

Anish Khan

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319
papers

4,746
citations

35
h-index

53
g-index

342
ext. papers

6,169
ext. citations

3.8
avg, IF

6.41
L-index

#	Paper	IF	Citations
319	A comprehensive review of techniques for natural fibers as reinforcement in composites: Preparation, processing and characterization. <i>Carbohydrate Polymers</i> , 2019 , 207, 108-121	10.3	316
318	Characterization of raw and alkali treated new natural cellulosic fibers from <i>Tridax procumbens</i> . <i>International Journal of Biological Macromolecules</i> , 2019 , 125, 99-108	7.9	177
317	Magnetic and electrical properties of In doped cobalt ferrite nanoparticles. <i>Journal of Applied Physics</i> , 2012 , 112, 084321	2.5	174
316	Preparation and characterization of a new organic-inorganic nano-composite poly-o-toluidine Th(IV) phosphate: Its analytical applications as cation-exchanger and in making ion-selective electrode. <i>Talanta</i> , 2007 , 72, 699-710	6.2	114
315	Characterization of raw and alkali treated new natural cellulosic fibres extracted from the aerial roots of banyan tree. <i>International Journal of Biological Macromolecules</i> , 2019 , 138, 573-581	7.9	85
314	A new study on effect of various chemical treatments on Agave Americana fiber for composite reinforcement: Physico-chemical, thermal, mechanical and morphological properties. <i>Polymer Testing</i> , 2020 , 85, 106437	4.5	83
313	Synthesis, characterization of silver nanoparticle embedded polyaniline tungstophosphate-nanocomposite cation exchanger and its application for heavy metal selective membrane. <i>Composites Part B: Engineering</i> , 2013 , 45, 1486-1492	10	75
312	Structural and optical properties of gel-combustion synthesized Zr doped ZnO nanoparticles. <i>Optical Materials</i> , 2013 , 35, 1189-1193	3.3	72
311	Characterization of new cellulosic fiber: <i>Dracaena reflexa</i> as a reinforcement for polymer composite structures. <i>Journal of Materials Research and Technology</i> , 2019 , 8, 1952-1963	5.5	69
310	Photocatalytic degradation of a widely used insecticide Thiamethoxam in aqueous suspension of TiO ₂ : adsorption, kinetics, product analysis and toxicity assessment. <i>Science of the Total Environment</i> , 2013 , 458-460, 388-98	10.2	63
309	Acetone sensor based on solvothermally prepared ZnO doped with CoO nanorods. <i>Mikrochimica Acta</i> , 2013 , 180, 675-685	5.8	60
308	Enhanced photocatalytic degradation and hydrogen production activity of in situ grown TiO ₂ coupled NiTiO ₃ nanocomposites. <i>Applied Surface Science</i> , 2018 , 449, 790-798	6.7	56
307	Characterization of a novel natural cellulosic fiber from <i>Calotropis gigantea</i> fruit bunch for ecofriendly polymer composites. <i>International Journal of Biological Macromolecules</i> , 2020 , 150, 793-801	7.9	55
306	Lead sensors development and antimicrobial activities based on graphene oxide/carbon nanotube/poly(O-toluidine) nanocomposite. <i>International Journal of Biological Macromolecules</i> , 2016 , 89, 198-205	7.9	52
305	Impact of alkali treatment on physico-chemical, thermal, structural and tensile properties of <i>Carica papaya</i> bark fibers. <i>International Journal of Polymer Analysis and Characterization</i> , 2018 , 23, 529-536	1.7	48
304	Synthesis of highly active visible-light-driven colloidal silver orthophosphate. <i>Chemical Physics Letters</i> , 2012 , 519-520, 54-58	2.5	46
303	Sensor development of 1,2 Dichlorobenzene based on polypyrrole/Cu-doped ZnO (PPY/CZO) nanocomposite embedded silver electrode and their antimicrobial studies. <i>International Journal of Biological Macromolecules</i> , 2017 , 98, 256-267	7.9	43

