

# Yuming Zhou

## List of Publications by Year in Descending Order

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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.

354  
papers

7,838  
citations

44  
h-index

68  
g-index

371  
ext. papers

9,104  
ext. citations

4.9  
avg, IF

6.3  
L-index

#	Paper	IF	Citations
354	Fe-based MOFs@Pd@COFs with spatial confinement effect and electron transfer synergy of highly dispersed Pd nanoparticles for Suzuki-Miyaura coupling reaction. <i>Journal of Colloid and Interface Science</i> , <b>2022</b> , 608, 809-819	9.3	5
353	Rime-like carbon paper@Bi <sub>2</sub> S <sub>3</sub> hybrid structure for efficient and broadband microwave absorption. <i>Chemical Engineering Journal</i> , <b>2022</b> , 428, 131127	14.7	10
352	A MXene-based multiple catalyst for highly efficient photocatalytic removal of nitrate.. <i>Environmental Science and Pollution Research</i> , <b>2022</b> , 1	5.1	0
351	Carbon and phosphorus co-doped carbon nitride hollow tube for improved photocatalytic hydrogen evolution.. <i>Journal of Colloid and Interface Science</i> , <b>2022</b> , 616, 152-162	9.3	0
350	A nanoflower-like polypyrrole-based cobalt-nickel sulfide hybrid heterostructures with electrons migration to boost overall water splitting.. <i>Journal of Colloid and Interface Science</i> , <b>2022</b> , 618, 1-10	9.3	0
349	Preparation and properties of allyl ether-based polycarboxylate superplasticizer with short-branched chains modified by nano-silica. <i>Journal of Chemical Research</i> , <b>2022</b> , 46, 174751982210919 <sup>0.6</sup>		
348	Low-temperature carbonized biomimetic cellulose nanofiber/MXene composite membrane with excellent microwave absorption performance and tunable absorption bands. <i>Chemical Engineering Journal</i> , <b>2021</b> , 133269	14.7	6
347	Synthesis of a New Type of 2-Phosphonobutane-1,2,4-tricarboxylic-Acid-Modified Terpolymer Scale Inhibitor and Its Application in the Oil Field. <i>Energy &amp; Fuels</i> , <b>2021</b> , 35, 6136-6143	4.1	4
346	Calcium Scale Inhibition of Stimulated Oilfield Produced Water Using Polyaspartic Acid/Aminomethanesulfonic Acid. <i>ChemistrySelect</i> , <b>2021</b> , 6, 3692-3701	1.8	0
345	NiCoP/NF 1D/2D Biomimetic Architecture for Markedly Enhanced Overall Water Splitting. <i>ChemElectroChem</i> , <b>2021</b> , 8, 3064-3072	4.3	2
344	Fabrication of FTO/PNIPAm/FTO Electrical-Thermal Dual-Response Smart Window for Solar Radiation Management in the Full Temperature Range**. <i>ChemistrySelect</i> , <b>2021</b> , 6, 5496-5503	1.8	0
343	A 3D peony-like sulfur-doped carbon nitride synthesized by self-assembly for efficient photocatalytic hydrogen production. <i>International Journal of Hydrogen Energy</i> , <b>2021</b> , 46, 20481-20491	6.7	8
342	Spider web-like carbonized bacterial cellulose/MoSe <sub>2</sub> nanocomposite with enhanced microwave attenuation performance and tunable absorption bands. <i>Nano Research</i> , <b>2021</b> , 14, 738-746	10	26
341	Biomimetic 3D coral reef-like GO@TiO <sub>2</sub> composite framework inlaid with TiO <sub>2</sub> for low-frequency electromagnetic wave absorption. <i>Carbon</i> , <b>2021</b> , 178, 144-156	10.4	9
340	Synthesis and performance of piperidinium-based ionic liquids as catalyst for alkylation of p-xylene with 1-hexadecene. <i>Applied Organometallic Chemistry</i> , <b>2021</b> , 35, e6147	3.1	0
339	C-Rich Graphitic Carbon Nitride with Cross Pore Channels: A Visible-Light-Driven Photocatalyst for Water Splitting. <i>ACS Applied Energy Materials</i> , <b>2021</b> , 4, 1784-1792	6.1	4
338	Controllable fabrication of 3D porous carbon nitride with ultra-thin nanosheets templated by ionic liquid for highly efficient water splitting. <i>International Journal of Hydrogen Energy</i> , <b>2021</b> , 46, 25004-25014 <sup>6.7</sup>	6.7	2

337	Hollow tubular carbon doping graphitic carbon nitride with adjustable structure for highly enhanced photocatalytic hydrogen production. <i>Carbon</i> , <b>2021</b> , 182, 287-296	10.4	18
336	Bimetallic Organic Frameworks from In Situ-Activated NiFe Foam for Highly Efficient Water Splitting. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2021</b> , 9, 1826-1836	8.3	15
335	Well-Designed Spherical Covalent Organic Frameworks with an Electron-Deficient and Conjugate System for Efficient Photocatalytic Hydrogen Evolution. <i>ACS Applied Energy Materials</i> , <b>2021</b> , 4, 14111-14120	6.1	0
334	Fe-Doped Mesoporous Alumina: Facile One-Pot Synthesis, Modified Surface-Acidity and Its Enhanced Catalytic Performance in Phenol Hydroxylation. <i>Catalysis Letters</i> , <b>2020</b> , 150, 2273-2282	2.8	2
333	Synthesis of P123-Templated and DVB-Cross-linked Meso-macroporous Poly (ionic liquids) with High-Performance Alkylation. <i>Applied Organometallic Chemistry</i> , <b>2020</b> , 34, e5460	3.1	2
332	Synthesis of carbon nitride hollow microspheres with highly hierarchical porosity templated by poly (ionic liquid) for photocatalytic hydrogen evolution. <i>Applied Organometallic Chemistry</i> , <b>2020</b> , 34, e5474	3.1	4
331	Preparation and Application of Modified Imidazole with MPEG (Polyethylene Glycol Monomethyl Ether) as Carbon Steel Inhibitor. <i>Tenside, Surfactants, Detergents</i> , <b>2020</b> , 57, 57-73	1	1
330	Construction of three-dimensional mesoporous carbon nitride with high surface area for efficient visible-light-driven hydrogen evolution. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 561, 601-608	9.3	16
329	Hierarchical porous bimetal-sulfide bi-functional nanocatalysts for hydrogen production by overall water electrolysis. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 560, 426-435	9.3	19
328	Dopamine-assisted synthesis of rGO@NiPd@NC sandwich structure for highly efficient hydrogen evolution reaction. <i>Journal of Solid State Electrochemistry</i> , <b>2020</b> , 24, 137-144	2.6	5
327	Interface Nanoengineering of PdNi-S/C Nanowires by Sulfite-Induced for Enhancing Electrocatalytic Hydrogen Evolution. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 2243-2251	9.5	13
326	Co-CoO/ZnFeO encapsulated in carbon nanowires derived from MOFs as electrocatalysts for hydrogen evolution. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 561, 620-628	9.3	12
325	Synthesis of polymeric ionic liquids microspheres/Pd nanoparticles/CeO <sub>2</sub> core-shell structure catalyst for catalytic oxidation of benzyl alcohol. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2020</b> , 107, 161-170	5.3	13
324	Flower-like CoS architectures@polyaniline organic-inorganic heterostructured composites: Preparation and enhanced microwave absorption performance. <i>Composites Science and Technology</i> , <b>2020</b> , 200, 108403	8.6	23
323	Engineering water splitting sites in three-dimensional flower-like CoNiB/MoS <sub>2</sub> heterostructural hybrid spheres for accelerating electrocatalytic oxygen and hydrogen evolution. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 22181-22190	13	21
322	Controllable preparation of Ni-CeO <sub>2</sub> nanoparticles anchored on Al-Mg oxide spheres (AMO) by hydrophobic driving mechanism for dehydrogenative homo-coupling of pyridines. <i>Journal of Catalysis</i> , <b>2020</b> , 390, 90-102	7.3	1
321	The study of industrializable ionic liquid catalysts for long-chain alkenes Friedel-Crafts alkylation. <i>Applied Organometallic Chemistry</i> , <b>2020</b> , 34, e5878	3.1	3
320	The catalytic performance study of polymerized ionic liquid synthesized in different conditions on alkylation of o-Xylene with styrene. <i>Applied Organometallic Chemistry</i> , <b>2019</b> , 33, e5186	3.1	

