Qiwu Zhang

List of Publications by Year in Descending Order

138 papers	3,186 citations	32 h-index	48 g-index
140 ext. papers	3,728 ext. citations	6 avg, IF	5.68 L-index

#	Paper	IF	Citations
138	Mechanochemical synthesis of bismuth-based anion exchange materials to immobilize arsenic pollution - Prospects for advanced treatment of anion-containing wastewater. *Journal of Cleaner Production*, **2022**, 340, 130747	10.3	1
137	Facile synthesis of CaMn1-xFexO3 to incorporate Fe(IV) at high ratio in perovskite structure for efficient in situ adsorption-oxidation of As(III). *Chemical Engineering Journal*, **2022**, 435, 134894	14.7	2
136	Mechanically activated calcium carbonate and zero-valent iron composites for one-step treatment of multiple pollutants.. *Environmental Science and Pollution Research*, **2022**, 29, 27421	5.1	0
135	Mechanochemically incorporating magnesium sulfate into antigorite to provide active nucleation sites for efficient precipitation of cadmium ions from weak acidic solution. *Journal of Hazardous Materials*, **2022**, 424, 127272	12.8	2
134	Promoted removal of phosphate by layered double hydroxides combined with bacteria: Application of novel carriers in biofilm reactor.. *Bioresource Technology*, **2022**, 349, 126879	11	0
133	Enhanced removal of fluoride from water through precise regulation of active aluminum phase using CaCO.. *Environmental Science and Pollution Research*, **2022**, 1	5.1	0
132	Ion exchange to immobilize Cd(II) at neutral pH into silicate matrix prepared by co-grinding kaolinite with calcium compounds.. *Chemosphere*, **2022**, 134677	8.4	0
131	Struvite crystallization by using active serpentine: An innovative application for the economical and efficient recovery of phosphorus from black water. *Water Research*, **2022**, 118678	12.5	0
130	Mechanochemical Remediation of Fluoranthene Contaminated Soil and Biotoxicity Evaluation.. *Environmental Technology (United Kingdom)*, **2021**, 1-23	2.6	
129	Efficient removal of lead impurity for the purification and recycling of nickel from secondary sources based on ball-milling activated CaCO3. *Journal of Environmental Chemical Engineering*, **2021**, 9, 106737	6.8	0
128	Mechanochemically synthesized Fe-Mn binary oxides for efficient As(III) removal: Insight into the origin of synergy action from mutual Fe and Mn doping. *Journal of Hazardous Materials*, **2021**, 424, 127708	12.8	0
127	High-performance nickel/iron catalysts for oxygen evolution in pH-near-neutral borate electrolyte synthesized by mechanochemical approach. *Journal of Alloys and Compounds*, **2021**, 898, 162845	5.7	1
126	Use of posnjakite containing sludge as catalyst for decoloring dye via photo-Fenton-like process. *Journal of Cleaner Production*, **2021**, 293, 126184	10.3	9
125	Efficient separation of smithsonite and cerussite via mechanical ball milling-triggered selective leaching in the aqueous solution containing Pb chloride or Pb nitrate. *Hydrometallurgy*, **2021**, 202, 105589	4	2
124	Mechanical activation of zero-valent iron (ZVI) in the presence of CaCO3: Improved reactivity of ZVI for enhancing As(III) removal from water. *Journal of Cleaner Production*, **2021**, 286, 124926	10.3	19
123	Effect of grinding aids and process parameters on dry fine grinding of polytetrafluoroethylene. *Powder Technology*, **2021**, 386, 1-8	5.2	1
122	Phosphate removal from aqueous solution by electrochemical coupling siderite packed column. *Chemosphere*, **2021**, 280, 130805	8.4	3

121	Enhanced arsenic removal from water by mechanochemical synthesis of CaAlFe ternary composites. *Journal of Cleaner Production*, **2021**, 321, 128959	10.3	4
