155.	2.2	97
17	Photocatalytic degradation of Alizarin Red S using simply synthesized ZnO nanoparticles. <i>Materials Letters</i> , 2013, 106, 385-389.	1.3	93
18	Photocatalytic degradation of the antibiotic levofloxacin using highly crystalline TiO <sub>2</sub> nanoparticles. <i>New Journal of Chemistry</i> , 2014, 38, 3220-3226.	1.4	93

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19	Facile synthesis of CdS/TiO <sub>2</sub> 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
20	ZnO doped SnO <sub>2</sub> nanoparticles heterojunction photo-catalyst for environmental remediation. <i>Journal of Alloys and Compounds</i> , 2015, 653, 327-333.	2.8	89
21	Visible-light driven photocatalytic degradation of brilliant green dye based on cobalt tungstate (CoWO <sub>4</sub> ) nanoparticles. <i>Materials Chemistry and Physics</i> , 2018, 211, 335-342.	2.0	88
22	Fabrication of novel carbon quantum dots modified bismuth oxide (Bi <sub>2</sub> O <sub>3</sub> /C-dots): Material properties and catalytic applications. <i>Journal of Colloid and Interface Science</i> , 2019, 533, 227-237.	5.0	88
23	Solar light driven photocatalytic degradation of levofloxacin using TiO <sub>2</sub> /carbon-dot nanocomposites. <i>New Journal of Chemistry</i> , 2018, 42, 7445-7456.	1.4	87
24	CeO <sub>2</sub> 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
25	TiO <sub>2</sub> quantum dots for the photocatalytic degradation of indigo carmine dye. <i>Journal of Alloys and Compounds</i> , 2015, 650, 193-198.	2.8	83
26	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
27	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
28	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
29	Efficient photocatalytic degradation of brilliant green using Sr-doped TiO <sub>2</sub> nanoparticles. <i>Ceramics International</i> , 2015, 41, 3533-3540.	2.3	81
30	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
31	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
32	CdS-Decorated MIL-53(Fe) Microrods with Enhanced Visible Light Photocatalytic Performance for the Degradation of Ketorolac Tromethamine and Mechanism Insight. <i>Journal of Physical Chemistry C</i> , 2019, 123, 16857-16867.	1.5	75
33	Bi <sub>2</sub> WO <sub>6</sub> /C-Dots/TiO <sub>2</sub> : A Novel Z-Scheme Photocatalyst for the Degradation of Fluoroquinolone Levofloxacin from Aqueous Medium. <i>Nanomaterials</i> , 2020, 10, 910.	1.9	75
34	Rapid Solar-Light Driven Superior Photocatalytic Degradation of Methylene Blue Using MoS <sub>2</sub> -ZnO Heterostructure Nanorods Photocatalyst. <i>Materials</i> , 2018, 11, 2254.	1.3	74
35	Enhanced visible light driven photocatalytic application of Ag <sub>2</sub> O decorated ZnO nanorods heterostructures. <i>Separation and Purification Technology</i> , 2017, 183, 341-349.	3.9	72
36	Sunlight-driven photocatalytic degradation of non-steroidal anti-inflammatory drug based on TiO <sub>2</sub> quantum dots. <i>Journal of Colloid and Interface Science</i> , 2015, 459, 257-263.	5.0	66