302	Aggregation behaviour of amphiphilic drug and bile salt mixtures at different compositions and temperatures. <i>Journal of Chemical Thermodynamics</i> , 2013 , 64, 28-39	2.9	43
301	Preparation and characterization of PANI@G/CWO nanocomposite for enhanced 2-nitrophenol sensing. <i>Applied Surface Science</i> , 2018 , 433, 696-704	6.7	41
300	Cellulose Derived Graphene/Polyaniline Nanocomposite Anode for Energy Generation and Bioremediation of Toxic Metals via Benthic Microbial Fuel Cells. <i>Polymers</i> , 2020 , 13,	4.5	41
299	Understanding the Origin of the Photocatalytic CO ₂ Reduction by Au- and Cu-Loaded TiO ₂ : A Microsecond Transient Absorption Spectroscopy Study. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 6819-6827	3.8	40
298	Characterization of Natural Cellulose Fiber from the Barks of <i>Vachellia farnesiana</i> . <i>Journal of Natural Fibers</i> , 2020 , 1-10	1.8	40
297	Morphological, chemical and thermal analysis of cellulose nanocrystals extracted from bamboo fibre. <i>International Journal of Biological Macromolecules</i> , 2020 , 160, 183-191	7.9	40
296	Polyphenylsulfone/multiwalled carbon nanotubes mixed ultrafiltration membranes: Fabrication, characterization and removal of heavy metals Pb ²⁺ , Hg ²⁺ , and Cd ²⁺ from aqueous solutions. <i>Arabian Journal of Chemistry</i> , 2020 , 13, 4661-4672	5.9	40
295	Synthesis, characterisation and ethanol sensing application of polythiophene/graphene nanocomposite. <i>Materials Chemistry and Physics</i> , 2020 , 239, 122324	4.4	40
294	Chemical sensor development based on poly(o-anisidine)silverizedMWCNT nanocomposites deposited on glassy carbon electrodes for environmental remediation. <i>RSC Advances</i> , 2015 , 5, 71370-71378	3.7	39
293	High performance polyaniline/vanadyl phosphate (PANI/V ₂ OPO ₄) nano composite sheets prepared by exfoliation/intercalation method for sensing applications. <i>European Polymer Journal</i> , 2016 , 75, 388-398	5.2	38
292	Hydrazine sensor based on silver nanoparticle-decorated polyaniline tungstophosphate nanocomposite for use in environmental remediation. <i>Mikrochimica Acta</i> , 2016 , 183, 1787-1796	5.8	38
291	Multienzyme microbiosensor based on electropolymerized o-phenylenediamine for simultaneous in vitro determination of acetylcholine and choline. <i>Biosensors and Bioelectronics</i> , 2012 , 31, 433-8	11.8	37
290	An advanced nano-composite cation-exchanger polypyrrole zirconium titanium phosphate as a Th(IV)-selective potentiometric sensor: preparation, characterization and its analytical application. <i>Journal of Materials Science</i> , 2010 , 45, 3610-3625	4.3	37
289	Heterogeneous photocatalysed degradation of an insecticide derivative acetamiprid in aqueous suspensions of semiconductor. <i>Desalination</i> , 2010 , 261, 169-174	10.3	36
288	Extraction and characterization of natural fiber from <i>Eleusine indica</i> grass as reinforcement of sustainable fiber reinforced polymer composites. <i>Journal of Natural Fibers</i> , 2019 , 1-9	1.8	36
287	Effect of cellulose nano fibers and nano clays on the mechanical, morphological, thermal and dynamic mechanical performance of kenaf/epoxy composites. <i>Carbohydrate Polymers</i> , 2020 , 239, 116248	10.3	35
286	Upgraded modified forms of bituminous coal for the removal of safranin-T dye from aqueous solution. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 18135-18151	5.1	35
285	Preparation and properties of novel sol-gel-derived quaternized poly(n-methyl pyrrole)/Sn(II)SiO ₃ /CNT composites. <i>Journal of Solid State Electrochemistry</i> , 2015 , 19, 1479-1489	2.6	35