120	Mechanically activated zero-valent silicon by coating silica to decolorize Acid Red 73 dye. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2021**, 626, 127020	5.1	1
119	Mechanochemical disproportionation reaction of sulfur on Bi2O3 to synthesize Bi2O2S for simultaneous removals of Cu2+ and Cl- from waste solution. *Journal of Environmental Chemical Engineering*, **2021**, 9, 106096	6.8	1
118	In-situ mechanochemical fabrication of p-n Bi2MoO6/CuBi2O4 heterojunctions with efficient visible light photocatalytic performance. *Journal of Alloys and Compounds*, **2021**, 882, 160681	5.7	13
117	Mechanochemical Activation of Phlogopite to Enhance its Capacity as Absorbent for the Removal of Heavy Metal Ions. *Water, Air, and Soil Pollution*, **2021**, 232, 1	2.6	2
116	Mechanochemical Preparation of Mineral Based Adsorbent and Its Effective Purification Ability for Wastewater. *KONA Powder and Particle Journal*, **2021**, 38, 155-167	3.4	1
115	Effect of Silica on Pyrene-Contaminated Soil Subjected to Mechanochemical Remediation. *Industrial & Engineering Chemistry Research*, **2021**, 60, 18513-18518	3.9	
114	Efficient heterogeneous precipitation and separation of iron in copper-containing solution using dolomite. *Separation and Purification Technology*, **2020**, 248, 117021	8.3	5
113	Efficient separation of Zn(II) from Cd(II) in sulfate solution by mechanochemically activated serpentine. *Chemosphere*, **2020**, 258, 127275	8.4	7
112	Activating Bi2O3 by ball milling to induce efficiently oxygen vacancy for incorporating iodide anions to form BiOI. *Chemical Physics*, **2020**, 533, 110739	2.3	12
111	Cogrinding with alkaline metal salts to enhance the reactivity of silicate mineral to serve as silicon fertilizer. *Chemical Physics Letters*, **2020**, 747, 137347	2.5	1
110	Mechanochemical synthesis of a Z-scheme Bi2WO6/CuBi2O4 heterojunction and its visible-light photocatalytic degradation of ciprofloxacin. *Journal of Alloys and Compounds*, **2020**, 845, 156291	5.7	24
109	Activating CaCO to enhance lead removal from lead-zinc solution to serve as green technology for the purification of mine tailings. *Chemosphere*, **2020**, 249, 126227	8.4	19
108	Selective recovery of heavy metals from wastewater by mechanically activated calcium carbonate: Inspiration from nature. *Chemosphere*, **2020**, 246, 125842	8.4	11
107	Mechanochemical immobilization of lead contaminated soil by ball milling with the additive of Ca(HPO). *Chemosphere*, **2020**, 247, 125963	8.4	6
106	Mechanochemical Preparation of a HPO-Based Solid Catalyst for Heterogeneous Hydrolysis of Cellulose. *ACS Omega*, **2020**, 5, 29971-29977	3.9	2
105	Mechanochemical leaching of Zn from low-grade smithsonite using Fe2(SO4)3 solution. *Hydrometallurgy*, **2020**, 198, 105497	4	3
104	Mechanochemical synthesis of novel Pt modified ZnAl-LDH for effective ciprofloxacin photodegradation. *Journal of Solid State Chemistry*, **2020**, 290, 121594	3.3	12

103	Utilization of carbonate-based tailings to remove Pb(II) from wastewater through mechanical activation. *Science of the Total Environment*, **2020**, 698, 134270	10.2	9
102	Mechanochemical syntheses of a series of bismuth oxyhalide composites to progressively enhance the visible-light responsive activities for the degradation of bisphenol-A. *Materials Science in Semiconductor Processing*, **2020**, 105, 104733	4.3	10
101	Co-precipitation with CaCO to remove heavy metals and significantly reduce the moisture content of filter residue. *Chemosphere*, **2020**, 239, 124660	8.4	18
100	Effects of Mixed Surfactant on Enhancing High Concentration Anthracene and Pyrene Removal from Contaminated Soil. *Water, Air, and Soil Pollution*, **2019**, 230, 1	2.6	3
