

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

42 papers	776 citations	17 h-index	27 g-index
44 ext. papers	1,045 ext. citations	5.6 avg, IF	4.27 L-index

#	Paper	IF	Citations
42	A novel high-strength poly(ionic liquid)/PVA hydrogel dressing for antibacterial applications. <i>Chemical Engineering Journal</i> , <b>2019</b> , 365, 153-164	14.7	79
41	Self-assembled enzyme-inorganic hybrid nanoflowers and their application to enzyme purification. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2015</b> , 130, 299-304	6	79
40	Synthesis of a novel anti-freezing, non-drying antibacterial hydrogel dressing by one-pot method. <i>Chemical Engineering Journal</i> , <b>2019</b> , 372, 216-225	14.7	57
39	Hierarchical assembly of enzyme-inorganic composite materials with extremely high enzyme activity. <i>RSC Advances</i> , <b>2015</b> , 5, 96997-97002	3.7	42
38	A novel composite hydrogel for solar evaporation enhancement at air-water interface. <i>Science of the Total Environment</i> , <b>2019</b> , 668, 153-160	10.2	39
37	The influence of synthesis conditions on enzymatic activity of enzyme-inorganic hybrid nanoflowers. <i>Journal of Molecular Catalysis B: Enzymatic</i> , <b>2016</b> , 133, 92-97		38
36	A novel transparent luminous hydrogel with self-healing property. <i>Journal of Materials Chemistry B</i> , <b>2017</b> , 5, 5738-5744	7.3	34
35	Excited-State Proton Transfer Mechanism of 2,6-Diazaindoles[(HO) (n = 2-4) Clusters. <i>Journal of Physical Chemistry B</i> , <b>2018</b> , 122, 3988-3995	3.4	33
34	Theoretical investigation of twisted charge-transfer-promoted intramolecular proton transfer in the excited state of 4'-dimethylaminoflavonol in a highly polar solvent. <i>Journal of Luminescence</i> , <b>2018</b> , 194, 785-790	3.8	33
33	Synthesis of magnetic nanoflower immobilized lipase and its continuous catalytic application. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 11082-11090	3.6	25
32	A theoretical study of the ESIPT mechanism of 3-hydroxyflavone derivatives: solvation effect and the importance of TICT for its dual fluorescence properties. <i>Organic Chemistry Frontiers</i> , <b>2019</b> , 6, 3136-3143	5.2	24
31	A new interpretation of the ESIPT mechanism of 2-(benzimidazol-2-yl)-3-hydroxychromone derivatives. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2020</b> , 224, 117359	4.4	24
30	A novel catalytic material for hydrolyzing cow's milk allergenic proteins: Papain-Cu(PO) <sub>4</sub> BHO-magnetic nanoflowers. <i>Food Chemistry</i> , <b>2020</b> , 311, 125911	8.5	23
29	Highly fluorinated low-molecular-weight photoresists for optical waveguides. <i>Journal of Polymer Science Part A</i> , <b>2011</b> , 49, 762-769	2.5	20
28	Synthesis and continuous catalytic application of alkaline protease nanoflowers/BVA composite hydrogel. <i>Catalysis Communications</i> , <b>2018</b> , 116, 5-9	3.2	19
27	Theoretical study of excited-state proton transfer of 2,7-diazaindole[(HO) cluster via hydrogen bonding dynamics. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2017</b> , 187, 163-167	4.4	17
26	Synthesis and investigation of a novel luminous hydrogel. <i>Polymer Chemistry</i> , <b>2016</b> , 7, 3766-3772	4.9	17