284	Electrical conductivity and cation exchange kinetic studies on poly-o-toluidine Th(IV) phosphate nano-composite cation exchange material. <i>Talanta</i> , 2007 , 73, 850-6	6.2	34
283	Preparation of polyaniline grafted graphene oxide/WO ₃ nanocomposite and its application as a chromium(III) chemi-sensor. <i>RSC Advances</i> , 2015 , 5, 105169-105178	3.7	33
282	Photocatalytic degradation of herbicide bentazone in aqueous suspension of TiO ₂ : mineralization, identification of intermediates and reaction pathways. <i>Environmental Technology (United Kingdom)</i> , 2014 , 35, 407-15	2.6	33
281	Characterization of Natural Fibers from Cortaderia Selloana Grass (Pampas) as Reinforcement Material for the Production of the Composites. <i>Journal of Natural Fibers</i> , 2020 , 1-9	1.8	33
280	Characterization of New Cellulosic Fiber from the Bark of Acacia nilotica L. Plant. <i>Journal of Natural Fibers</i> , 2020 , 1-10	1.8	32
279	Optimization of Glucose Powered Biofuel Cell Anode Developed by Polyaniline-Silver as Electron Transfer Enhancer and Ferritin as Biocompatible Redox Mediator. <i>Scientific Reports</i> , 2017 , 7, 12703	4.9	32
278	Dual nature, self oxidized poly(o-anisidine) functionalized multiwall carbon nanotubes composite: Preparation, thermal and electrical studies. <i>Composites Part B: Engineering</i> , 2014 , 58, 451-456	10	32
277	Low dimensional Ni-ZnO nanoparticles as marker of toxic lead ions for environmental remediation. <i>Journal of Industrial and Engineering Chemistry</i> , 2014 , 20, 1071-1078	6.3	31
276	Facile synthesis of doped ZnO-CdO nanoblocks as solid-phase adsorbent and efficient solar photo-catalyst applications. <i>Journal of Industrial and Engineering Chemistry</i> , 2014 , 20, 2278-2286	6.3	31
275	Sol-gel synthesis and characterization of conducting polythiophene/tin phosphate nano tetrapod composite cation-exchanger and its application as Hg(II) selective membrane electrode. <i>Journal of Sol-Gel Science and Technology</i> , 2013 , 65, 160-169	2.3	31
274	Structural and Thermal Properties of Chemically Modified Luffa Cylindrica Fibers. <i>Journal of Natural Fibers</i> , 2021 , 18, 1038-1044	1.8	31
273	Catalytic stereoselective addition to alkynes. Borylation or silylation promoted by magnesia-supported iron oxide and cis-diboration or silaboration by supported platinum nanoparticles. <i>Journal of Catalysis</i> , 2015 , 329, 401-412	7.3	30
272	Effects of Date Palm fibres loading on mechanical, and thermal properties of Date Palm reinforced phenolic composites. <i>Journal of Materials Research and Technology</i> , 2020 , 9, 3614-3621	5.5	30
271	Effect of coir fiber and TiC nanoparticles on basalt fiber reinforced epoxy hybrid composites: physico-mechanical characteristics. <i>Cellulose</i> , 2021 , 28, 3451-3471	5.5	30
270	Extraction and characterization of vetiver grass (<i>Chrysopogon zizanioides</i>) and kenaf fiber (<i>Hibiscus cannabinus</i>) as reinforcement materials for epoxy based composite structures. <i>Journal of Materials Research and Technology</i> , 2020 , 9, 773-778	5.5	29
269	Green synthesis of thermally stable Ag-rGO-CNT nano composite with high sensing activity. <i>Composites Part B: Engineering</i> , 2016 , 86, 27-35	10	28
268	Composite Material Based Conducting Polymers for Electrochemical Sensor Applications: a Mini Review. <i>BioNanoScience</i> , 2020 , 10, 351-364	3.4	28
267	Mechanical, water absorption and wear characteristics of novel polymeric composites: Impact of hybrid natural fibers and oil cake filler addition. <i>Journal of Industrial Textiles</i> , 2020 , 152808372097134	1.6	27