99	Mechanochemical synthesis of BiSI and Bi19S27I3 semiconductor materials. *Advanced Powder Technology*, **2019**, 30, 1985-1988	4.6	11
98	Formation of active zero-valent iron by simple co-grinding with CaCO3 to protect fresh active surface for efficient removal of hexavalent chromium. *Applied Surface Science*, **2019**, 490, 81-88	6.7	14
97	Enhanced arsenic removal from water and easy handling of the precipitate sludge by using FeSO with CaCO to Ca(OH). *Chemosphere*, **2019**, 231, 134-139	8.4	21
96	Effect of anions species on copper removal from wastewater by using mechanically activated calcium carbonate. *Chemosphere*, **2019**, 230, 127-135	8.4	27
95	Formation of active Fe(OH)3 in situ for enhancing arsenic removal from water by the oxidation of Fe(II) in air with the presence of CaCO3. *Journal of Cleaner Production*, **2019**, 227, 1-9	10.3	34
94	Mechanochemical Syntheses of Oxygen-Rich Bismuth Oxychlorides BixOyClz to Enhance Ciprofloxacin Degradation Under Visible Light Irradiation. *Catalysis Letters*, **2019**, 149, 2247-2255	2.8	14
93	Calcium chloride addition to overcome the barriers for synthesizing new Ca-Ti layered double hydroxide by mechanochemistry. *Applied Clay Science*, **2019**, 173, 29-34	5.2	8
92	Rapid Cr(VI) reduction and immobilization in contaminated soil by mechanochemical treatment with calcium polysulfide. *Chemosphere*, **2019**, 227, 657-661	8.4	29
91	Efficient Pb removal through the formations of (basic) carbonate precipitates from different sources during wet stirred ball milling with CaCO. *Science of the Total Environment*, **2019**, 664, 53-59	10.2	20
90	Efficient As(III) removal directly as basic iron arsenite by in-situ generated Fe(III) hydroxide from ferrous sulfate on the surface of CaCO3. *Applied Surface Science*, **2019**, 493, 569-576	6.7	14
89	Efficient removal of iron(II) from manganese sulfate solution by using mechanically activated CaCO3. *Hydrometallurgy*, **2019**, 188, 169-173	4	9
88	High efficient coagulant simply by mechanochemically activating kaolinite with sulfuric acid to enhance removal efficiency of various pollutants for wastewater treatment. *Applied Clay Science*, **2019**, 180, 105187	5.2	8
87	Removal of Cu(II) from wastewater by using mechanochemically activated carbonate-based tailings through chemical precipitation. *Environmental Science and Pollution Research*, **2019**, 26, 35198-35207	5.1	6
86	Phenols removal from water by precursor preparation for Mg Al layered double hydroxide: Isotherm, kinetic and mechanism. *Materials Chemistry and Physics*, **2019**, 221, 108-117	4.4	18

85	Mechanochemical syntheses of bismuth oxybromides BixOyBrz as visible-light responsive photocatalyts for the degradation of bisphenol A. *Journal of Solid State Chemistry*, **2019**, 270, 458-462	3.3	10
84	Mechanochemical activation of antigorite to provide active magnesium for precipitating cesium from the existences of potassium and sodium. *Applied Clay Science*, **2019**, 168, 223-229	5.2	15
83	Augmented hydrogen production by gasification of ball milled polyethylene with Ca(OH)2 and Ni(OH)2. *Frontiers of Environmental Science and Engineering*, **2019**, 13, 1	5.8	4
82	Applications of Mechanochemically Prepared Layered Double Hydroxides as Adsorbents and Catalysts: A Mini-Review. *Nanomaterials*, **2019**, 9,	5.4	22
81	Mechanochemical pre-treatment for viable recycling of plastic waste containing haloorganics. *Waste Management*, **2018**, 75, 181-186	8.6	31
80	Mechanochemical transformation of apatite to phosphoric slow-release fertilizer and soluble phosphate. *Chemical Engineering Research and Design*, **2018**, 114, 91-96	5.5	15