319	Well-designed cobalt-nickel sulfide microspheres with unique peapod-like structure for overall water splitting. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 556, 401-410	9.3	21
318	Self-Assembled 3D Flower-like Composites of Heterobimetallic Phosphides and Carbon for Temperature-Tailored Electromagnetic Wave Absorption. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 38361-38371	9.5	53
317	Highly dispersed Pd nanoparticles hybridizing with 3D hollow-sphere g-C <sub>3</sub> N <sub>4</sub> to construct 0D/3D composites for efficient photocatalytic hydrogen evolution. <i>Journal of Catalysis</i> , <b>2019</b> , 378, 331-340	7.3	34
316	Mesoporous cobalt-iron-organic frameworks: a plasma-enhanced oxygen evolution electrocatalyst. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 3090-3100	13	57
315	Ni <sub>2</sub> O hydroxide nanosheets on plasma-reduced Co-based metal-organic nanocages for electrocatalytic water oxidation. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 4950-4959	13	42
314	Synthesis and characterization of a supported ionic-liquid phase catalyst with a dual-mesoporous structure derived from poly(ionic liquids) and P123. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 2899-2907	3.6	0
313	Stable poly (ionic liquids) with unique cross-linked mesoporous-macroporous structure as efficient catalyst for alkylation of o-xylene and styrene. <i>Applied Organometallic Chemistry</i> , <b>2019</b> , 33, e4979	3.1	8
312	Carbon doped honeycomb-like graphitic carbon nitride for photocatalytic hydrogen production. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 552, 728-734	9.3	21
311	Poly(ionic liquid)-Assisted Synthesis of Open-Ended Carbon Nitride Tube for Efficient Photocatalytic Hydrogen Evolution under Visible-Light Irradiation. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 10095-10104	8.3	17
310	Interface Coupling of Ni <sub>2</sub> O Layered Double Hydroxide Nanowires and Cobalt-Based Zeolite Organic Frameworks for Efficient Overall Water Splitting. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 8255-8264	8.3	25
309	Bio-template synthesis of Mo-doped polymer carbon nitride for photocatalytic hydrogen evolution. <i>Applied Catalysis B: Environmental</i> , <b>2019</b> , 248, 44-53	21.8	56
308	Synthesis of graphitic carbon nitride with large specific surface area via copolymerizing with nucleobases for photocatalytic hydrogen generation. <i>Applied Surface Science</i> , <b>2019</b> , 463, 1-8	6.7	20
307	High Catalytic Performance of Mesoporous Dual Brønsted Acidic Ternary Poly (Ionic Liquids) for Friedel-Crafts Alkylation. <i>Applied Organometallic Chemistry</i> , <b>2019</b> , 33, e5180	3.1	3
306	Anchoring ultrafine PtNi nanoparticles on N-doped graphene for highly efficient hydrogen evolution reaction. <i>Catalysis Science and Technology</i> , <b>2019</b> , 9, 4961-4969	5.5	12
305	Snail shell-shaped chiral substituted helical polyacetylene: preparation, characterization and infrared emissivity performance. <i>Journal of Materials Science</i> , <b>2019</b> , 54, 14243-14254	4.3	1
304	Preparation of cyclonic Co <sub>3</sub> O <sub>4</sub> /Au/mesoporous SiO <sub>2</sub> catalysts with core-shell structure for solvent-free oxidation of benzyl alcohol. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2019</b> , 102, 448-455	5.3	3
303	Fabrication of mesoporous SiO <sub>2</sub> /Au/Co <sub>3</sub> O <sub>4</sub> hollow spheres catalysts with core-shell structure for liquid phase oxidation of benzyl alcohol to benzaldehyde. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2019</b> , 103, 138-148	5.3	3
302	H <sub>3</sub> PW <sub>12</sub> O <sub>40</sub> /mpg-C <sub>3</sub> N <sub>4</sub> as an efficient and reusable catalyst in the alkylation of o-xylene and styrene. <i>Applied Organometallic Chemistry</i> , <b>2019</b> , 33, e5129	3.1	4

301	Two dimensional metal-organic frameworks-derived leaf-like CoS/CdS composite for enhancing photocatalytic water evolution. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 554, 39-47	9.3	14
300	In situ hydrothermal synthesis of polysiloxane@3D flower-like hollow Mg Al LDH microspheres with superior light diffusing properties for optical diffusers. <i>Applied Clay Science</i> , <b>2019</b> , 171, 92-99	5.2	11
299	Functional mesoporous poly (ionic liquid) derived from P123: From synthesis to catalysis and alkylation of styrene and o-xylene. <i>Applied Organometallic Chemistry</i> , <b>2019</b> , 33, e4719	3.1	1
298	CdS nanospheres hybridized with graphitic C3N4 for effective photocatalytic hydrogen generation under visible light irradiation. <i>Applied Organometallic Chemistry</i> , <b>2019</b> , 33, e4671	3.1	8
297	Preparation and characterization of UV-curable fluorine-silicon block urethane acrylates for application in release films. <i>Progress in Organic Coatings</i> , <b>2019</b> , 129, 171-177	4.8	6
296	Electromagnetic wave absorption properties in the centimetre-band of Ti3C2Tx MXenes with diverse etching time. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2018</b> , 29, 8078-8088	2.1	25
295	Sn <sup>2+</sup> -Doped Double-Shelled TiO <sub>2</sub> Hollow Nanospheres with Minimal Pt Content for Significantly Enhanced Solar H <sub>2</sub> Production. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2018</b> , 6, 7128-7137	8.3	13
294	Structure regulation of ZnS@g-C <sub>3</sub> N <sub>4</sub> /TiO <sub>2</sub> nanospheres for efficient photocatalytic H <sub>2</sub> production under visible-light irradiation. <i>Chemical Engineering Journal</i> , <b>2018</b> , 346, 226-237	14.7	64
293	Enhanced mechanical properties of silica nanoparticle-covered cross-linking graphene oxide filled thermoplastic polyurethane composite. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 3069-3077	3.6	25
292	Hierarchical TiO <sub>2</sub> nanosheet-assembled nanotubes with dual electron sink functional sites for efficient photocatalytic degradation of rhodamine B. <i>Applied Organometallic Chemistry</i> , <b>2018</b> , 32, e4204	3.1	3
291	One-pot synthesis of K-doped g-C <sub>3</sub> N <sub>4</sub> nanosheets with enhanced photocatalytic hydrogen production under visible-light irradiation. <i>Applied Surface Science</i> , <b>2018</b> , 440, 258-265	6.7	110
290	CdS nanosphere-decorated hollow polyhedral ZCO derived from a metal-organic framework (MOF) for effective photocatalytic water evolution. <i>Nanoscale</i> , <b>2018</b> , 10, 4463-4474	7.7	57
289	Novel synthesis of Fe <sub>2</sub> O <sub>3</sub> @Pt ellipsoids coated by double-shelled La <sub>2</sub> O <sub>3</sub> as a catalyst for the reduction of 4-nitrophenol. <i>Applied Organometallic Chemistry</i> , <b>2018</b> , 32, e4208	3.1	4
288	Fabrication and characterization of double-shelled CeO <sub>2</sub> -La <sub>2</sub> O <sub>3</sub> /Au/Fe <sub>3</sub> O <sub>4</sub> hollow architecture as a recyclable and highly thermal stability nanocatalyst. <i>Applied Organometallic Chemistry</i> , <b>2018</b> , 32, e4201	3.1	1
287	Alkylation of O-xylene and styrene catalyzed by cross-linked poly acidic ionic liquids catalyst with novel mesoporous-macroporous structure. <i>Applied Catalysis A: General</i> , <b>2018</b> , 552, 138-146	5.1	16
286	Morphology-controlled fabrication of biomorphic alumina-based hierarchical LDH compounds for propane dehydrogenation reaction. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 103-110	3.6	6
285	Fabrication of sandwich-structured g-C <sub>3</sub> N <sub>4</sub> /Au/BiOCl Z-scheme photocatalyst with enhanced photocatalytic performance under visible light irradiation. <i>Journal of Materials Science</i> , <b>2018</b> , 53, 6008-6020	6.2	23
284	Tunable infrared radiation properties of hybrid films co-assembled with semiconductor quantum chips and exfoliated ultra-thin LDH nanosheets. <i>Journal of Alloys and Compounds</i> , <b>2018</b> , 751, 215-223	5.7	8

