

Robert Carleer

List of Publications by Year in descending order

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124
papers

4,048
citations

109321

35
h-index

138484

58
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all docs

125
docs citations

125
times ranked

5725
citing authors

#	ARTICLE	IF	CITATIONS
1	Ectomycorrhizal fungi decompose soil organic matter using oxidative mechanisms adapted from saprotrophic ancestors. <i>New Phytologist</i> , 2016, 209, 1705-1719.	7.3	264
2	House dust as possible route of environmental exposure to cadmium and lead in the adult general population. <i>Environmental Research</i> , 2007, 103, 30-37.	7.5	185
3	Bioaugmentation with Engineered Endophytic Bacteria Improves Contaminant Fate in Phytoremediation. <i>Environmental Science & Technology</i> , 2009, 43, 9413-9418.	10.0	148
4	Endophytic bacteria improve phytoremediation of Ni and TCE co-contamination. <i>Environmental Pollution</i> , 2010, 158, 2422-2427.	7.5	129
5	Recent Updates on the Barrier Properties of Ethylene Vinyl Alcohol Copolymer (EVOH): A Review. <i>Polymer Reviews</i> , 2018, 58, 209-246.	10.9	125
6	Short Rotation Coppice Culture of Willows and Poplars as Energy Crops on Metal Contaminated Agricultural Soils. <i>International Journal of Phytoremediation</i> , 2011, 13, 194-207.	3.1	113
7	Potential of the TCE-degrading endophyte <i>Pseudomonas putida</i> W619-TCE to improve plant growth and reduce TCE phytotoxicity and evapotranspiration in poplar cuttings. <i>Environmental Pollution</i> , 2010, 158, 2915-2919.	7.5	112
8	Differential response of <i>Arabidopsis</i> leaves and roots to cadmium: Glutathione-related chelating capacity vs antioxidant capacity. <i>Plant Physiology and Biochemistry</i> , 2014, 83, 1-9.	5.8	110
9	Cd-tolerant <i>Suillus luteus</i> : A fungal insurance for pines exposed to Cd. <i>Environmental Pollution</i> , 2009, 157, 1581-1588.	7.5	103
10	Polymers for colon specific drug delivery. <i>Journal of Controlled Release</i> , 1996, 39, 327-338.	9.9	89
11	Techno-economic assessment of fast pyrolysis for the valorization of short rotation coppice cultivated for phytoextraction. <i>Journal of Cleaner Production</i> , 2015, 88, 336-344.	9.3	85
12	Bacteria associated with oak and ash on a TCE-contaminated site: characterization of isolates with potential to avoid evapotranspiration of TCE. <i>Environmental Science and Pollution Research</i> , 2009, 16, 830-843.	5.3	84
13	In-line NIR spectroscopy for the understanding of polymer-drug interaction during pharmaceutical hot-melt extrusion. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012, 81, 230-237.	4.3	81
14	Adsorption and photocatalytic removal of Ibuprofen by activated carbon impregnated with TiO ₂ by UV-Vis monitoring. <i>Chemosphere</i> , 2019, 217, 724-731.	8.2	81
15	Adsorption of Ni(II) on spent coffee and coffee husk based activated carbon. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 1161-1170.	6.7	78
16	Evaluation of flash and slow pyrolysis applied on heavy metal contaminated <i>Sorghum bicolor</i> shoots resulting from phytoremediation. <i>Biomass and Bioenergy</i> , 2014, 63, 268-279.	5.7	77
17	Amendment-Induced Immobilization of Lead in a Lead-Spiked Soil: Evidence from Phytotoxicity Studies. <i>Water, Air, and Soil Pollution</i> , 2002, 140, 261-277.	2.4	76
18	Formulation of itraconazole nanococrystals and evaluation of their bioavailability in dogs. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 87, 107-113.	4.3	63

