

# Amin Bilal ul

## List of Publications by Year in descending order

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41  
papers

712  
citations

623188

14  
h-index

580395

25  
g-index

41  
all docs

41  
docs citations

41  
times ranked

683  
citing authors

#	ARTICLE	IF	CITATIONS
1	Advances in chemical modifications of starches and their applications. Carbohydrate Research, 2019, 476, 12-35.	1.1	127
2	Triple and Two-Way Reversible Shape Memory Polymer Networks with Body Temperature and Water Responsiveness. Chemistry of Materials, 2021, 33, 1190-1200.	3.2	55
3	An overview of controlled-biocide-release coating based on polymer resin for marine antifouling applications. Journal of Polymer Research, 2020, 27, 1.	1.2	42
4	Molecular design, synthesis and biomedical applications of stimuli-responsive shape memory hydrogels. European Polymer Journal, 2019, 114, 380-396.	2.6	41
5	NIR Light-Triggered Shape Memory Polymers Based on Mussel-Inspired Iron-Catechol Complexes. Advanced Functional Materials, 2021, 31, 2102621.	7.8	39
6	Recent Progress on Fabrication and Performance of Polymer Composites with Highly Thermal Conductivity. Macromolecular Materials and Engineering, 2021, 306, 2100434.	1.7	33
7	Recent advances on ferrocene-based compounds and polymers as a burning rate catalysts for propellants. Journal of Organometallic Chemistry, 2020, 921, 121368.	0.8	31
8	A review of recent advances in the preparation of polyaniline-based composites and their electromagnetic absorption properties. Journal of Materials Science, 2021, 56, 5449-5478.	1.7	30
9	Recent progress in EPR study of spin labeled polymers and spin probed polymer systems. Journal of Polymer Science, 2020, 58, 1924-1948.	2.0	25
10	Recent Progress on the Preparation of Cyclomatrix-Polyphosphazene Based Micro/Nanospheres and Their Application for Drug Release. ChemistrySelect, 2020, 5, 5939-5958.	0.7	18
11	Synthesis of silver nanowires with controlled diameter and their conductive thin films. Journal of Materials Science: Materials in Electronics, 2019, 30, 12876-12887.	1.1	16
12	Electromagnetic interference shielding properties of ferrocene-based polypyrrole/carbon material composites. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	1.1	16
13	Multiple-stimuli-responsiveness and conformational inversion of smart supramolecular nanoparticles assembled from spin labeled amphiphilic random copolymers. Journal of Colloid and Interface Science, 2021, 585, 237-249.	5.0	16
14	Chitosan reinforced hydrogels with swelling-shrinking behaviors in response to glucose concentration. International Journal of Biological Macromolecules, 2020, 161, 109-121.	3.6	15
15	Electromagnetic interference shielding effectiveness of ferrocene-based polyimidazole/carbon material composites. Polymer Composites, 2020, 41, 2068-2081.	2.3	15
16	Multi-stimuli-responsive performance and morphological changes of radical-functionalized self-assembled micellar nanoaggregates and their multi-triggered drug release. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 625, 126807.	2.3	15
17	Polypyrrole nanotube/ferrocene-modified graphene oxide composites: From fabrication to EMI shielding application. Journal of Materials Science, 2021, 56, 18093-18115.	1.7	14
18	Synthesis and Anti-migration Studies of Ferrocene-Based Amides as Burning Rate Catalysts. Journal of Inorganic and Organometallic Polymers and Materials, 2021, 31, 2511-2520.	1.9	13