266	Conventional surfactant-doped poly (o-anisidine)/GO nanocomposites for benzaldehyde chemical sensor development. <i>Journal of Sol-Gel Science and Technology</i> , 2016 , 77, 361-370	2.3	27
265	Interaction of amphiphilic drug imipramine hydrochloride with gemini surfactants at different temperatures. <i>Journal of Molecular Liquids</i> , 2014 , 194, 234-240	6	26
264	Design and Preparation of a New and Novel Nanocomposite with CNTs and Its Sensor Applications. <i>Journal of Materials Research and Technology</i> , 2019 , 8, 2238-2246	5.5	25
263	Synthesis, characterization and electrical conductivity measurement studies of poly-o-anisidine Sn(IV) phosphate [POASn(IV)P] nano-composite cation-exchange material. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2009 , 158, 92-97	3.1	25
262	Investigation on the Physicochemical and Mechanical Properties of Novel Alkali-treated Phaseolus vulgaris Fibers. <i>Journal of Natural Fibers</i> , 2020 , 1-12	1.8	24
261	Electrical and Optical Properties of Nickel- and Molybdenum-Doped Titanium Dioxide Nanoparticle: Improved Performance in Dye-Sensitized Solar Cells. <i>Journal of Materials Engineering and Performance</i> , 2014 , 23, 3184-3192	1.6	24
260	Kinetics and Mechanistic Investigation of Decarboxylation for the Oxidation of Levofloxacin by Chloroamine-T in Acidic Medium. <i>Industrial & Engineering Chemistry Research</i> , 2012 , 51, 4819-4824	3.9	24
259	Self-healing polymer composites and its chemistry 2020 , 415-427		24
258	Extraction and Characterization of Cellulose Fibers from the Stem of Momordica Charantia. <i>Journal of Natural Fibers</i> , 2020 , 1-11	1.8	24
257	DC electrical conductivity and liquefied petroleum gas sensing application of polythiophene/zinc oxide nanocomposite. <i>Materialia</i> , 2020 , 9, 100599	3.2	22
256	Antibacterial activity of iron oxide nanoparticles synthesized by co-precipitation technology against Bacillus cereus and Klebsiella pneumoniae. <i>Polish Journal of Chemical Technology</i> , 2017 , 19, 110-115	1	22
255	Investigation of Micellar and Phase Separation Phenomenon of the Amphiphilic Drug Amitriptyline Hydrochloride with Cationic Hydrotropes. <i>Journal of Solution Chemistry</i> , 2013 , 42, 390-411	1.8	21
254	Synthesis and Characterization of Organic-Inorganic Nanocomposite Poly-o-anisidine Sn(IV) Arsenophosphate: Its Analytical Applications as Pb(II) Ion-Selective Membrane Electrode. <i>International Journal of Analytical Chemistry</i> , 2009 , 2009, 659215	1.4	21
253	Extraction and Characterization of Natural Fibers from Citrullus lanatus Climber. <i>Journal of Natural Fibers</i> , 2020 , 1-9	1.8	20
252	Turmeric/polyvinyl alcohol Th(IV) phosphate electrospun fibers: Synthesis, characterization and antimicrobial studies. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016 , 68, 407-414	5.3	20
251	In vitro studies of carbon fiber microbiosensor for dopamine neurotransmitter supported by copper-graphene oxide composite. <i>Mikrochimica Acta</i> , 2014 , 181, 1049-1057	5.8	20
250	Preparation of unsaturated polyester Ce(IV) phosphate by plastic waste bottles and its application for removal of Malachite green dye from water samples. <i>Arabian Journal of Chemistry</i> , 2013 , 6, 361-368	5.9	20
249	Amphiphilic antidepressant drug amitriptyline hydrochloride under the influence of ionic and nonionic hydrotropes; micellization and phase separation. <i>Journal of Industrial and Engineering Chemistry</i> , 2013 , 19, 1774-1780	6.3	20