79	Enhanced adsorption of potassium nitrate with potassium cation on H 3 PO 4 modified kaolinite and nitrate anion into Mg-Al layered double hydroxide. *Applied Clay Science*, **2018**, 154, 10-16	5.2	21
78	Mechanochemical synthesis of novel heterostructured Bi2S3/Zn-Al layered double hydroxide nano-particles as efficient visible light reactive Z-scheme photocatalysts. *Applied Surface Science*, **2018**, 452, 123-133	6.7	44
77	Enhanced visible light photocatalytic activity of the mechanochemically prepared nanosized Zn x Cd 1-x S/Zn-Al layered double hydroxide precursor heterojunctions. *Applied Clay Science*, **2018**, 151, 201-210	5.2	26
76	Mechanochemical synthesis of CdS/MgAl LDH-precursor as improved visible-light driven photocatalyst for organic dye. *Applied Clay Science*, **2018**, 163, 265-272	5.2	34
75	Antibacterial activity of the sediment of copper removal from wastewater by using mechanically activated calcium carbonate. *Journal of Cleaner Production*, **2018**, 203, 1019-1027	10.3	23
74	Mechanochemical activation of phlogopite to directly produce slow-release potassium fertilizer. *Applied Clay Science*, **2018**, 165, 77-81	5.2	17
73	Enhanced phosphate removal from wastewater by using in situ generated fresh trivalent Fe composition through the interaction of Fe(II) on CaCO. *Journal of Environmental Management*, **2018** , 221, 38-44	7.9	16
72	One-step mechanochemical synthesis of plasmonic Ag/ZnAl LDH with excellent photocatalytic activity. *Journal of Materials Science*, **2018**, 53, 12795-12806	4.3	34
71	Mechanochemical treatment of Cr(VI) contaminated soil using a sodium sulfide coupled solidification/stabilization process. *Chemosphere*, **2018**, 212, 540-547	8.4	30
70	Adding ZnO and SiO2 to scatter the agglomeration of mechanochemically prepared Zn-Al LDH precursor and promote its adsorption toward methyl orange. *Journal of Alloys and Compounds*, **2018**, 763, 342-348	5.7	14
69	Separation of Cu(II) from Cd(II) in sulfate solution using CaCO3 and FeSO4 based on mechanochemical activation. *RSC Advances*, **2017**, 7, 2002-2008	3.7	13
68	Mechanochemical synthesis of Cu-Al and methyl orange intercalated Cu-Al layered double hydroxides. *Materials Chemistry and Physics*, **2017**, 191, 173-180	4.4	17

67	Fabrication and Characterization of High-Quality Perovskite Films with Large Crystal Grains. *Journal of Physical Chemistry Letters*, **2017**, 8, 720-726	6.4	14
66	Mechanochemical destruction of perfluorinated pollutants and mechanosynthesis of lanthanum oxyfluoride: A Waste-to-Materials process. *Chemical Engineering Journal*, **2017**, 316, 1078-1090	14.7	32
65	Aluminous Minerals for Caustic Processing of Scheelite Concentrate. *Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science*, **2017**, 48, 1908-1914	2.5	1
64	Surface modification of basic copper carbonate by mechanochemical processing with sulfur and ammonium sulfate. *Advanced Powder Technology*, **2017**, 28, 1877-1881	4.6	14
63	Mechanochemical synthesis of ultrafine ZnS/Zn-Al layered double hydroxide heterojunction and their photocatalytic activities in dye degradation. *Applied Clay Science*, **2017**, 144, 115-120	5.2	51
62	Mechanochemical processing K 2 CO 3 /Cs 2 CO 3 -cellulose and kaolinite for the formation of water-insoluble Cs-compound. *Chemical Engineering Research and Design*, **2017**, 107, 480-485	5.5	7
61	A facile mechanochemical approach to synthesize Zn-Al layered double hydroxide. *Journal of Solid State Chemistry*, **2017**, 250, 1-5	3.3	22
60	Potassium fixation and the separation from sodium through the formation of K-alunite using activated aluminum hydroxide. *Separation Science and Technology*, **2017**, 52, 1862-1868	2.5	4