#	ARTICLE	IF	CITATIONS
19	Dynamics in Controllable Stimuli-Responsive Self-Assembly of Polymer Vesicles with Stable Radical Functionality. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 61693-61706.	4.0	13
20	Cross-Linked Poly(cyclotriphosphazene-co-phloretin) Microspheres and Their Application for Controlled Drug Delivery. <i>Macromolecular Research</i> , 2022, 30, 623-630.	1.0	13
21	Synthesis of carboxymethyl starch grafted poly (methacrylic acids) (CMS-g-PMAAs) and their application as an adsorbent for the removal of ammonia and phenol. <i>Journal of Molecular Structure</i> , 2020, 1207, 127752.	1.8	12
22	Preparation of poly(cyclotriphosphazene-co-piperazine) nanospheres and their drug release behavior. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2022, 71, 139-147.	1.8	11
23	Electrical conductivity and electromagnetic interference shielding properties of polymer/carbon composites. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 16636-16650.	1.1	10
24	Microneedle Patch Prepared from a Hydrogel by a Mild Method for Insulin Delivery. <i>ChemNanoMat</i> , 2021, 7, 1230-1240.	1.5	10
25	Synthesis of AgNWs Using High Molecular Weight PVP As a Capping Agent and Their Application in Conductive Thin Films. <i>Journal of Electronic Materials</i> , 2021, 50, 2789-2799.	1.0	9
26	Biodegradable polyurethane based clay composite and their anti-biofouling properties. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 625, 126946.	2.3	8
27	Dual modification of starches by phosphorylation and grafting and their application as adsorbents for the removal of phenol. <i>Journal of Polymer Research</i> , 2020, 27, 1.	1.2	7
28	Synthesis of corrugated surface AgNWs and their applications in surface enhanced Raman spectroscopy. <i>CrystEngComm</i> , 2020, 22, 2183-2196.	1.3	7
29	Synthesis of AgNWs using copper bromide as stabilizing agent and oxygen scavenger and their application in conductive thin films. <i>Materials Chemistry and Physics</i> , 2021, 267, 124643.	2.0	7
30	Preparation of ferrocene-based phenylethylamino compounds and their properties as burning rate catalysts. <i>Journal of Molecular Structure</i> , 2022, 1251, 132066.	1.8	7
31	Stimuli-sensitivity and dynamics in the self-assembly structure of TEMPO-containing nonamphiphilic nanoparticles and their triggering hydrophobic drug release. <i>Materials Today Communications</i> , 2022, 30, 103107.	0.9	6
32	Preparation of size-controlled poly(cyclotriphosphazene-co-resveratrol) microspheres and their properties as drug delivery carriers. <i>Iranian Polymer Journal (English Edition)</i> , 2022, 31, 1225-1235.	1.3	6
33	Synthesis of Ferrocene-based Esters as Burning Rate Catalysts and their Anti-migration Study. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2020, 646, 1671-1678.	0.6	5
34	Study on synthesis of cross-linked poly(cyclotriphosphazene-co-luteolin) nanospheres and their properties for controlled drug delivery. <i>Colloid and Polymer Science</i> , 2022, 300, 861-871.	1.0	5
35	Recent advances in the smart insulin delivery systems for the treatment of diabetes. <i>European Polymer Journal</i> , 2021, 161, 110829.	2.6	4
36	Synthesis of succinylated carboxymethyl starches and their role as adsorbents for the removal of phenol. <i>Colloid and Polymer Science</i> , 2021, 299, 1833-1841.	1.0	3

#	ARTICLE	IF	CITATIONS
37	Preparation and Properties of Ferrocene-Based Polyfuran/Carbon Material Composites for Electromagnetic Interference Shielding. <i>Journal of Electronic Materials</i> , 2020, 49, 5647-5656.	1.0	2
38	Synthesis of Succinylated Starches and Their Application as Adsorbents for the Removal of Phenol. <i>Journal of Polymers and the Environment</i> , 2021, 29, 2676-2685.	2.4	2
39	Synthesis of poly(2-(methacryloyloxy) ethyl ferrocene carboxylate-co-glycidyl methacrylic acid)s and their anti-migration and burning rate catalytic properties. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021, 146, 2445-2462.	2.0	2
40	Advances in the Synthesis of Polyolefin Elastomers with "Chain-walking" Catalysts and Electron Spin Resonance Research of Related Catalytic Systems. <i>Current Organic Chemistry</i> , 2021, 25, 935-949.	0.9	2
41	Study on Synthesis, Burning Rate Catalytic and Anti-migration Properties of Ferrocene-Based Furan and Triazole Derivatives. <i>Catalysis Letters</i> , 0, , .	1.4	0