248	Interaction of the Amphiphilic Drug Amitriptyline Hydrochloride with Gemini and Conventional Surfactants: A Physicochemical Approach. <i>Journal of Solution Chemistry</i> , 2013 , 42, 1532-1544	1.8	20
247	Preparation and characterization of electrically conducting polypyrrole Sn(IV) phosphate cation-exchanger and its application as Mn(II) ion selective membrane electrode. <i>Journal of Advanced Research</i> , 2011 , 2, 341-349	13	20
246	Spectrophotometric methods for the determination of ampicillin by potassium permanganate and 1-chloro-2,4-dinitrobenzene in pharmaceutical preparations. <i>Arabian Journal of Chemistry</i> , 2015 , 8, 255-263	5.9	19
245	Thermally stable and highly sensitive ethene gas sensor based on polythiophene/zirconium oxide nanocomposites. <i>Materials Today Communications</i> , 2019 , 20, 100574	2.5	19
244	Aggregation and phase separation behavior of an amphiphilic drug promazine hydrochloride under the influence of inorganic salts and ureas. <i>Thermochimica Acta</i> , 2013 , 574, 26-37	2.9	19
243	Mixed micellization of gemini surfactant with nonionic surfactant in aqueous media: a fluorometric study. <i>Colloid Journal</i> , 2013 , 75, 235-240	1.1	19
242	Porous organic polymer composites as surging catalysts for visible-light-driven chemical transformations and pollutant degradation. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2019 , 41, 100319	16.4	18
241	Sol-gel synthesis of poly(o-toluidine)@Sn(II)silicate/CNT composites for ion selective membrane electrodes. <i>Journal of Molecular Liquids</i> , 2015 , 208, 71-77	6	18
240	Ultra-sensitive, highly selective and completely reversible ammonia sensor based on polythiophene/SWCNT nanocomposite. <i>Materialia</i> , 2020 , 10, 100704	3.2	18
239	Electrical conductivity and alcohol sensing studies on polythiophene/tin oxide nanocomposites. <i>Journal of Science: Advanced Materials and Devices</i> , 2020 , 5, 84-94	4.2	18
238	Tensile and Flexural Properties of Silica Nanoparticles Modified Unidirectional Kenaf and Hybrid Glass/Kenaf Epoxy Composites. <i>Polymers</i> , 2020 , 12,	4.5	18
237	Induced dielectric behavior in high dense Al _x La _{1-x} TiO ₃ (x = 0.20.8) nanospheres. <i>Journal of Materials Science: Materials in Electronics</i> , 2019 , 30, 20253-20264	2.1	17
236	Toward Facile Preparation and Design of Mulberry-Shaped Poly(2-methylaniline)-Ce ₂ (WO ₄) ₃ @CNT Nanocomposite and Its Application for Electrochemical Cd ²⁺ Ion Detection for Environment Remediation. <i>Polymer-Plastics Technology and Engineering</i> , 2018 , 57, 335-345		17
235	Photocatalytic Study of a Xanthene Dye Derivative, Phloxine B in Aqueous Suspension of TiO ₂ : Adsorption Isotherm and Decolourization Kinetics. <i>Energy and Environment Focus</i> , 2013 , 2, 208-216		17
234	Effect of alkali treatment on performance characterization of Ziziphus mauritiana fiber and its epoxy composites. <i>Journal of Industrial Textiles</i> , 2020 , 152808372094261	1.6	17
233	Preparation and Characterization of hybrid graphene oxide composite and its application in paracetamol microbiosensor. <i>Polymer Composites</i> , 2015 , 36, 221-228	3	16
232	Cu-Cu ₂ O@graphene nanoplatelets nanocomposites: Facile synthesis, characterization, and electrical conductivity properties. <i>Materials Chemistry and Physics</i> , 2018 , 213, 168-176	4.4	16
231	Generation of MoS ₂ quantum dots by laser ablation of MoS ₂ particles in suspension and their photocatalytic activity for H ₂ generation. <i>Journal of Nanoparticle Research</i> , 2016 , 18, 1	2.3	16