283	Infrared emissivity property study and conformational analysis of helical polysilane. <i>Journal of Applied Polymer Science</i> , <b>2018</b> , 135, 46335	2.9	3
282	A novel thermal exfoliation strategy for the fabrication of high-quality Ag/TiO <sub>2</sub> nanosnowman nanoparticles with enhanced photocatalytic properties. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 6168-6174	3.6	3
281	Hybridizing polypyrrole chains with laminated and two-dimensional Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> toward high-performance electromagnetic wave absorption. <i>Applied Surface Science</i> , <b>2018</b> , 434, 283-293	6.7	96
280	Synthesis of core-shell and hollow structured dual-mesoporous silica templated by alkoxy-silyl-functionalized ionic liquids and CTAB. <i>Materials Letters</i> , <b>2018</b> , 211, 126-129	3.3	10
279	Template-free hydrothermal synthesis of 3D flower-like hollow Mg-Al layered double hydroxides microspheres for high-performance optical diffusers. <i>Materials Letters</i> , <b>2018</b> , 211, 343-347	3.3	10
278	Facile one-step synthesis of hollow mesoporous g-C <sub>3</sub> N <sub>4</sub> spheres with ultrathin nanosheets for photoredox water splitting. <i>Carbon</i> , <b>2018</b> , 126, 247-256	10.4	153
277	Reactable polyelectrolyte-assisted preparation of flower-like Ag/AgCl/BiOCl composite with enhanced photocatalytic activity. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2018</b> , 350, 94-102	4.7	31
276	Facile fabrication of ZnO/N-doped helical carbon nanotubes composites with enhanced photocatalytic activity toward organic pollutant degradation. <i>Applied Organometallic Chemistry</i> , <b>2018</b> , 32, e3966	3.1	8
275	Facile Synthesis of Self-Assembled g-C <sub>3</sub> N <sub>4</sub> with Abundant Nitrogen Defects for Photocatalytic Hydrogen Evolution. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2018</b> , 6, 10200-10210	8.3	58
274	Three-dimensional flower-like phosphorus-doped g-C <sub>3</sub> N <sub>4</sub> with a high surface area for visible-light photocatalytic hydrogen evolution. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 16485-16494	13	96
273	Highly Cuboid-Shaped Heterobimetallic Metal-Organic Frameworks Derived from Porous Co/ZnO/C Microrods with Improved Electromagnetic Wave Absorption Capabilities. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 29136-29144	9.5	178
272	Synthesis of Amphiphilic Copolymers Containing Ciprofloxacin and Amine Groups and Their Antimicrobial Performances As Revealed by Confocal Laser-Scanning Microscopy and Atomic-Force Microscopy. <i>Journal of Agricultural and Food Chemistry</i> , <b>2018</b> , 66, 8406-8414	5.7	4
271	The Catalytic Performance Study of Chloroaluminate Ionic Liquids on Long-Chain Alkenes Alkylation. <i>Energy &amp; Fuels</i> , <b>2018</b> , 32, 9763-9771	4.1	7
270	Hollow Ni-Co layered double hydroxides-derived NiCo-alloy@g-C <sub>3</sub> N <sub>4</sub> microtubule with high-performance microwave absorption. <i>Materials Letters</i> , <b>2018</b> , 231, 171-174	3.3	34
269	Linear-Dendritic Block Copolymer Containing Fluorescent Groups: An Effective and Environmentally Benign Inhibitor for Calcium Carbonate. <i>Tenside, Surfactants, Detergents</i> , <b>2018</b> , 55, 56-64	1	1
268	The investigation of Ag decorated double-wall hollow TiO <sub>2</sub> spheres as photocatalyst. <i>Applied Organometallic Chemistry</i> , <b>2018</b> , 32, e4160	3.1	7
267	Rational Construction of TiCT /Co-MOF-Derived Laminated Co/TiO-C Hybrids for Enhanced Electromagnetic Wave Absorption. <i>Langmuir</i> , <b>2018</b> , 34, 15854-15863	4	53
266	Ionic liquid-assisted synthesis of porous BiOBr microspheres with enhanced visible light photocatalytic performance. <i>Applied Organometallic Chemistry</i> , <b>2018</b> , 32, e4596	3.1	7

265	MPEC-IMI as an effective green inhibitor to protect Q235 steel in 0.5 M HCl medium. <i>Research on Chemical Intermediates</i> , <b>2018</b> , 44, 5833-5855	2.8	2
264	Three-Dimensional Hierarchical Architecture of the TiO <sub>2</sub> /Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> /RGO Ternary Composite Aerogel for Enhanced Electromagnetic Wave Absorption. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2018</b> , 6, 8212-8222	8.3	82
263	Preparation of disk-like Pt/CeO <sub>2</sub> -p-TiO <sub>2</sub> catalyst derived from MIL-125(Ti) for excellent catalytic performance. <i>Applied Organometallic Chemistry</i> , <b>2018</b> , 32, e4395	3.1	9
262	Hierarchical Honeycomb Br-, N-Codoped TiO with Enhanced Visible-Light Photocatalytic H <sub>2</sub> Production. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 18796-18804	9.5	42
261	Self-Assembled Mesoporous Carbon Nitride with Tunable Texture for Enhanced Visible-Light Photocatalytic Hydrogen Evolution. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2018</b> , 6, 8291-8299	8.3	32
260	A novel strategy to construct Ti-Si mixed oxides shell for yolk@shell Pt nanocatalyst. <i>Materials Letters</i> , <b>2017</b> , 188, 172-175	3.3	4
259	Optically active tyrosine-containing poly(N-propargylamides): Synthesis, helical conformation, and infrared emissivity study. <i>Journal of Applied Polymer Science</i> , <b>2017</b> , 134,	2.9	1
258	A novel hierarchical TiO <sub>2</sub> @Pt@mSiO <sub>2</sub> hollow nanocatalyst with enhanced thermal stability. <i>Journal of Alloys and Compounds</i> , <b>2017</b> , 701, 780-787	5.7	19
257	Preparation and Evaluation of a Polyether-Based Polycarboxylate as a Kind of Inhibitor for Water Systems. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2017</b> , 56, 2624-2633	3.9	16
256	Synthesis and characterization of hollow ZrO(2)TiO(2)/Au spheres as a highly thermal stability nanocatalyst. <i>Journal of Colloid and Interface Science</i> , <b>2017</b> , 497, 23-32	9.3	23
255	Microwave absorption and infrared emissivity of helical polyacetylene@multiwalled carbon nanotubes composites. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2017</b> , 28, 8601-8610	2.1	20
254	Fabrication of Ellipsoidal Silica Yolk-Shell Magnetic Structures with Extremely Stable Au Nanoparticles as Highly Reactive and Recoverable Catalysts. <i>Langmuir</i> , <b>2017</b> , 33, 2698-2708	4	18
253	Double-Shelled TiO Hollow Spheres Assembled with TiO Nanosheets. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 4336-4343	4.8	22
252	Synthesis of NiO-TiO <sub>2</sub> hybrids/mSiO <sub>2</sub> yolk-shell architectures embedded with ultrasmall gold nanoparticles for enhanced reactivity. <i>Applied Surface Science</i> , <b>2017</b> , 412, 616-626	6.7	18
251	Synthesis of double-shell hollow magnetic Au-loaded ellipsoids as highly active and recoverable nanoreactors. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 4448-4457	3.6	6
250	Synthesis of ordered mesoporous LaO-ZrO composites with encapsulated Pt NPs and the effect of La-doping on catalytic activity. <i>Journal of Colloid and Interface Science</i> , <b>2017</b> , 503, 178-185	9.3	31
249	Preparation of porous CuO nanosheet-liked structure (CuO-NS) using C <sub>3</sub> N <sub>4</sub> template with enhanced visible-light photoactivity in degradation of chlortetracycline. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2017</b> , 346, 168-176	4.7	12
248	Synthesis of novel ultrasmall Au-loaded magnetic SiO <sub>2</sub> /carbon yolk-shell ellipsoids as highly reactive and recoverable nanocatalysts. <i>Carbon</i> , <b>2017</b> , 121, 602-611	10.4	27