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19	Development and characterization of mucoadhesive chitosan films for ophthalmic delivery of cyclosporine A. <i>International Journal of Pharmaceutics</i> , 2014, 472, 10-19.	5.2	62
20	Exposure of <i>Arabidopsis thaliana</i> to excess Zn reveals a Zn-specific oxidative stress signature. <i>Environmental and Experimental Botany</i> , 2012, 84, 61-71.	4.2	58
21	Potential for plant growth promotion by a consortium of stress-tolerant 2,4-dinitrotoluene-degrading bacteria: isolation and characterization of a military soil. <i>Microbial Biotechnology</i> , 2014, 7, 294-306.	4.2	58
22	Phytoremediation of Metal Contaminated Soil Using Willow: Exploiting Plant-Associated Bacteria to Improve Biomass Production and Metal Uptake. <i>International Journal of Phytoremediation</i> , 2015, 17, 1123-1136.	3.1	55
23	Cadmium Accumulation and Tolerance of Two <i>Salix</i> Genotypes Hydroponically Grown in Presence of Cadmium. <i>Journal of Plant Nutrition</i> , 2005, 28, 2159-2177.	1.9	54
24	Exploring the rhizospheric and endophytic bacterial communities of <i>Acer pseudoplatanus</i> growing on a TNT-contaminated soil: towards the development of a rhizocompetent TNT-detoxifying plant growth promoting consortium. <i>Plant and Soil</i> , 2014, 385, 15-36.	3.7	54
25	Potential of willow and its genetically engineered associated bacteria to remediate mixed Cd and toluene contamination. <i>Journal of Soils and Sediments</i> , 2013, 13, 176-188.	3.0	52
26	Activated carbon from pyrolysis of brewer's spent grain: Production and adsorption properties. <i>Waste Management and Research</i> , 2014, 32, 634-645.	3.9	52
27	Endophytes and Their Potential to Deal with Co-Contamination of Organic Contaminants (Toluene) and Toxic Metals (Nickel) During Phytoremediation. <i>International Journal of Phytoremediation</i> , 2011, 13, 244-255.	3.1	48
28	The Potential of the Ni-Resistant TCE-Degrading <i>Pseudomonas putida</i> W619-TCE to Reduce Phytotoxicity and Improve Phytoremediation Efficiency of Poplar Cuttings on A Ni-TCE Co-Contamination. <i>International Journal of Phytoremediation</i> , 2015, 17, 40-48.	3.1	48
29	Adsorption of atrazine on hemp stem-based activated carbons with different surface chemistry. <i>Adsorption</i> , 2015, 21, 489-498.	3.0	42
30	Poly(3-hydroxybutyrate-co-3-hydroxyhexanoate)/Organomodified Montmorillonite Nanocomposites for Potential Food Packaging Applications. <i>Journal of Polymers and the Environment</i> , 2016, 24, 104-118.	5.0	40
31	Nafion-Modified MoO _x as Effective Room-Temperature Hole Injection Layer for Stable, High-Performance Inverted Organic Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 3581-3589.	8.0	38
32	Valorisation of heavy metals enriched tobacco biomass through slow pyrolysis and steam activation. <i>Journal of Chemical Technology and Biotechnology</i> , 2016, 91, 1585-1595.	3.2	38
33	Organic and inorganic sulphur compounds releases from high-pyrite coal pyrolysis in H ₂ , N ₂ and CO ₂ : Test case Chinese LZ coal. <i>Fuel</i> , 2017, 202, 494-502.	6.4	38
34	Quantitative carbon-13 solid-state n.m.r. and FT-Raman spectroscopy in novolac resins. <i>Polymer</i> , 1998, 39, 5293-5300.	3.8	37
35	Zinc export results in adaptive zinc tolerance in the ectomycorrhizal basidiomycete <i>Suillus bovinus</i> . <i>Metallomics</i> , 2013, 5, 1225.	2.4	37
36	Effect of aromatics on the adsorption of thiophenic sulfur compounds from model diesel fuel by activated carbon cloth. <i>Fuel Processing Technology</i> , 2014, 119, 278-285.	7.2	37