230	A new way of synthesis nanohybrid cation-exchanger applicable for membrane electrode. <i>Polymer Composites</i> , 2014 , 35, 1436-1443	3	16
229	Applied poly(2-methoxy aniline) Sn(II)silicate carbon nanotubes composite: Synthesis, characterization, structure-property relationships and applications. <i>Journal of Industrial and Engineering Chemistry</i> , 2014 , 20, 2301-2309	6.3	16
228	A new trend on biosensor for neurotransmitter choline/acetylcholine--an overview. <i>Applied Biochemistry and Biotechnology</i> , 2013 , 169, 1927-39	3.2	16
227	Ion-exchange studies on poly-o-anisidine Sn(IV) phosphate nano composite and its application as Cd(II) ion-selective membrane electrode. <i>Open Chemistry</i> , 2010 , 8, 396-408	1.6	16
226	SDBS-functionalized MWCNT/poly(o-toluidine) nanowires modified glassy carbon electrode as a selective sensing platform for Ce ³⁺ in real samples. <i>Journal of Molecular Liquids</i> , 2019 , 279, 392-399	6	16
225	Physico-Chemical Properties of Fiber Extracted from the Flower of Celosia Argentea Plant. <i>Journal of Natural Fibers</i> , 2021 , 18, 464-473	1.8	16
224	Electrical switching behaviour of a metalloporphyrin in Langmuir-Blodgett film. <i>Organic Electronics</i> , 2018 , 55, 50-62	3.5	15
223	Chemical sensing platform for the Zn ions based on poly(o-anisidine-co-methyl anthranilate) copolymer composites and their environmental remediation in real samples. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 27899-27911	5.1	15
222	Enhancing catalytic performance via structure core-shell metal-organic frameworks. <i>Journal of Catalysis</i> , 2019 , 375, 371-379	7.3	15
221	Electro polymerized 4-vinyl pyridine on 2B pencil graphite as ionophore for cadmium (II). <i>Talanta</i> , 2012 , 88, 477-83	6.2	15
220	Apigenin, A Plant Flavone Playing Noble Roles in Cancer Prevention Via Modulation of Key Cell Signaling Networks. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2019 , 14, 298-311	2.6	15
219	Preparation and characterization of new hybrid polymer composites from Phoenix pusilla fibers/E-glass/carbon fabrics on potential engineering applications: Effect of stacking sequence. <i>Polymer Composites</i> , 2020 , 41, 4572-4582	3	15
218	Molecular and enzoinformatics perspectives of targeting Polo-like kinase 1 in cancer therapy. <i>Seminars in Cancer Biology</i> , 2019 , 56, 47-55	12.7	15
217	Electrical Conductivity Based Ammonia Sensing Properties of Polypyrrole/MoS Nanocomposite. <i>Polymers</i> , 2020 , 12,	4.5	14
216	Studies on the oxidation of levofloxacin by N-bromosuccinimide in acidic medium and their mechanistic pathway. <i>Journal of Molecular Liquids</i> , 2016 , 218, 604-610	6	14
215	Organic additives and pharmaceutical excipients as cloud point modifiers in amitriptyline hydrochloride solutions. <i>Journal of Molecular Liquids</i> , 2012 , 172, 59-65	6	14
214	Effect of Organic Additives on the Phase Separation Phenomenon of Amphiphilic Drug Solutions. <i>Journal of Surfactants and Detergents</i> , 2012 , 15, 765-775	1.9	14
213	Clouding Behavior of Amphiphilic Drug Clomipramine Hydrochloride with Pharmaceutical Excipients. <i>Tenside, Surfactants, Detergents</i> , 2013 , 50, 376-384	1	14

