

Rashid Nazir

List of Publications by Year in descending order

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24
papers

774
citations

567144

15
h-index

580701

25
g-index

25
all docs

25
docs citations

25
times ranked

842
citing authors

#	ARTICLE	IF	CITATIONS
1	Polyamineâ€“Diazirine Conjugates for Use as Primers in UHMWPEâ€“Epoxy Composite Materials. ACS Applied Polymer Materials, 2022, 4, 1728-1742.	2.0	8
2	Electronically optimized diazirine-based polymer crosslinkers. Polymer Chemistry, 2022, 13, 3833-3839.	1.9	6
3	In-situ phosphine oxide physical networks: A facile strategy to achieve durable flame retardant and antimicrobial treatments of cellulose. Chemical Engineering Journal, 2021, 417, 128028.	6.6	34
4	Alkyl sulfone bridged phosphorus flame-retardants for polypropylene. Materials and Design, 2021, 200, 109459.	3.3	15
5	Smart hydrogel-microsphere embedded silver nanoparticle catalyst with high activity and selectivity for the reduction of 4-nitrophenol and azo dyes. Journal of Hazardous Materials, 2021, 416, 126237.	6.5	41
6	Fabrication of Cellulase Catalysts Immobilized on a Nanoscale Hybrid Polyaniline/Cationic Hydrogel Support for the Highly Efficient Catalytic Conversion of Cellulose. ACS Applied Materials & Interfaces, 2021, 13, 49816-49827.	4.0	18
7	Influence of Topical Cross-Linking on Mechanical and Ballistic Performance of a Woven Ultra-High-Molecular-Weight Polyethylene Fabric Used in Soft Body Armor. ACS Applied Polymer Materials, 2021, 3, 6008-6018.	2.0	6
8	Recent developments in P(O/S)â€“N containing flame retardants. Journal of Applied Polymer Science, 2020, 137, 47910.	1.3	64
9	Fire and mechanical properties of DGEBA-based epoxy resin cured with a cycloaliphatic hardener: Combined action of silica, melamine and DOPO-derivative. Materials and Design, 2020, 193, 108862.	3.3	75
10	Stabilizing effects of novel phosphorus flame retardant on PET for high-temperature applications. Materials Letters, 2020, 276, 128225.	1.3	15
11	Structurally Tunable pH-responsive Phosphine Oxide Based Gels by Facile Synthesis Strategy. ACS Applied Materials & Interfaces, 2020, 12, 7639-7649.	4.0	9
12	Synthesis of α -Ketosulfone Derivatives As New Non-Cytotoxic Urease Inhibitors <i>In Vitro</i> . Medicinal Chemistry, 2020, 16, 244-255.	0.7	5
13	Michael addition in reactive extrusion: A facile sustainable route to developing phosphorus based flame retardant materials. Composites Part B: Engineering, 2019, 178, 107470.	5.9	22
14	High-speed two-photon polymerization 3D printing with a microchip laser at its fundamental wavelength. Optics Express, 2019, 27, 25119.	1.7	34
15	Comprehensive study on flame retardant polyesters from phosphorus additives. Polymer Degradation and Stability, 2018, 155, 22-34.	2.7	64
16	Gating That Suppresses Charge Recombinationâ€“The Role of Mono-N-Arylated Diketopyrrolopyrrole. Journal of the American Chemical Society, 2016, 138, 12826-12832.	6.6	53
17	Vertically π -Expanded Coumarins: The Synthesis and Optical Properties. Journal of Organic Chemistry, 2016, 81, 11104-11114.	1.7	38
18	π -Expanded 1,3-diketones â€“ synthesis, optical properties and application in two-photon polymerization. Journal of Materials Chemistry C, 2016, 4, 167-177.	2.7	28

#	ARTICLE	IF	CITATIONS
19	Synthesis and Optical Properties of β,β' -Unsaturated Ketones Bearing a Benzofuran Moiety. Asian Journal of Organic Chemistry, 2015, 4, 929-935.	1.3	12
20	Strong solvent dependence of linear and non-linear optical properties of donor-acceptor type pyrrolo[3,2-b]pyrroles. Physical Chemistry Chemical Physics, 2015, 17, 23724-23731.	1.3	35
21	Donor-Acceptor Type Thioxanthenes: Synthesis, Optical Properties, and Two-Photon Induced Polymerization. Macromolecules, 2015, 48, 2466-2472.	2.2	49
22	β,β' -Expanded β,β' -Unsaturated Ketones: Synthesis, Optical Properties, and Two-Photon-Induced Polymerization. ChemPhysChem, 2015, 16, 682-690.	1.0	24
23	β -Expanded Ketocoumarins as Efficient, Biocompatible Initiators for Two-Photon-Induced Polymerization. Chemistry of Materials, 2014, 26, 3175-3184.	3.2	72
24	Push-Pull Acylo-Phosphine Oxides for Two-Photon-Induced Polymerization. Macromolecules, 2013, 46, 7239-7244.	2.2	45