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37	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
38	A fluorescent probe based on nitrogen doped graphene quantum dots for turn off sensing of explosive and detrimental water pollutant, TNP in aqueous medium. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 180, 37-43.	2.0	63
39	Visible light driven photocatalytic degradation of fluoroquinolone levofloxacin drug using Ag <sub>2</sub> O/TiO <sub>2</sub> quantum dots: a mechanistic study and degradation pathway. New Journal of Chemistry, 2017, 41, 12079-12090.	1.4	60
40	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
41	A Facile synthesis of silver modified ZnO nanoplates for efficient removal of ofloxacin drug in aqueous phase under solar irradiation. Journal of Environmental Chemical Engineering, 2018, 6, 3621-3630.	3.3	58
42	Amine-functionalized titanium metal-organic framework (NH <sub>2</sub> -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
43	Solar light driven photocatalytic degradation of Ofloxacin based on ultra-thin bismuth molybdenum oxide nanosheets. Materials Research Bulletin, 2018, 99, 359-366.	2.7	54
44	Effluent quality at kraft/soda agro-based paper mills and its treatment using a heterogeneous photocatalytic system. Desalination, 2008, 228, 183-190.	4.0	50
45	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. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 227, 117572.	2.0	50
46	Hydrothermal synthesis of rGO-Bi <sub>2</sub> WO <sub>6</sub> heterostructure for the photocatalytic degradation of levofloxacin. Optical Materials, 2020, 107, 110126.	1.7	49
47	Novel 3-D flower like Bi <sub>3</sub> O <sub>4</sub> 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
48	Mechanochemical Synthesis of a New Triptycene-Based Imine-Linked Covalent Organic Polymer for Degradation of Organic Dye. Crystal Growth and Design, 2019, 19, 2525-2530.	1.4	46
49	Enhanced solubilization of curcumin in mixed surfactant vesicles. Food Chemistry, 2016, 199, 660-666.	4.2	45
50	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
51	Solar light driven enhanced photocatalytic degradation of brilliant green dye based on ZnS quantum dots. Superlattices and Microstructures, 2017, 103, 365-375.	1.4	44
52	Bismuth sulfide (Bi <sub>2</sub> S <sub>3</sub> ) nanotubes decorated TiO <sub>2</sub> nanoparticles heterojunction assembly for enhanced solar light driven photocatalytic activity. Ceramics International, 2016, 42, 17551-17557.	2.3	43
53	Fluorescent spongy carbon nanoglobules derived from pineapple juice: A potential sensing probe for specific and selective detection of chromium (VI) ions. Ceramics International, 2017, 43, 7011-7019.	2.3	42
54	Visible light driven photocatalytic degradation of ofloxacin and malachite green dye using cadmium sulphide nanoparticles. Journal of Environmental Chemical Engineering, 2018, 6, 3631-3639.	3.3	42

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55	Adsorptive removal of antibiotic ofloxacin in aqueous phase using rGO-MoS <sub>2</sub> heterostructure. <i>Journal of Hazardous Materials</i> , 2021, 417, 125982.	6.5	42
56	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
57	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
58	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
59	Cu-BTC metal organic framework (MOF) derived Cu-doped TiO <sub>2</sub> 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
60	Preparation, characterization and photocatalytic activity of flowerlike cadmium sulfide nanostructure. <i>Separation and Purification Technology</i> , 2009, 68, 61-64.	3.9	38
61	Sb <sub>2</sub> O <sub>3</sub> @ZnO nanospindles: A potential material for photocatalytic and sensing applications. <i>Ceramics International</i> , 2015, 41, 5429-5438.	2.3	38
62	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
63	Surfactant functionalized tungsten oxide nanoparticles with enhanced photocatalytic activity. <i>Chemical Engineering Journal</i> , 2016, 288, 423-431.	6.6	34
64	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
65	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
66	(Cationic + nonionic) mixed surfactant aggregates for solubilisation of curcumin. <i>Journal of Chemical Thermodynamics</i> , 2016, 93, 115-122.	1.0	32
67	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
68	Bi <sub>2</sub> WO <sub>6</sub> /NH <sub>2</sub> -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
69	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
70	BiF <sub>3</sub> 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
71	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
72	Bismuth Sulphide (Bi <sub>2</sub> S <sub>3</sub> ) Nanotubes as an Efficient Photocatalyst for Methylene Blue Dye Degradation. <i>Nanoscience and Nanotechnology Letters</i> , 2016, 8, 266-272.	0.4	23

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73	Removal of Ofloxacin from Aqueous Phase Using Ni-Doped TiO <sub>2</sub> Nanoparticles Under Solar Irradiation. <i>Journal of Nanoscience and Nanotechnology</i> , 2014, 14, 6991-6995.	0.9	22
74	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
75	Efficient Conversion of Glucose into Fructose via Extraction-Assisted Isomerization Catalyzed by Endogenous Polyamine Spermine in the Aqueous Phase. <i>ACS Omega</i> , 2020, 5, 2406-2418.	1.6	21
76	Photocatalytic degradation of ketorolac tromethamine (KTC) using Ag-doped ZnO microplates. <i>Journal of Materials Science</i> , 2017, 52, 5256-5267.	1.7	17
77	Enhanced solar light-mediated photocatalytic degradation of brilliant green dye in aqueous phase using BiPO <sub>4</sub> nanospindles and MoS <sub>2</sub> /BiPO <sub>4</sub> nanorods. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 20741-20750.	1.1	17
78	Untangling the active sites in the exposed crystal facet of zirconium oxide for selective hydrogenation of bioaldehydes. <i>Catalysis Science and Technology</i> , 2020, 10, 7016-7026.	2.1	17
79	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
80	Construction of multifunctional NH <sub>2</sub> -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
81	Expeditious isomerization of glucose to fructose in aqueous media over sodium titanate nanotubes. <i>RSC Advances</i> , 2018, 8, 30106-30114.	1.7	15
82	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
83	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
84	Dual Fluorometric Detection of Fe <sup>3+</sup> and Hg <sup>2+</sup> 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
85	AgVO <sub>3</sub> nanowires/TiO <sub>2</sub> nanoparticles heterojunction assembly with improved visible light driven photocatalytic decomposition of hazardous pollutants and mechanism insight. <i>Separation and Purification Technology</i> , 2020, 251, 117271.	3.9	13
86	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
87	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
88	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
89	Impact of oxygen vacancies in Ni supported mixed oxide catalysts on anisole hydrodeoxygenation. <i>Catalysis Communications</i> , 2022, 164, 106436.	1.6	12
90	Visible-Light Photocatalytic Degradation of Organic Pollutants Using Molybdenum Disulfide (MoS <sub>2</sub> ) Microtubes. <i>Nanoscience and Nanotechnology Letters</i> , 2017, 9, 1966-1974.	0.4	11