212	Electrical conductivity and ammonia sensing studies on polythiophene/MWCNTs nanocomposites. <i>Materialia</i> , 2020 , 14, 100868	3.2	14
211	Experimental investigation on the mechanical and morphological behavior of Prosopis juliflora bark fibers/E-glass/carbon fabrics reinforced hybrid polymeric composites for structural applications. <i>Polymer Composites</i> , 2020 , 41, 4983-4993	3	14
210	The conducting polymer electrolyte based on polypyrrole-polyvinyl alcohol and its application in low-cost quasi-solid-state dye-sensitized solar cells. <i>Journal of Solid State Electrochemistry</i> , 2018 , 22, 3785-3797	2.6	14
209	Detection of Mycobacterium tuberculosis lipoarabinomannan and CFP-10 (Rv3874) from urinary extracellular vesicles of tuberculosis patients by immuno-PCR. <i>Pathogens and Disease</i> , 2019 , 77,	4.2	13
208	Facial synthesis of highly active polymer vanadium molybdate nanocomposite: Improved thermoelectric and antimicrobial studies. <i>Journal of Physics and Chemistry of Solids</i> , 2019 , 131, 148-155	3.9	13
207	Titanium Dioxide-Mediated Photocatalysed Degradation of Two Herbicide Derivatives Chloridazon and Metribuzin in Aqueous Suspensions. <i>International Journal of Chemical Engineering</i> , 2012 , 2012, 1-8	2.2	13
206	Indian mallow fiber reinforced polyester composites: mechanical and thermal properties. <i>Journal of Materials Research and Technology</i> , 2021 , 11, 274-284	5.5	13
205	Effect of TiC Nanoparticles Reinforcement in Coir Fiber Based Bio/Synthetic Epoxy Hybrid Composites: Mechanical and Thermal Characteristics. <i>Journal of Polymers and the Environment</i> , 2021 , 29, 2609	4.5	13
204	Synthesis of single-walled carbon nanotubes cerium(IV) phosphate composite cation exchanger: Ion exchange studies and its application as ion-selective membrane electrode for determination of Cd(II) ions. <i>Polymer Composites</i> , 2017 , 38, 1005-1013	3	12
203	Chemical Sensor Development and Antibacterial Activities Based on Polyaniline/Gemini Surfactants for Environmental Safety. <i>Journal of Polymers and the Environment</i> , 2018 , 26, 1673-1684	4.5	12
202	Mechanistic investigation of the oxidation of Cefuroxime by hexacyanoferrate(III) in alkaline conditions. <i>Journal of Industrial and Engineering Chemistry</i> , 2013 , 19, 595-600	6.3	12
201	Influence of Different Additives on the Interaction of Quinolone Antibiotic Drug with Surfactant: Conductivity and Cloud Point Measurement Study. <i>Journal of Surfactants and Detergents</i> , 2020 , 23, 457-470	1.0	12
200	Hybrid Effect of PJFs/E-glass/Carbon Fabric Reinforced Hybrid Epoxy Composites for Structural Applications.. <i>Journal of Natural Fibers</i> , 2020 , 1-11	1.8	12
199	Pongamia pinnata shell powder filled sisal/kevlar hybrid composites: Physicomechanical and morphological characteristics. <i>Polymer Composites</i> , 2021 , 42, 4434-4447	3	12
198	Preparation, properties and applications of organic/inorganic hybrid nanocomposite poly(aniline-co-o-toluidine) tungstomolybdate. <i>Journal of Molecular Liquids</i> , 2016 , 216, 646-653	6	11
197	Micro concentrations of Ru(III) used as homogenous catalyst in the oxidation of levothyroxine by N-bromosuccinimide and the mechanistic pathway. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2014 , 45, 127-133	5.3	11
196	Mechanical and Thermal Properties of Chloris barbata flower fiber /Epoxy Composites: Effect of Alkali treatment and Fiber weight fraction. <i>Journal of Natural Fibers</i> , 1-14	1.8	11
195	Geodesic vector fields and Eikonal equation on a Riemannian manifold. <i>Indagationes Mathematicae</i> , 2019 , 30, 542-552	0.6	11