247	Synthesis, helicity, and low infrared emissivity of optically active poly(N-propargylamide)s bearing stigmasteryl moieties. <i>Journal of Molecular Structure</i> , <b>2017</b> , 1142, 285-292	3.4	4
246	Synthesis and characterization of porous TiO <sub>2</sub> -NS/Pt/GO aerogel: A novel three-dimensional composite with enhanced visible-light photoactivity in degradation of chlortetracycline. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2017</b> , 346, 1-9	4.7	23
245	Double-hydrophilic block copolymer as an effective and green scale inhibitor in industrial recycling water systems. <i>Water Science and Technology: Water Supply</i> , <b>2017</b> , 17, 1193-1200	1.4	2
244	Fabrication and microwave absorption of multiwalled carbon nanotubes anchored with CoS nanoplates. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2017</b> , 28, 7622-7632	2.1	19
243	Linear-dendritic block copolymers as a green scale inhibitor for calcium carbonate in cooling water systems. <i>Designed Monomers and Polymers</i> , <b>2017</b> , 20, 397-405	3.1	7
242	Ionic liquid-assisted photochemical synthesis of ZnO/Ag <sub>2</sub> O heterostructures with enhanced visible light photocatalytic activity. <i>Applied Surface Science</i> , <b>2017</b> , 410, 344-353	6.7	26
241	Self-Assembly Hierarchical Silica Nanotubes with Vertically Aligned Silica Nanorods and Embedded Platinum Nanoparticles. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2017</b> , 5, 1578-1585	8.3	15
240	Ionic liquid-assisted synthesis of highly dispersive bowknot-like ZnO microrods for photocatalytic applications. <i>Applied Surface Science</i> , <b>2017</b> , 400, 269-276	6.7	15
239	Reactable Polyelectrolyte-Assisted Synthesis of BiOCl with Enhanced Photocatalytic Activity. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2017</b> , 5, 1416-1424	8.3	76
238	Solvothermal fabrication of CoS nanoparticles anchored on reduced graphene oxide for high-performance microwave absorption. <i>Synthetic Metals</i> , <b>2017</b> , 224, 46-55	3.6	46
237	Protic ionic liquid triggered self-assembly structural transition of CTAB for inducing silica spheres with radially oriented mesochannels. <i>Journal of Porous Materials</i> , <b>2017</b> , 24, 899-904	2.4	1
236	Ionic liquid-assisted synthesis of Br-modified g-C <sub>3</sub> N <sub>4</sub> semiconductors with high surface area and highly porous structure for photoredox water splitting. <i>Journal of Power Sources</i> , <b>2017</b> , 370, 106-113	8.9	47
235	Preparation of TiO <sub>2</sub> /ZrO <sub>2</sub> /Au/CeO <sub>2</sub> hollow sandwich-like nanostructures for excellent catalytic activity and thermal stability. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 13472-13482	3.6	9
234	Facile microwave approach to controllable boron nitride quantum dots. <i>Journal of Materials Science</i> , <b>2017</b> , 52, 13522-13532	4.3	18
233	Enhanced visible light photocatalytic performance of g-C <sub>3</sub> N <sub>4</sub> /CuS p-n heterojunctions for degradation of organic dyes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2017</b> , 348, 168-178	4.7	42
232	Helical polysilane coating onto hollow spherical indium oxide: Fabrication, characterization and infrared emissivity property study. <i>Journal of Alloys and Compounds</i> , <b>2017</b> , 727, 318-325	5.7	2
231	Synthesis of organosiloxane-coated SiO <sub>2</sub> /CeO <sub>2</sub> with multilayered hierarchical structure and its application in optical diffusers. <i>Journal of Materials Science</i> , <b>2017</b> , 52, 12806-12817	4.3	13
230	Maleic anhydride-allylpolyethoxy carboxylate copolymer as an effective and environmentally benign inhibitor for calcium carbonate in industrial cooling systems. <i>RSC Advances</i> , <b>2017</b> , 7, 24723-24729	3.7	5



229	A novel strategy to fabricate a hierarchical NiAl LDH platinum nanocatalyst with enhanced thermal stability. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 8837-8844	3.6	5
228	Novel heterostructural Fe <sub>2</sub> O <sub>3</sub> CeO <sub>2</sub> /Au/carbon yolk-shell magnetic ellipsoids assembled with ultrafine Au nanoparticles for superior catalytic performance. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2017</b> , 81, 65-76	5.3	7
227	In-situ formation of supported Au nanoparticles in hierarchical yolk-shell CeO/mSiO structures as highly reactive and sinter-resistant catalysts. <i>Journal of Colloid and Interface Science</i> , <b>2017</b> , 488, 196-206	9.3	27
226	Zirconium incorporated micro/mesoporous silica solid acid catalysts for alkylation of o-xylene with styrene. <i>Journal of Porous Materials</i> , <b>2017</b> , 24, 109-120	2.4	5
225	Acrylic acid-allyl polyethoxy carboxylate copolymer as a environmentally friendly scale inhibitor (part II). <i>Clean Technologies and Environmental Policy</i> , <b>2017</b> , 19, 917-924	4.3	3
224	In-situ construction of Au nanoparticles confined in double-shelled TiO <sub>2</sub> /mSiO <sub>2</sub> hollow architecture for excellent catalytic activity and enhanced thermal stability. <i>Applied Surface Science</i> , <b>2017</b> , 392, 36-45	6.7	18
223	Preparation and Application of Double-Hydrophilic Copolymer as Scale and Corrosion Inhibitor for Industrial Water Recycling. <i>Tenside, Surfactants, Detergents</i> , <b>2017</b> , 54, 467-478	1	
222	In situ doping of Pt active sites via Sn in double-shelled TiO <sub>2</sub> hollow nanospheres with enhanced photocatalytic H <sub>2</sub> production efficiency. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 11089-11096	3.6	22
221	Synthesis of glutamic-modified polyether copolymer as a novel non-phosphorous inhibitor for calcium carbonate scales in cooling water systems. <i>Desalination and Water Treatment</i> , <b>2016</b> , 57, 19206-19215		2
220	The synthesis of new coke-resistant support and its application in propane dehydrogenation to propene. <i>Journal of Chemical Technology and Biotechnology</i> , <b>2016</b> , 91, 1072-1081	3.5	14
219	Carboxylate-Terminated Double-Hydrophilic Block Copolymer as an Effective Inhibitor for Carbonate and Sulphate Scales. <i>Tenside, Surfactants, Detergents</i> , <b>2016</b> , 53, 235-242	1	2
218	Preparation of magnetically recoverable gold nanocatalysts with a highly reactive and enhanced thermal stability. <i>Journal of Alloys and Compounds</i> , <b>2016</b> , 688, 23-31	5.7	11
217	Preparation of porous g-C <sub>3</sub> N <sub>4</sub> /Ag/Cu <sub>2</sub> O: a new composite with enhanced visible-light photocatalytic activity. <i>Applied Organometallic Chemistry</i> , <b>2016</b> , 30, 932-938	3.1	23
216	Self-assembly of hollow spherical nanocatalysts with encapsulated Pt NPs and the effect of Ce-dipping on catalytic activity. <i>RSC Advances</i> , <b>2016</b> , 6, 70303-70310	3.7	8
215	Synthesis of a hollow CeO <sub>2</sub> /Au/C hierarchical nanostructure for high catalytic activity and recyclability. <i>RSC Advances</i> , <b>2016</b> , 6, 100427-100436	3.7	4
214	Solvothermal synthesis of flower-like CoS hollow microspheres with excellent microwave absorption properties. <i>RSC Advances</i> , <b>2016</b> , 6, 100392-100400	3.7	33
213	Preparation of a phosphorous-free terpolymer as a decalcifying agent for removing calcium from crude oil. <i>RSC Advances</i> , <b>2016</b> , 6, 58426-58433	3.7	1
212	Preparation of platinum nanoparticles immobilized on ordered mesoporous Co <sub>3</sub> O <sub>4</sub> @TeO <sub>2</sub> composites and their enhanced catalytic activity. <i>RSC Advances</i> , <b>2016</b> , 6, 67173-67183	3.7	15