59	Mechanochemical activation of serpentine for recovering Cu (II) from wastewater. *Applied Clay Science*, **2017**, 149, 1-7	5.2	22
58	The mechanisms of improved chalcopyrite leaching due to mechanical activation. *Hydrometallurgy*, **2017**, 173, 149-155	4	19
57	Precursor preparation of ZnAl layered double hydroxide by ball milling for enhancing adsorption and photocatalytic decoloration of methyl orange. *RSC Advances*, **2017**, 7, 31466-31474	3.7	27
56	Efficient removal of copper from wastewater by using mechanically activated calcium carbonate. *Journal of Environmental Management*, **2017**, 203, 1-7	7.9	60
55	Mechanochemical synthesis of dodecyl sulfate anion (DS)intercalated Cu-Al layered double hydroxide. *Solid State Sciences*, **2017**, 74, 125-130	3.4	11
54	Precursor preparation for Ca-Al layered double hydroxide to remove hexavalent chromium coexisting with calcium and magnesium chlorides. *Journal of Solid State Chemistry*, **2017**, 245, 200-206	3.3	18
53	Synthesizing slow-release fertilizers via mechanochemical processing for potentially recycling the waste ferrous sulfate from titanium dioxide production. *Journal of Environmental Management*, **2017**, 186, 120-126	7.9	23
52	Separation of copper from nickel in sulfate solutions by mechanochemical activation with CaCO3. *Separation and Purification Technology*, **2017**, 172, 107-112	8.3	23
51	Mechanochemical processing of molybdenum and vanadium sulfides for metal recovery from spent catalysts wastes. *Waste Management*, **2017**, 60, 734-738	8.6	23
50	Decomposition pathways of polytetrafluoroethylene by co-grinding with strontium/calcium oxides. *Environmental Technology (United Kingdom)*, **2017**, 38, 1421-1427	2.6	3

49	Transforming Hematite into Magnetite Using Mechanochemical Approach as a Pretreatment of Oolitic Hematite. *Mineral Processing and Extractive Metallurgy Review*, **2017**, 38, 24-29	3.1	6
48	A Novel Model of Aggregate Gradation for Autoclaved Bricks from Tailings. *Minerals (Basel, Switzerland)*, **2017**, 7, 112	2.4	6
47	Precursor Preparation to Promote the Adsorption of Mg-Al Layered Double Hydroxide. *Journal of the American Ceramic Society*, **2016**, 99, 2882-2885	3.8	19
46	Synthesis of LiAl layered double hydroxides via a mechanochemical route. *Applied Clay Science*, **2016**, 120, 24-27	5.2	47
45	A new approach for hydrogen generation from sewage sludge. *Bioresource Technology*, **2016**, 201, 191-4	11	8
44	Mechanochemical approaches to synthesize layered double hydroxides: a review. *Applied Clay Science*, **2016**, 119, 185-192	5.2	111
43	Mechano-Hydrothermal Synthesis of Tetraborate Pillared LiAl Layered Double Hydroxides. *Journal of the American Ceramic Society*, **2016**, 99, 1151-1154	3.8	16
42	Effect of anion addition on the syntheses of CaAl layered double hydroxide via a two-step mechanochemical process. *Applied Clay Science*, **2016**, 124-125, 267-270	5.2	25
41	Mechanochemically extracting tungsten through caustic processing of scheelite by controlling calcium dissolution. *International Journal of Refractory Metals and Hard Materials*, **2016**, 58, 211-215	4.1	9
40	Simultaneous synthesis of ettringite and absorbate incorporation by aqueous agitation of a mechanochemically prepared precursor. *RSC Advances*, **2016**, 6, 35203-35209	3.7	11
39	Separation of copper from cobalt in sulphate solutions by using CaCO3. *Separation Science and Technology*, **2016**, 51, 2772-2779	2.5	7
38	Mechanochemical formation of KSiCaO compound as a slow-release fertilizer. *Powder Technology*, **2014**, 260, 22-26	5.2	22