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37	URANIUM INDUCED EFFECTS ON DEVELOPMENT AND MINERAL NUTRITION OF <i>ARABIDOPSIS THALIANA</i> . Journal of Plant Nutrition, 2011, 34, 1940-1956.	1.9	36
38	Evaluation of the Thickness and Oxygen Transmission Rate before and after Thermoforming Mono- and Multi-layer Sheets into Trays with Variable Depth. Polymers, 2014, 6, 3019-3043.	4.5	35
39	Use of Magnetic Resonance Imaging To Study Transport of Methanol in Poly(methyl methacrylate) at Variable Temperature. Macromolecules, 1996, 29, 5671-5677.	4.8	34
40	Biodegradation of polycyclic aromatic hydrocarbons by native Ganoderma sp. strains: identification of metabolites and proposed degradation pathways. Applied Microbiology and Biotechnology, 2019, 103, 7203-7215.	3.6	33
41	Element profiles and growth in Zn-sensitive and Zn-resistant Suilloid fungi. Mycorrhiza, 2005, 15, 628-634.	2.8	32
42	Gas Permeability Properties of Poly(3-hydroxybutyrate-co-3-hydroxyhexanoate). Journal of Polymers and the Environment, 2014, 22, 501-507.	5.0	32
43	Tailoring of porous texture of hemp stem-based activated carbon produced by phosphoric acid activation in steam atmosphere. Journal of Porous Materials, 2015, 22, 283-289.	2.6	32
44	An investigation into the electronic structure of poly(isothianaphthene). Synthetic Metals, 1992, 51, 219-228.	3.9	31
45	Novel cross-linked polystyrenes with large space network as tailor-made catalyst supports for sustainable media. European Polymer Journal, 2015, 73, 391-401.	5.4	31
46	Experimental studies on a two-step fast pyrolysis-catalytic hydrotreatment process for hydrocarbons from microalgae (<i>Nannochloropsis gaditana</i> and <i>Scenedesmus almeriensis</i>). Fuel Processing Technology, 2020, 206, 106466.	7.2	31
47	The association between urinary kidney injury molecule 1 and urinary cadmium in elderly during long-term, low-dose cadmium exposure: a pilot study. Environmental Health, 2011, 10, 77.	4.0	29
48	Angular dependence of the vicinal interproton spin-spin coupling in silacyclohexanes. The conformational energy term of the methyl group in 1-methyl-1-silacyclohexane. Magnetic Resonance in Chemistry, 1979, 12, 673-678.	0.7	28
49	Incorporating Cs and Sr into blast furnace slag inorganic polymers and their effect on matrix properties. Journal of Nuclear Materials, 2018, 503, 1-12.	2.7	26
50	On the quinoid structure of poly(isothianaphthene): A vibrational spectroscopic study. Advanced Materials, 1995, 7, 1027-1030.	21.0	25
51	Synthesis and physical performance of indole and benzimidazole cyanine dyes. Journal of Materials Chemistry, 1996, 6, 559.	6.7	25
52	Description of the nanostructured morphology of [6,6]-phenyl-C ₆₁ -butyric acid methyl ester (PCBM) by XRD, DSC and solid-state NMR. Magnetic Resonance in Chemistry, 2011, 49, 242-247.	1.9	25
53	Study of the pyrolysis of sludge and sludge/disposal filter cake mix for the production of value added products. Bioresource Technology, 2013, 134, 1-9.	9.6	25
54	Characterisation of volatile organic sulphur compounds release during coal pyrolysis in inert, hydrogen and CO ₂ atmosphere. Fuel, 2016, 184, 304-313.	6.4	24