211	Inhibition of calcium carbonate and sulfate scales by a non-phosphorus terpolymer AA-APEY-AMPS. <i>Desalination and Water Treatment</i> , <b>2016</b> , 57, 1977-1987		9
210	Optical diffusers based on the novel fillers of polysiloxane@boehmite core-shell microspheres. <i>Materials Letters</i> , <b>2016</b> , 165, 107-110	3.3	15
209	Optically active polyurethane based on tyrosine: synthesis, characterization and study of hydrogen bonding. <i>Polymer Journal</i> , <b>2016</b> , 48, 807-812	2.7	8
208	Synthesis of Pt Nanoparticles Anchored on Polyamidoamine-Modified Hollow Silica Nanospheres for Catalytic Reduction of p-Nitrophenol. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , <b>2016</b> , 26, 702-710	3.2	1
207	Propane dehydrogenation over Ce-containing ZSM-5 supported platinum <sub>II</sub> catalysts: Ce concentration effect and reaction performance analysis. <i>RSC Advances</i> , <b>2016</b> , 6, 29410-29422	3.7	21
206	Facile Fabrication of Hierarchical Flower-Like BSA/Layered Double Hydroxide Hybrids. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , <b>2016</b> , 46, 1485-1488		1
205	Amphiphilic cationic copolymers with ciprofloxacin: preparation and antimicrobial activities. <i>New Journal of Chemistry</i> , <b>2016</b> , 40, 1354-1364	3.6	10
204	The properties of nano(ZnO-CeO <sub>2</sub> )@polysiloxane core-shell microspheres and their application for fabricating optical diffusers. <i>Applied Surface Science</i> , <b>2016</b> , 365, 166-170	6.7	17
203	Synthesis and characterization of a multifunctional nanocatalyst based on a novel type of binary-metal-oxide-coated Fe <sub>3</sub> O <sub>4</sub> @Au nanoparticle. <i>RSC Advances</i> , <b>2016</b> , 6, 18685-18694	3.7	12
202	Synthesis of acrylic acid-allylpolyethoxy amino carboxylate copolymer and its application for removing calcium from crude oil. <i>RSC Advances</i> , <b>2016</b> , 6, 24786-24791	3.7	1
201	Nanocasting synthesis of an ordered mesoporous CeO <sub>2</sub> -supported Pt nanocatalyst with enhanced catalytic performance for the reduction of 4-nitrophenol. <i>RSC Advances</i> , <b>2016</b> , 6, 730-739	3.7	22
200	Fluorescent-tagged block copolymer as an effective and green inhibitor for calcium sulfate scales. <i>Russian Journal of Applied Chemistry</i> , <b>2016</b> , 89, 1861-1868	0.8	6
199	Ultrasonic/microwave synergistic synthesis of well-dispersed hierarchical zeolite Y with improved alkylation catalytic activity. <i>Korean Journal of Chemical Engineering</i> , <b>2016</b> , 33, 1931-1937	2.8	8
198	Design of micro-mesoporous zeolite catalysts for alkylation. <i>RSC Advances</i> , <b>2016</b> , 6, 50630-50639	3.7	15
197	Dispersed gold nanoparticles supported in the pores of flower-like macrocellular siliceous foams based on an ionic liquid as catalysts for reduction. <i>RSC Advances</i> , <b>2016</b> , 6, 48757-48766	3.7	5
196	Self-assembly structural transition of protic ionic liquids and P123 for inducing hierarchical porous materials. <i>RSC Advances</i> , <b>2016</b> , 6, 35076-35085	3.7	7
195	Enhanced adsorption of fluoride from aqueous solutions by hierarchically structured Mg-Al LDHs/Al <sub>2</sub> O <sub>3</sub> composites. <i>Korean Journal of Chemical Engineering</i> , <b>2016</b> , 33, 720-725	2.8	10
194	One-step synthesis of core-shell structured mesoporous silica spheres templated by protic ionic liquid and CTAB. <i>Materials Letters</i> , <b>2016</b> , 178, 35-38	3.3	17

193	One-step synthesis of hierarchical aluminosilicates using alkoxy-functionalized ionic liquid as a novel template. <i>New Journal of Chemistry</i> , <b>2016</b> , 40, 6036-6045	3.6	4
192	Helical polysilane wrapping onto carbon nanotube: preparation, characterization and infrared emissivity property study. <i>RSC Advances</i> , <b>2016</b> , 6, 7439-7447	3.7	7
191	Preparation of a Multifunctional Terpolymer Inhibitor for CaCO <sub>3</sub> and BaSO <sub>4</sub> in Oil Fields. <i>Tenside, Surfactants, Detergents</i> , <b>2016</b> , 53, 148-156	1	6
190	Double-Hydrophilic Block Copolymer as an Environmentally Friendly Inhibitor for Calcium Sulfate Dehydrate (Gypsum) Scale in Cooling Water Systems. <i>Tenside, Surfactants, Detergents</i> , <b>2016</b> , 53, 37-46	1	1
189	Structure and catalytic properties of the Zn-modified ZSM-5 supported platinum catalyst for propane dehydrogenation. <i>Chemical Engineering Journal</i> , <b>2015</b> , 270, 352-361	14.7	74
188	Laterally-uniform Mn <sub>3</sub> O <sub>4</sub> colloidal nanosheets: oriented growth and size-controlled synthesis. <i>RSC Advances</i> , <b>2015</b> , 5, 26181-26184	3.7	1
187	Effects of soft segments on the waterproof of anionic waterborne polyurethane. <i>Colloid and Polymer Science</i> , <b>2015</b> , 293, 875-881	2.4	28
186	Preparation, characterization and application of soluble TiO <sub>2</sub> @SiO <sub>2</sub> nanospheres by a simple modified sol-gel procedure. <i>Journal of Sol-Gel Science and Technology</i> , <b>2015</b> , 74, 181-186	2.3	6
185	Optical diffusers with enhanced properties based on novel polysiloxane@CeO <sub>2</sub> @PMMA fillers. <i>Journal of Materials Chemistry C</i> , <b>2015</b> , 3, 2223-2230	7.1	42
184	Influence of pseudo-boehmite binder modified dealuminated mordenite on Friedel-Crafts alkylation. <i>Journal of Porous Materials</i> , <b>2015</b> , 22, 179-185	2.4	4
183	Facile fabrication of a mpg-C <sub>3</sub> N <sub>4</sub> /TiO <sub>2</sub> heterojunction photocatalyst with enhanced visible light photoactivity toward organic pollutant degradation. <i>RSC Advances</i> , <b>2015</b> , 5, 64976-64982	3.7	26
182	A 3D hierarchical magnetic Fe@Pt/Ti(OH) <sub>4</sub> nanoarchitecture for sinter-resistant catalyst. <i>RSC Advances</i> , <b>2015</b> , 5, 64951-64960	3.7	12
181	A highly reactive and enhanced thermal stability nanocomposite catalyst based on Pt nanoparticles assembled in the inner surface of mesoporous SiO <sub>2</sub> spherical shell. <i>Powder Technology</i> , <b>2015</b> , 284, 387-395	5.2	11
180	Catalytic structure and reaction performance of PtSnK/ZSM-5 catalyst for propane dehydrogenation: influence of impregnation strategy. <i>Journal of Materials Science</i> , <b>2015</b> , 50, 6457-6468	4.3	15
179	Synthesis of a hierarchical SiO <sub>2</sub> /Au/CeO <sub>2</sub> rod-like nanostructure for high catalytic activity and recyclability. <i>RSC Advances</i> , <b>2015</b> , 5, 34549-34556	3.7	16
178	Development and Evaluation of an Environmentally Friendly Calcium Carbonate and Calcium Sulfate Scales Inhibitor. <i>Tenside, Surfactants, Detergents</i> , <b>2015</b> , 52, 155-162	1	2
177	Acrylic Acid-Allylpolyethoxy Carboxylate Copolymer: An Effective and Environmentally Friendly Inhibitor for Carbonate and Sulphate Scales in Cooling Water Systems. <i>International Journal of Green Energy</i> , <b>2015</b> , 12, 1151-1158	3	1
176	Synergic effects of a protic ionic liquid on P123 mixed micelles for inducing hierarchical porous materials. <i>RSC Advances</i> , <b>2015</b> , 5, 53267-53274	3.7	6