25	A novel high-strength polymer hydrogel with identifiability prepared via a one-pot method. <i>Polymer Chemistry</i> , <b>2017</b> , 8, 3553-3559	4.9	16
24	The study of the characteristics and hydrolysis properties of naringinase immobilized by porous silica material.. <i>RSC Advances</i> , <b>2019</b> , 9, 4514-4520	3.7	15
23	Novel Nonreleasing Antibacterial Hydrogel Dressing by a One-Pot Method. <i>ACS Biomaterials Science and Engineering</i> , <b>2020</b> , 6, 1259-1268	5.5	14
22	Multiscale immobilized lipase for rapid separation and continuous catalysis. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 13471-13478	3.6	13
21	A ionic liquid enhanced conductive hydrogel for strain sensing applications. <i>Journal of Colloid and Interface Science</i> , <b>2022</b> , 606, 192-203	9.3	13
20	Self-assembled hybrid nanomaterials with alkaline protease and a variety of metal ions. <i>RSC Advances</i> , <b>2017</b> , 7, 48360-48367	3.7	12
19	A novel hydrogel with self-healing property and bactericidal activity. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 584, 484-494	9.3	9
18	Metal-cladding directly defined active integrated optical waveguide device based on erbium-containing polymer. <i>RSC Advances</i> , <b>2016</b> , 6, 3224-3230	3.7	8
17	Synthesis and investigation of an erbium-containing photosensitive polymer. <i>Polymer Chemistry</i> , <b>2015</b> , 6, 5430-5436	4.9	7
16	A novel high-strength photoluminescent hydrogel for tissue engineering. <i>Biomaterials Science</i> , <b>2018</b> , 6, 2320-2326	7.4	7
15	Synthesis and investigation of a photosensitive, europium-containing polymer. <i>Reactive and Functional Polymers</i> , <b>2014</b> , 76, 19-25	4.6	7
14	Multilayered TiO <sub>2</sub> @SnO <sub>2</sub> hollow nanostructures: facile synthesis and enhanced photocatalytic performance. <i>RSC Advances</i> , <b>2014</b> , 4, 59503-59507	3.7	7
13	Synthesis of photosensitive poly(methyl methacrylate-co-glycidyl methacrylate) for optical waveguide devices. <i>Applied Physics A: Materials Science and Processing</i> , <b>2010</b> , 100, 409-414	2.6	7
12	Multilayer graphite nano-sheet composite hydrogel for solar desalination systems with floatability and recyclability. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 20181-20191	3.6	7
11	Theoretical study on the ESIPT of fluorescent probe molecules N-(2-(4-(dimethylamino)phenyl)-3-hydroxy-4-oxo-4h -chromen-6-yl) butyramide in different solvents. <i>Journal of Molecular Liquids</i> , <b>2020</b> , 314, 113614	6	6
10	A reusable ionic liquid-grafted antibacterial cotton gauze wound dressing. <i>Journal of Materials Science</i> , <b>2021</b> , 56, 7598-7612	4.3	6
9	A novel floatable composite hydrogel for solar evaporation enhancement. <i>Environmental Science: Water Research and Technology</i> , <b>2020</b> , 6, 221-230	4.2	5
8	A novel self-healing triple physical cross-linked hydrogel for antibacterial dressing. <i>Journal of Materials Chemistry B</i> , <b>2021</b> , 9, 6844-6855	7.3	5

7	The influence of intermolecular hydrogen bonds on single fluorescence mechanism of 1-hydroxy-11H-benzo [b]fluoren-11-one and 10-hydroxy-11H-benzo [b]fluoren-11-one. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2021</b> , 260, 119993	4.4	3
6	A lipase/poly (ionic liquid)-styrene microspheres/PVA composite hydrogel for esterification application. <i>Enzyme and Microbial Technology</i> , <b>2021</b> , 152, 109935	3.8	2
5	Enzymatic nitration of the oleic acid derivatives: Synthesis, isolation and characterization. <i>Journal of Molecular Catalysis B: Enzymatic</i> , <b>2013</b> , 98, 87-91		1
4	Controllable biotransformation of naringin to prunin by naringinase immobilized on functionalized silica. <i>Journal of Chemical Technology and Biotechnology</i> , <b>2021</b> , 96, 1218-1227	3.5	1
3	Hydrogen-bonded lipase-hydrogel microspheres for esterification application. <i>Journal of Colloid and Interface Science</i> , <b>2022</b> , 606, 1229-1238	9.3	1
2	Substituents effect on the methanol-assisted excited-state intermolecular proton transfer of 7-Aminoquinoline: A theoretical study. <i>Journal of Molecular Liquids</i> , <b>2021</b> , 341, 116920	6	0
1	Synthesis of papain-polyacrylamide hydrogel microspheres and their catalytic application. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 16696-16704	3.6	0