194	Microcrystalline Cellulose from Fruit Bunch Stalk of Date Palm: Isolation and Characterization. <i>Journal of Polymers and the Environment</i> , 2020 , 28, 1766-1775	4.5	10
193	Emerging role of long non-coding RNAs in cancer chemoresistance: unravelling the multifaceted role and prospective therapeutic targeting. <i>Molecular Biology Reports</i> , 2020 , 47, 5569-5585	2.8	10
192	Electrical Conductivity and Biological Efficacy of Ethyl Cellulose and Polyaniline-Based Composites 2018 , 181-197		10
191	Kinetics and adsorption studies on the removal of levofloxacin using coconut coir charcoal impregnated with Al ₂ O ₃ nanoparticles. <i>Desalination and Water Treatment</i> , 2016 , 57, 23918-23926		10
190	Preparation of new and novel wave like poly(2-anisidine) zirconium tungstate nanocomposite: Thermal, electrical and ion-selective studies. <i>Chinese Journal of Chemical Engineering</i> , 2019 , 27, 459-466	3.2	10
189	Structural and dielectric properties of Mn doped copper oxide (CuO) nanostructure 2013 ,		10
188	Kinetic and mechanistic investigation of the oxidation of the antibacterial agent levofloxacin by permanganate in alkaline medium. <i>Transition Metal Chemistry</i> , 2010 , 35, 117-123	2.1	10
187	Biogenic Synthesis of Selenium Nanoparticles with Edible Mushroom Extract: Evaluation of Cytotoxicity on Prostate Cancer Cell Lines and Their Antioxidant, and Antibacterial Activity. <i>Biointerface Research in Applied Chemistry</i> , 2020 , 10, 6629-6639	2.8	10
186	Room temperature preparation, electrical conductivity, and thermal behavior evaluation on silver nanoparticle embedded polyaniline tungstophosphate nanocomposite. <i>Polymer Composites</i> , 2016 , 37, 2460-2466	3	10
185	A green-nanocomposite film based on poly(vinyl alcohol)/ Eleusine coracana: structural, thermal, and morphological properties. <i>International Journal of Polymer Analysis and Characterization</i> , 2019 , 24, 257-265	1.7	10
184	Electrical conductivity and ion-exchange kinetic studies of polythiophene Sn(VI)phosphate nano composite cation-exchanger. <i>Arabian Journal of Chemistry</i> , 2019 , 12, 1652-1659	5.9	10
183	Surfactant-assisted graphene oxide/methylaniline nanocomposites for lead ionic sensor development for the environmental remediation in real sample matrices. <i>International Journal of Environmental Science and Technology</i> , 2019 , 16, 8461-8470	3.3	9
182	Toward designing efficient rice-shaped polyaniline@bismuth oxide nanocomposites for sensor application. <i>Journal of Sol-Gel Science and Technology</i> , 2015 , 76, 519-528	2.3	9
181	Conjugated mesoporous polyazobenzenePd(II) composite: A potential catalyst for visible-light-induced Sonogashira coupling. <i>Journal of Catalysis</i> , 2019 , 377, 183-189	7.3	9
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65	Thermomechanical Characterization of Vacuum Resin Infusion-Molded Ceramic Rock-Derived Natural Wool-Reinforced Epoxy and Cashew Nut Shell Liquid-Based Composites 2020 , 265-306		1
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59	Bioinspired Polydopamine and Composites for Biomedical Applications 2018 , 1-29		1
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44	Self-healing fiber-reinforced epoxy composites 2020 , 393-404		1
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- 23 Influence of Fiber Content in the Water Absorption and Mechanical Properties of Sisal Fiber Powder Composites **2020**, 369-380
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- 21 Ballistic Behavior of Fiber Composites **2020**, 117-127
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