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55	Body surface area-based vs concentration-based perioperative intraperitoneal chemotherapy after optimal cytoreductive surgery in colorectal peritoneal surface malignancy treatment: COBOX trial. <i>Journal of Surgical Oncology</i> , 2019, 119, 999-1010.	1.7	23
56	Evaluation of cyclonic ash, commercial Na-silicates, lime and phosphoric acid for metal immobilisation purposes in contaminated soils in Flanders (Belgium). <i>Environmental Pollution</i> , 2006, 144, 32-39.	7.5	22
57	<i>In vivo</i> Toxicity Assessment of Silver Nanoparticles in Homeostatic versus Regenerating Planarians. <i>Nanotoxicology</i> , 2019, 13, 476-491.	3.0	21
58	Synthesis, characterization and catalytic activity of novel large network polystyrene-immobilized organic bases. <i>RSC Advances</i> , 2015, 5, 107200-107208.	3.6	20
59	Sulphur functionality study of steam pyrolyzed Mequenza lignite using reductive pyrolysis technique coupled with MS and GC/MS detection systems. <i>Fuel Processing Technology</i> , 2005, 86, 523-534.	7.2	19
60	Ectomycorrhizal Fungal Protein Degradation Ability Predicted by Soil Organic Nitrogen Availability. <i>Applied and Environmental Microbiology</i> , 2016, 82, 1391-1400.	3.1	19
61	Thermal extraction coupled with gas chromatography-mass spectrometry as a tool for analysing dioxin surrogates and precursors in fly ash. <i>Journal of Chromatography A</i> , 2008, 1210, 212-221.	3.7	18
62	A hybridization approach to efficient TiO ₂ photodegradation of aqueous benzalkonium chloride. <i>Journal of Hazardous Materials</i> , 2015, 293, 122-130.	12.4	17
63	Reductive pyrolysis of Miocene-aged lignite humic acids, Bulgaria. <i>Fuel</i> , 2016, 165, 324-330.	6.4	17
64	Body surface area-based versus concentration-based intraperitoneal perioperative chemotherapy in a rat model of colorectal peritoneal surface malignancy: pharmacologic guidance towards standardization. <i>Oncotarget</i> , 2019, 10, 1407-1424.	1.8	17
65	¹ H NMR study of some substituted acyclic silaethanes, 2-silapropanes and 2-methyl-2-silapropanes and their rotameric populations around the Si- ¹³ C bond. <i>Magnetic Resonance in Chemistry</i> , 1980, 13, 253-258.	0.7	16
66	Rapeseed and Raspberry Seed Cakes as Inexpensive Raw Materials in the Production of Activated Carbon by Physical Activation: Effect of Activation Conditions on Textural and Phenol Adsorption Characteristics. <i>Materials</i> , 2016, 9, 565.	2.9	16
67	Revealing the influence of the solvent in combination with temperature, concentration and pH on the modification of TiO ₂ with 3PA. <i>Materials Chemistry and Physics</i> , 2016, 184, 324-334.	4.0	16
68	Selective Desulfurization of Model Diesel Fuel by Carbon Nanoparticles as Adsorbent. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 14419-14427.	3.7	15
69	Physicochemical characterizations of functional hybrid liposomal nanocarriers formed using photo-sensitive lipids. <i>Scientific Reports</i> , 2017, 7, 46257.	3.3	15
70	Biochar from raw and spent common ivy: Impact of preprocessing and pyrolysis temperature on biochar properties. <i>Journal of Analytical and Applied Pyrolysis</i> , 2021, 159, 105294.	5.5	15
71	Pterosaur melanosomes support signalling functions for early feathers. <i>Nature</i> , 2022, 604, 684-688.	27.8	15
72	Structural modifications of polymethacrylates: Impact on thermal behavior and release characteristics of glassy solid solutions. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013, 85, 1206-1214.	4.3	14

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73	Effect of ultrafine talc on crystallization and end-use properties of poly(3-hydroxybutyrate-co-3-hydroxyhexanoate). <i>Journal of Applied Polymer Science</i> , 2016, 133, .	2.6	14
74	A validated inductively coupled plasma mass spectrometry (ICP-MS) method for the quantification of total platinum content in plasma, plasma ultrafiltrate, urine and peritoneal fluid. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 152, 39-46.	2.8	14
75	Adsorption of Cibacron Yellow F-4G dye onto activated carbons obtained from peanut hull and rice husk: kinetics and equilibrium studies. <i>Biomass Conversion and Biorefinery</i> , 2022, 12, 323-339.	4.6	14
76	Structure of rhodanine cyanine dyes, spectroscopy and performance in photographic emulsions. <i>Journal of Materials Chemistry</i> , 1996, 6, 1325.	6.7	13
77	Reductive pyrolysis of Miocene-aged lignite lithotypes using MS and GC/MS detection systems for analysis of organic sulphur groups. <i>Fuel</i> , 2005, 84, 71-79.	6.4	13
78	The Sycamore Maple Bacterial Culture Collection From a TNT Polluted Site Shows Novel Plant-Growth Promoting and Explosives Degrading Bacteria. <i>Frontiers in Plant Science</i> , 2018, 9, 1134.	3.6	13
79	A novel X-ray radiography approach for the characterization of granular activated carbons used in the rum production. <i>Journal of Analytical Science and Technology</i> , 2018, 9, .	2.1	13
80	Thermal decomposition synthesis of Al-doped ZnO nanoparticles: an in-depth study. <i>RSC Advances</i> , 2013, 3, 23745.	3.6	12
81	Kinetic and adsorption study of Pb (II) toward different treated activated carbons derived from olive cake wastes. <i>Desalination and Water Treatment</i> , 2016, 57, 8561-8574.	1.0	12
82	A detailed investigation of the microwave assisted phenylphosphonic acid modification of P25 TiO ₂ . <i>Advanced Powder Technology</i> , 2017, 28, 236-243.	4.1	12
83	Alkali-activated materials for radionuclide immobilisation and the effect of precursor composition on Cs/Sr retention. <i>Journal of Nuclear Materials</i> , 2018, 510, 575-584.	2.7	12
84	Fenton-Mediated Biodegradation of Chlorendic Acid – A Highly Chlorinated Organic Pollutant – By Fungi Isolated From a Polluted Site. <i>Frontiers in Microbiology</i> , 2019, 10, 1892.	3.5	12
85	Characterization of activated carbons derived from short rotation hardwood pyrolysis char. <i>Journal of Analytical and Applied Pyrolysis</i> , 2013, 101, 199-208.	5.5	10
86	PYQUAN: A rapid workflow around the AMDIS deconvolution software for high throughput analysis of pyrolysis GC/MS data. <i>Journal of Analytical and Applied Pyrolysis</i> , 2016, 118, 335-342.	5.5	10
87	Links Between Heathland Fungal Biomass Mineralization, Melanization, and Hydrophobicity. <i>Microbial Ecology</i> , 2018, 76, 762-770.	2.8	10
88	Combining Monte Carlo simulations and experimental design for incorporating risk and uncertainty in investment decisions for cleantech: a fast pyrolysis case study. <i>Clean Technologies and Environmental Policy</i> , 2018, 20, 1195-1206.	4.1	10
89	Thermogravimetric desorption and de novo tests I: Method development and validation. <i>Chemosphere</i> , 2008, 73, 113-119.	8.2	9
90	In situ monitoring the thermal degradation of PCPDTBT low band gap polymers with varying alkyl side-chain patterns. <i>Journal of Polymer Science Part A</i> , 2013, 51, 4912-4922.	2.3	9