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91	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
92	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
93	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
94	In situ synthesis, characterization of Z-scheme g-C <sub>3</sub> N <sub>4</sub> /Bi <sub>2</sub> O <sub>3</sub> as photocatalyst for degradation of azo dye, Amido black-10B under solar irradiation. <i>Ceramics International</i> , 2022, 48, 29445-29459.	2.3	9
95	Adsorptive removal of 2,4-dinitrophenol from aqueous phase using amine functionalized metal organic framework (NH <sub>2</sub> -MIL-101(Cr)). <i>Materials Chemistry and Physics</i> , 2022, 289, 126493.	2.0	9
96	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
97	Facile Growth and Characterization of TiO <sub>2</sub> Nanoparticles for Photocatalytic Degradation of 2,3-Dichlorophenol: Experimental Optimization and Comparison with Commercial TiO <sub>2</sub> . <i>Journal of Nanoscience and Nanotechnology</i> , 2013, 13, 4172-4177.	0.9	6
98	Solar Light Induced Photocatalytic Degradation of Aspirin Using Doped TiO <sub>2</sub> Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 7444-7450.	0.9	6
99	The Emerging Trends in Functional and Medicinal Beverage Research and Its Health Implication. , 2019, , 41-71.		6
100	Batch extraction of gossypol from cottonseed meal using mixed solvent system and its kinetic modeling. <i>Chemical Engineering Communications</i> , 2019, 206, 1608-1617.	1.5	6
101	Visible Light Driven Photo-Catalytic Degradation of Fluoroquinolone Antibiotic Drug Using Bi <sub>2</sub> WO <sub>6</sub> Spheres Composed of Fluffy Nanosheets. <i>Nanoscience and Nanotechnology Letters</i> , 2016, 8, 660-666.	0.4	6
102	Studies on transformation of titanate nanotubes into nanoribbons. <i>Materials Letters</i> , 2009, 63, 2615-2618.	1.3	5
103	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
104	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
105	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
106	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
107	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
108	Extraction of Gossypol from Cottonseed. <i>Reviews in Advanced Sciences and Engineering</i> , 2015, 4, 301-318.	0.6	4

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109	A Facile Method for Detection and Speciation of Inorganic Selenium with Ion Chromatography. <i>Chromatographia</i> , 2022, 85, 213-218.	0.7	4
110	Degradation of Ofloxacin in Aqueous Phase Using TiO <sub>2</sub> /ZnO. <i>Nanoscience and Nanotechnology - Asia</i> , 2016, 6, 113-118.	0.3	3
111	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
112	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. <i>Data in Brief</i> , 2020, 31, 105620.	0.5	2
113	Extraction of Natural Pigment Gossypol from Defatted Cottonseed Using 2-Propanol-Water Green Solvent, Its Kinetics and Thermodynamic Study. <i>Arabian Journal for Science and Engineering</i> , 2020, 45, 7539-7550.	1.7	2
114	Sustainable production of sorbitol—a potential hexitol. , 2020, , 259-281.		2
115	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
116	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
117	rGO-Bi <sub>2</sub> MoO <sub>6</sub> 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
118	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
119	Magnetically Recyclable Photocatalysts for Degradation of Organic Pollutants in Aquatic Environment. , 2021, , 365-382.		0
120	Nanostructured Photocatalysts for Degradation of Environmental Pollutants. , 2021, , 823-863.		0