175	CeO <sub>2</sub> hollow nanospheres synthesized by a one pot template-free hydrothermal method and their application as catalyst support. <i>RSC Advances</i> , <b>2015</b> , 5, 58237-58245	3.7	22
174	Fabrication of porous g-C <sub>3</sub> N <sub>4</sub> /Ag/Fe <sub>2</sub> O <sub>3</sub> composites with enhanced visible light photocatalysis performance. <i>RSC Advances</i> , <b>2015</b> , 5, 58738-58745	3.7	50
173	Synthesis of Ce-doped mesoporous alumina with enhanced catalytic performance for propane dehydrogenation. <i>Journal of Materials Science</i> , <b>2015</b> , 50, 3984-3993	4.3	19
172	Facile Photochemical Synthesis of Au/Pt/g-C <sub>3</sub> N <sub>4</sub> with Plasmon-Enhanced Photocatalytic Activity for Antibiotic Degradation. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 9630-7	9.5	472
171	Synthesis of micro/mesoporous silica material by dual-template method as a heterogeneous catalyst support for alkylation. <i>RSC Advances</i> , <b>2015</b> , 5, 28124-28132	3.7	16
170	Facile synthesis of ZnO nanocomposites with enhanced photocatalytic activity. <i>New Journal of Chemistry</i> , <b>2015</b> , 39, 1852-1857	3.6	29
169	Enhanced visible-light photocatalytic activity of Ag <sub>2</sub> O/g-C <sub>3</sub> N <sub>4</sub> p-n heterojunctions synthesized via a photochemical route for degradation of tetracycline hydrochloride. <i>RSC Advances</i> , <b>2015</b> , 5, 40000-40006	3.7	35
168	Performance of an environmentally friendly anti-scalant in CaSO <sub>4</sub> scale inhibition. <i>Desalination and Water Treatment</i> , <b>2015</b> , 53, 8-14		14
167	Synthesis, characterization and antimicrobial activities of water-soluble amphiphilic copolymers containing ciprofloxacin and quaternary ammonium salts. <i>Journal of Materials Chemistry B</i> , <b>2015</b> , 3, 3704-3713	7.3	20
166	In situ fabrication and infrared emissivity properties of oriented LDHs films on Al substrates. <i>RSC Advances</i> , <b>2015</b> , 5, 82415-82420	3.7	10
165	Hierarchical structures based on gold nanoparticles embedded into hollow ceria spheres and mesoporous silica layers with high catalytic activity and stability. <i>New Journal of Chemistry</i> , <b>2015</b> , 39, 9372-9379	3.6	21
164	Synthesis of dendrimer-templated Pt nanoparticles immobilized on mesoporous alumina for p-nitrophenol reduction. <i>New Journal of Chemistry</i> , <b>2015</b> , 39, 9942-9950	3.6	21
163	Facile one-step synthesis of micro/mesoporous material with ordered bimodal mesopores templated by protic ionic liquid as a heterogeneous catalyst support for alkylation. <i>Journal of Porous Materials</i> , <b>2015</b> , 22, 1407-1416	2.4	13
162	Au-loaded porous graphitic C <sub>3</sub> N <sub>4</sub> /graphene layered composite as a ternary plasmonic photocatalyst and its visible-light photocatalytic performance. <i>RSC Advances</i> , <b>2015</b> , 5, 88249-88257	3.7	62
161	Investigation of calcium carbonate precipitation in the presence of fluorescent-tagged scale inhibitor for cooling water systems. <i>Desalination and Water Treatment</i> , <b>2015</b> , 53, 3491-3498		7
160	Controlled fabrication of hierarchical MgAl <sub>2</sub> O <sub>4</sub> spinel/carbon fiber composites by crystal growth and calcination processes. <i>Ceramics International</i> , <b>2015</b> , 41, 12504-12508	5.1	7
159	Templated fabrication of biomorphic alumina-based ceramics with hierarchical structure. <i>Journal of the European Ceramic Society</i> , <b>2015</b> , 35, 1337-1341	6	11
158	Preparation of a low-phosphorous terpolymer as a scale, corrosion inhibitor, and dispersant for ferric oxide. <i>Journal of Applied Polymer Science</i> , <b>2015</b> , 132, n/a-n/a	2.9	8

157	Synthesis, helical conformation, and infrared emissivity property study of optically active substituted polyacetylenes derived from serine. <i>Journal of Applied Polymer Science</i> , <b>2015</b> , 132,	2.9	7
156	Facile synthesis of Ag <sub>2</sub> O/N-doped helical carbon nanotubes with enhanced visible-light photocatalytic activity. <i>RSC Advances</i> , <b>2015</b> , 5, 3122-3129	3.7	11
155	Morphology-controlled fabrication of hierarchical LDH/C microspheres derived from rape pollen grain. <i>Applied Clay Science</i> , <b>2015</b> , 103, 67-70	5.2	15
154	Preparation and application of a phosphorous free and nonnitrogen scale inhibitor in industrial cooling water systems. <i>Frontiers of Environmental Science and Engineering</i> , <b>2015</b> , 9, 545-553	5.8	13
153	Evaluating the performance of PEG-based scale inhibition and dispersion agent in cooling water systems. <i>Desalination and Water Treatment</i> , <b>2015</b> , 56, 1309-1320		5
152	Enhanced catalytic activity with high thermal stability based on multiple Au cores in the interior of mesoporous SiO <sub>2</sub> shells. <i>RSC Advances</i> , <b>2015</b> , 5, 48187-48193	3.7	18
151	An UV-curable epoxy acrylate oligomer with high refractive index containing fluorene: Preparation, characterization, and application. <i>Journal of Applied Polymer Science</i> , <b>2015</b> , 132, n/a-n/a	2.9	4
150	Acrylic Acid-Allylpolyethoxy Carboxylate Copolymer as an Effective Inhibitor for Calcium Phosphate and Iron(III) Scales in Cooling Water Systems. <i>Clean - Soil, Air, Water</i> , <b>2015</b> , 43, 989-994	1.6	4
149	Novel design, facile synthesis and low infrared emissivity properties of single-handed helical polysilanes. <i>RSC Advances</i> , <b>2015</b> , 5, 88548-88555	3.7	8
148	Calcium sulfate precipitation studies with fluorescent-tagged scale inhibitor for cooling water systems. <i>Polymer Bulletin</i> , <b>2015</b> , 72, 2171-2188	2.4	13
147	Fabrication of core-shell structural SiO <sub>2</sub> @DNA@DH nanocomposite with low infrared emissivity. <i>Chemical Engineering Journal</i> , <b>2015</b> , 266, 199-202	14.7	14
146	Effects of the crystallization time on the synthesis of zeolite with flower-shaped crystals. <i>Materials Letters</i> , <b>2015</b> , 143, 261-264	3.3	2
145	Evaluation of a low-phosphorus terpolymer as calcium scales inhibitor in cooling water. <i>Desalination and Water Treatment</i> , <b>2015</b> , 55, 945-955		8
144	Preparation of Hierarchically Structured Layered Double Hydroxide Microspheres and Their Application in BSA Separation. <i>Journal of Dispersion Science and Technology</i> , <b>2015</b> , 36, 1059-1065	1.5	3
143	Synthesis of Ag/ZnO/C plasmonic photocatalyst with enhanced adsorption capacity and photocatalytic activity to antibiotics. <i>RSC Advances</i> , <b>2015</b> , 5, 18832-18840	3.7	44
142	A highly reactive and magnetic recyclable catalytic system based on AuPt nanoalloys supported on ellipsoidal Fe@SiO <sub>2</sub> . <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 4642-4651	13	53
141	Synthesis and characterization of Pt magnetic nanocatalysts with a TiO <sub>2</sub> or CeO <sub>2</sub> layer. <i>RSC Advances</i> , <b>2015</b> , 5, 12472-12479	3.7	15
140	Hydrothermal synthesis of ZnO@polysiloxane microspheres and their application in preparing optical diffusers. <i>RSC Advances</i> , <b>2015</b> , 5, 17064-17069	3.7	16