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91	Thermal Extraction of Dioxin Surrogates and Precursors from Filter Dust: Effects of Temperature, Time, and Matrix. <i>Environmental Engineering Science</i> , 2010, 27, 657-668.	1.6	8
92	A novel acoustic approach for the characterization of granular activated carbons used in the rum production. <i>Ultrasonics</i> , 2016, 70, 53-63.	3.9	8
93	Solid-state NMR relaxometry study of phenolic resins. <i>Polymer International</i> , 2003, 52, 1647-1652.	3.1	7
94	Characterization of organic components in leachables from Bulgarian lignites by spectroscopy, chromatography and reductive pyrolysis. <i>International Journal of Coal Geology</i> , 2017, 183, 100-109.	5.0	7
95	Comparative Study between Acoustic Emission Analysis and Immersion Bubble-Metric Technique, TGA and TD-GC/MS in View of the Characterization of Granular Activated Carbons Used in Rum Production. <i>Beverages</i> , 2017, 3, 12.	2.8	7
96	X-ray absorption as an alternative method to determine the exhausting degree of activated carbon layers in water treatment system for medical services. <i>Talanta</i> , 2019, 205, 120058.	5.5	7
97	A Colorimetric Method for the Determination of the Exhaustion Level of Granular Activated Carbons Used in Rum Production. <i>Beverages</i> , 2016, 2, 24.	2.8	6
98	Determination of the nitrogen gas transmission rate (N ₂ GTR) of ethylene vinyl alcohol copolymer, using a newly developed permeation measurement system. <i>Polymer Testing</i> , 2021, 93, 106979.	4.8	6
99	Automation of Potentiometric Measurements: Determination of Water-Extractable Sodium in Bread Using a Sodium Ion Selective Electrode with Minimum Sample Preparation. <i>Journal of AOAC INTERNATIONAL</i> , 1993, 76, 1138-1142.	1.5	5
100	Fully quantitative description of hybrid TiO ₂ nanoparticles by means of solid state ³¹ P NMR. <i>Solid State Nuclear Magnetic Resonance</i> , 2016, 78, 50-55.	2.3	5
101	Ethylene Vinyl Alcohol Copolymer (EVOH) as a Functional Barrier against Surrogate Components Migrating from Paperboard. <i>Journal of Chemistry</i> , 2019, 2019, 1-7.	1.9	5
102	Fe-TiO ₂ /AC and Co-TiO ₂ /AC Composites: Novel Photocatalysts Prepared from Waste Streams for the Efficient Removal and Photocatalytic Degradation of Cibacron Yellow F-4G Dye. <i>Catalysts</i> , 2021, 11, 1137.	3.5	5
103	Photoresist Characterization and Wet Strip after Low-k Dry Etch. <i>Solid State Phenomena</i> , 2007, 134, 325-328.	0.3	4
104	A statistical data-processing methodology of Py-GC/MS data for the simulation of flash co-pyrolysis reactor experiments. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2012, 110, 123-128.	3.5	4
105	Characterization of the exhaustion profile of activated carbon in industrial rum "filters" based on TGA, TD-GC/MS, colorimetry and NMR relaxometry. <i>Materials Today Communications</i> , 2017, 11, 1-10.	1.9	4
106	Hydration and Confinement Effects on Horse Heart Myoglobin Adsorption in Mesoporous TiO ₂ . <i>Journal of Physical Chemistry C</i> , 2018, 122, 23393-23404.	3.1	4
107	Chemical preservation of tail feathers from <i>Anchiornis huxleyi</i> , a theropod dinosaur from the Tiaojishan Formation (Upper Jurassic, China). <i>Palaeontology</i> , 2020, 63, 841-863.	2.2	4
108	Improvement of a new acoustic emission analysis technique to determine the activated carbon saturation level: A comparative study. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 103794.	6.7	4