139	Study on Calcium Scales Inhibition Performance in the Presence of Double-Hydrophilic Copolymer. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , <b>2015</b> , 64, 205-213	3	6
138	Optically active SiO <sub>2</sub> /TiO <sub>2</sub> /polyacetylene multilayered nanospheres: Preparation, characterization, and application for low infrared emissivity. <i>Applied Surface Science</i> , <b>2014</b> , 288, 444-451	6.7	36
137	Synthesis of fluorescent-tagged scale inhibitor and evaluation of its calcium carbonate precipitation performance. <i>Desalination</i> , <b>2014</b> , 340, 1-10	10.3	45
136	Fabrication and characterization of optically active polyacetylene@WO <sub>3</sub> nanorodhybrids with low infrared emissivity. <i>Materials Letters</i> , <b>2014</b> , 120, 239-242	3.3	6
135	Adsorption of fluoride ions onto non-thermal plasma-modified CeO <sub>2</sub> /Al <sub>2</sub> O <sub>3</sub> composites. <i>Desalination and Water Treatment</i> , <b>2014</b> , 52, 3367-3376		14
134	Comparative study of bimetallic Pt-Sn catalysts supported on different supports for propane dehydrogenation. <i>Journal of Molecular Catalysis A</i> , <b>2014</b> , 381, 138-147		109
133	Bio-inspired fabrication of hierarchically porous MgAl composites for enhanced BSA adsorption properties. <i>Microporous and Mesoporous Materials</i> , <b>2014</b> , 188, 37-45	5.3	41
132	Preparation and Characterization of Polysiloxane@CeO <sub>2</sub> @PMMA Hybrid Nano/Microspheres via In Situ One-Pot Process. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , <b>2014</b> , 24, 1086-1097		5
131	Preparation of optically active polyurethane/TiO <sub>2</sub> /MnO <sub>2</sub> multilayered nanorods for low infrared emissivity. <i>Materials Letters</i> , <b>2014</b> , 133, 269-273	3.3	10
130	Preparation of optically active substituted polyacetylene@CdSe quantum dots composites and their application for low infrared emissivity. <i>Journal of Materials Science</i> , <b>2014</b> , 49, 7133-7142	4.3	3
129	Template-controlled fabrication of hierarchical porous ZnAl composites with tunable micro/nanostructures and chemical compositions. <i>CrystEngComm</i> , <b>2014</b> , 16, 1793	3.3	28
128	A facile route for the preparation of ZnO/C composites with high photocatalytic activity and adsorption capacity. <i>CrystEngComm</i> , <b>2014</b> , 16, 4478-4484	3.3	45
127	A highly reactive and enhanced thermal stability nanocomposite catalyst based on Au nanoparticles assembled in the inner surface of SiO <sub>2</sub> hollow nanotubes. <i>Dalton Transactions</i> , <b>2014</b> , 43, 11039-47	4.3	22
126	Synthesis and characterization of fluorinated polyimides derived from 1,4-bis-[4-amino-2-(trifluoromethyl)-phenoxy] benzene/tetrafluoride benzene. <i>Designed Monomers and Polymers</i> , <b>2014</b> , 17, 590-600	3.1	9
125	Photochemical synthesis of ZnO/Ag <sub>2</sub> O heterostructures with enhanced ultraviolet and visible photocatalytic activity. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 7272-7280	13	154
124	Anisotropic growth of SiO <sub>2</sub> and TiO <sub>2</sub> mixed oxides onto Au nanostructures: highly thermal stability and enhanced reaction activity. <i>RSC Advances</i> , <b>2014</b> , 4, 40078-40084	3.7	11
123	Synthesis and characterization of a novel Au nanocatalyst with increased thermal stability. <i>Dalton Transactions</i> , <b>2014</b> , 43, 1360-7	4.3	32
122	Encapsulation of Au nanoparticles with well-crystallized anatase TiO <sub>2</sub> mesoporous hollow spheres for increased thermal stability. <i>RSC Advances</i> , <b>2014</b> , 4, 7313	3.7	29

121	The novel optical diffusers based on the fillers of boehmite hollow microspheres. <i>Materials Letters</i> , <b>2014</b> , 136, 114-117	3.3	22
120	Preparation and properties of a polyether-based polycarboxylate as an antiscalant for gypsum. <i>Journal of Applied Polymer Science</i> , <b>2014</b> , 131, n/a-n/a	2.9	8
119	Coassembly of exfoliated Ni <sub>2</sub> LDHs nanosheets with DNA and infrared emissivity study. <i>Journal of Materials Science</i> , <b>2014</b> , 49, 6944-6951	4.3	8
118	Synthesis of magnesium-modified mesoporous Al <sub>2</sub> O <sub>3</sub> with enhanced catalytic performance for propane dehydrogenation. <i>Journal of Materials Science</i> , <b>2014</b> , 49, 5772-5781	4.3	22
117	Preparation and Characterization of Optically Active Polyacetylene@CdTe Quantum Dots Composites with Low Infrared Emissivity. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , <b>2014</b> , 24, 591-599	3.2	4
116	Preparation and Characterization of Micron-Sized PMMA/SiO <sub>2</sub> Composite Microspheres. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , <b>2014</b> , 24, 776-779	3.2	11
115	Synthesis and characterization of carbon nanotubes supported Au nanoparticles encapsulated in various oxide shells. <i>RSC Advances</i> , <b>2014</b> , 4, 51334-51341	3.7	16
114	Acetate-intercalated Ni <sub>2</sub> layered double hydroxides with low infrared emissivity: Synthesis, delamination and restacked to form the multilayer films. <i>Applied Surface Science</i> , <b>2014</b> , 288, 710-717	6.7	11
113	Two-dimensional ultrathin nanosheets of Ni <sub>2</sub> -layered double hydroxides prepared in water: enhanced performance for DNA adsorption. <i>RSC Advances</i> , <b>2014</b> , 4, 29968	3.7	14
112	Direct synthesis, characterization and catalytic application of SBA-15 mesoporous silica with heteropolyacid incorporated into their framework. <i>Microporous and Mesoporous Materials</i> , <b>2014</b> , 187, 7-13	5.3	49
111	Novel polysiloxane@CeO <sub>2</sub> -PMMA hybrid materials for mechanical application. <i>Materials Letters</i> , <b>2014</b> , 116, 150-153	3.3	10
110	Synthesis of immobilized heteropolyanion-based ionic liquids on mesoporous silica SBA-15 as a heterogeneous catalyst for alkylation. <i>RSC Advances</i> , <b>2014</b> , 4, 30697-30703	3.7	24
109	Optically active substituted polyacetylene@carbon nanotube hybrids: Preparation, characterization and infrared emissivity property study. <i>Journal of Solid State Chemistry</i> , <b>2014</b> , 216, 23-29	3.3	6
108	Fabrication of hierarchical nanostructured BSA/ZnO hybrid nanoflowers by a self-assembly process. <i>Materials Letters</i> , <b>2014</b> , 128, 227-230	3.3	10
107	Optically active amino acid-based polyacetylenes: Effect of tunable helical conformation on infrared emissivity property. <i>Reactive and Functional Polymers</i> , <b>2014</b> , 82, 17-24	4.6	5
106	Corrosion and Scale Inhibition Properties by Phosphate-free and Nitrogen-free Scale Inhibitor in Cooling Water System. <i>Tenside, Surfactants, Detergents</i> , <b>2014</b> , 51, 248-256	1	5
105	Preparation and Application of Fluorescent-tagged Inhibitor for Calcium Phosphate and Iron(III) Hydroxide Scales in Industrial Cooling Water Systems. <i>Tenside, Surfactants, Detergents</i> , <b>2014</b> , 51, 257-266	1	5
104	Preparation and evaluation of nonphosphate terpolymer as scale inhibitor and dispersant for Ca <sub>3</sub> (PO <sub>4</sub> ) <sub>2</sub> , BaSO <sub>4</sub> , and Iron (III) hydroxide scales. <i>Journal of Applied Polymer Science</i> , <b>2014</b> , 132, n/a-n/a	2.9	5

103	Preparation and Characterization of Acrylate Copolymers Modified by Fluorine and Silicon for Application in Release Films. <i>Polymer-Plastics Technology and Engineering</i> , <b>2014</b> , 53, 531-538		14
102	Synthesis, helicity, thermal stability, and low infrared emissivity of optically active polyacetylenes carrying tyrosine pendants. <i>Designed Monomers and Polymers</i> , <b>2014</b> , 17, 701-716	3.1	1
101	Novel paper-templated fabrication of hierarchically porous NiAl layered double hydroxides/Al <sub>2</sub> O <sub>3</sub> for efficient BSA separation. <i>Journal of Chemical Technology and Biotechnology</i> , <b>2014</b> , 89, 1705-1711	3.5	14
100	Double-hydrophilic polyether antiscalant used as a crystal growth modifier of calcium scales in cooling-water systems. <i>Journal of Applied Polymer Science</i> , <b>2014</b> , 131, n/a-n/a	2.9	7
99	A multicarboxyl antiscalant for calcium phosphate and calcium carbonate deposits in cooling water systems. <i>Desalination and Water Treatment</i> , <b>2014</b> , 52, 7258-7264		5
98	Fabrication of biomorphic Al <sub>2</sub> O <sub>3</sub> ceramics with hierarchical architectures by templating of cotton fibers. <i>Ceramics International</i> , <b>2014</b> , 40, 13703-13707	5.1	16
97	Ultrasound-assisted synthesis of nanosized hierarchical ZSM-5 and its catalytic performance as the support for heteropolyacid. <i>Journal of Porous Materials</i> , <b>2014</b> , 21, 241-249	2.4	8
96	Synthesis of core-shell-structured SBA-15@MgAl <sub>2</sub> O <sub>4</sub> with enhanced catalytic performance of propane dehydrogenation. <i>Journal of Materials Science</i> , <b>2014</b> , 49, 1170-1178	4.3	8
95	Synthesis and characterization of ternary-copolymer of soluble fluorinated polyimides based on 1,4-bis (4-amino-2-trifluoromethylphenoxy) benzene. <i>Journal of Applied Polymer Science</i> , <b>2013</b> , 128, 80-88	2.9	8
94	A spontaneous dissolution approach to carbon coated TiO <sub>2</sub> hollow composite spheres with enhanced visible photocatalytic performance. <i>Applied Surface Science</i> , <b>2013</b> , 286, 344-350	6.7	21
93	Enhanced fluoride removal from water by non-thermal plasma modified CeO <sub>2</sub> /MgFe layered double hydroxides. <i>Applied Clay Science</i> , <b>2013</b> , 72, 117-123	5.2	57
92	Novel multifunctional microspheres of polysiloxane@CeO <sub>2</sub> -PMMA: Optical properties and their application in optical diffusers. <i>Optical Materials</i> , <b>2013</b> , 36, 271-277	3.3	30
91	Biomimetic fabrication of hierarchically structured LDHs/ZnO composites for the separation of bovine serum albumin. <i>Chemical Engineering Journal</i> , <b>2013</b> , 219, 278-285	14.7	32
90	Carboxylate-Terminated Double-Hydrophilic Block Copolymer Containing Fluorescent Groups: An Effective and Environmentally Friendly Inhibitor for Calcium Carbonate Scales. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , <b>2013</b> , 62, 678-685	3	6
89	Well-crystallized mesoporous TiO <sub>2</sub> shells for enhanced photocatalytic activity: prepared by carbon coating and silica-protected calcination. <i>Dalton Transactions</i> , <b>2013</b> , 42, 5004-12	4.3	39
88	Bioinspired, direct synthesis of aqueous CdSe quantum dots for high-sensitive copper(II) ion detection. <i>Dalton Transactions</i> , <b>2013</b> , 42, 15411-20	4.3	25
87	Molecular design and synthesis of branched bichromophore-attached linear fluorinated polyimides for nonlinear optical applications. <i>Journal of Materials Science</i> , <b>2013</b> , 48, 3370-3377	4.3	6
86	Propane dehydrogenation over PtSnNa/La-doped Al <sub>2</sub> O <sub>3</sub> catalyst: Effect of La content. <i>Fuel Processing Technology</i> , <b>2013</b> , 111, 94-104	7.2	46



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84	Fluorescent-tagged maleic anhydride-allyl polyethoxy carboxylate copolymer as an environmentally benign inhibitor for calcium phosphate in industrial cooling systems. <i>Polymer Engineering and Science</i> , <b>2013</b> , 53, 1306-1313	2.3	1
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75	Immobilization of 12-Tungstophosphoric acid in alumina-grafted mesoporous LaSBA-15 and its catalytic activity for alkylation of o-xylene with styrene. <i>Microporous and Mesoporous Materials</i> , <b>2012</b> , 161, 25-32	5.3	15
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73	Preparation and characterization of lactate-intercalated CoFe layered double hydroxides and exfoliated nanosheet film with low infrared emissivity. <i>Applied Surface Science</i> , <b>2012</b> , 263, 132-138	6.7	29
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62	Influence of Lanthanum Addition on Catalytic Properties of PtSnK/Al <sub>2</sub> O <sub>3</sub> Catalyst for Isobutane Dehydrogenation. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2011</b> , 50, 4280-4285	3.9	23
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3	Synthesis of a novel macrocyclic dinuclear iron(III) complex and its electrochemical behaviour on an ultramicrodisc platinum electrode. <i>Transition Metal Chemistry</i> , <b>1997</b> , 22, 347-349	2.1	2
2	Ti <sub>3</sub> C <sub>2</sub> Quantum Dots Modified 3D/2D TiO <sub>2</sub> /g-C <sub>3</sub> N <sub>4</sub> S-Scheme Heterostructures for Highly Efficient Photocatalytic Hydrogen Evolution. <i>ACS Applied Energy Materials</i> ,	6.1	5
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