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109	Mathematical Tool Based on Breakthrough Curves to Evaluate the Economic Advantages of Chemical Regeneration of Activated Carbon in Power Plants: A Comparative Study. Applied Sciences (Switzerland), 2021, 11, 11786.	2.5	4
110	Effects of Preliminary Thermal Extraction on De Novo Synthesis. Environmental Engineering Science, 2010, 27, 669-678.	1.6	3
111	Activated Carbon by Co-pyrolysis and Steam Activation from Particle Board and Melamine Formaldehyde Resin: Production, Adsorption Properties and Techno Economic Evaluation. Journal of Sustainable Development of Energy, Water and Environment Systems, 2013, 1, 41-57.	1.9	3
112	Surface Chemistry of Oil-Filled Organic Nanoparticle Coated Papers Analyzed Using Micro-Raman Mapping. Applied Spectroscopy, 2019, 73, 000370281880486.	2.2	3
113	Monitoring the Chloride Concentration in International Scheldt River Basin District Water Using a Low-Cost Multifunction Data Acquisition Board. Water (Switzerland), 2018, 10, 1025.	2.7	3
114	Boltzmann-Based Empirical Model to Calculate Volume Loss during Spirit Ageing. Beverages, 2019, 5, 60.	2.8	3
115	A convolutional neural networks approach using X-Ray absorption images for studying granular activated carbon. SN Applied Sciences, 2020, 2, 1.	2.9	3
116	Efficiency evaluation of thermally and chemically regenerated activated carbons used in a water cleaning system by acoustic emission analysis. Journal of Porous Materials, 2021, 28, 451-469.	2.6	3
117	Methods for Studying the de novo Formation of Dioxins at a Laboratory Scale. , 2007, , 738-747.		3
118	Vibrational and structural evidence of phase transitions in some amides. Thermochemica Acta, 2003, 402, 81-90.	2.7	2
119	X-ray Absorption (XRA): A New Technique for the Characterization of Granular Activated Carbons. Materials, 2021, 14, 91.	2.9	2
120	Acoustic energy isotherms: An emergent approach for textural characterization of activated carbons. Microporous and Mesoporous Materials, 2020, 298, 110045.	4.4	1
121	Monitoring Variations in Thermal Curing of Nanoparticle Coatings through Confocal Raman Microscopy and Principal Component Analysis. Physica Status Solidi (A) Applications and Materials Science, 2020, 217, 1900651.	1.8	1
122	Infrared thermography: A new approach for the characterization and management of activated carbons applied in water treatment. Chemical Engineering Science, 2021, 246, 116881.	3.8	1
123	Evaluation of activation parameters of activated carbon from coffee and cocoa seed husk rests: carbon yields and Ni(II) adsorption. , 0, 104, 175-188.		1
124	Hybrid porous titania phosphonate networks with different bridging functionalities: Synthesis, characterization, and evaluation as efficient solvent separation materials. Microporous and Mesoporous Materials, 2022, , 112080.	4.4	0