37	Mechanochemical destruction of decabromodiphenyl ether into visible light photocatalyst BiOBr. *RSC Advances*, **2014**, 4, 14719-14724	3.7	31
36	High-purity hydrogen gas production by catalytic thermal decomposition using mechanochemical treatment. *International Journal of Hydrogen Energy*, **2014**, 39, 17554-17562	6.7	4
35	Destruction of perfluorooctane sulfonate (PFOS) and perfluorooctanoic acid (PFOA) by ball milling. *Environmental Science & Technology*, **2013**, 47, 6471-7	10.3	133
34	A review on mechanochemical syntheses of functional materials. *Advanced Powder Technology*, **2012**, 23, 523-531	4.6	79
33	Mechanochemical sulfidization of lead oxides by grinding with sulfur. *Powder Technology*, **2012**, 230, 63-66	5.2	32
32	Innovated application of mechanical activation to separate lead from scrap cathode ray tube funnel glass. *Environmental Science & Technology*, **2012**, 46, 4109-14	10.3	97

31	Mechanochemical synthesis of kaolinKH2PO4 and kaolinNH4H2PO4 complexes for application as slow release fertilizer. *Powder Technology*, **2011**, 212, 354-358	5.2	54
30	Mechanochemical Route for Synthesizing KMgPO4 and NH4MgPO4 for Application as Slow-Release Fertilizers. *Industrial & Engineering Chemistry Research*, **2010**, 49, 2213-2216	3.9	35
29	Mechanochemical Synthesis of Slow-Release Fertilizers through Incorporation of Alumina Composition into Potassium/Ammonium Phosphates. *Journal of the American Ceramic Society*, **2009**, 92, 3070-3073	3.8	21
28	Generation of hydrogen gas from polyethylene mechanically milled with Ni-doped layered double hydroxide. *Fuel Processing Technology*, **2009**, 90, 909-913	7.2	14
27	Generation of hydrogen from polyvinyl chloride by milling and heating with CaO and Ni(OH)2. *Journal of Hazardous Materials*, **2009**, 167, 1002-6	12.8	18
26	Correlation between mechanochemical reactivity forming ABO4-type complex oxides and the structures of product materials. *Powder Technology*, **2009**, 195, 40-43	5.2	8
25	Generation of high-purity hydrogen from cellulose by its mechanochemical treatment. *Bioresource Technology*, **2009**, 100, 3731-3	11	12
24	Mechanochemical synthesis of FeSbO4-based materials from FeOOH and Sb2O5 powders. *Powder Technology*, **2008**, 181, 281-284	5.2	9
23	Mechanochemical route for synthesizing nitrate form of layered double hydroxide. *Powder Technology*, **2008**, 185, 43-48	5.2	67
22	Hydrogen generation from polyethylene by milling and heating with Ca(OH)2 and Ni(OH)2. *International Journal of Hydrogen Energy*, **2008**, 33, 4097-4103	6.7	19
21	Improvement in the floatability of CuO by dry grinding with sulphur. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2007**, 302, 494-497	5.1	13
20	Preparation of meixnerite (Mg6Al2(OH) type layered double hydroxide by a mechanochemical route. *Journal of Materials Science*, **2007**, 42, 9210-9215	4.3	90
19	Mechanochemical decomposition of PVC by using La2O3 as additive. *Journal of Hazardous Materials*, **2006**, 137, 1226-30	12.8	33
18	Dependence of mechanochemically induced decomposition of mono-chlorobiphenyl on the occurrence of radicals. *Chemosphere*, **2005**, 60, 939-43	8.4	47
17	Synthesis of a Visible-Light Active TiO2Sx Photocatalyst by Means of Mechanochemical Doping. *Journal of the American Ceramic Society*, **2004**, 87, 1161-1163	3.8	76
16	Mechanochemical Synthesis of Lanthanum Aluminate by Grinding Lanthanum Oxide with Transition Alumina. *Journal of the American Ceramic Society*, **2004**, 83, 439-441	3.8	67
15	Co-grinding LiCoO2 with PVC and water leaching of metal chlorides formed in ground product. *International Journal of Mineral Processing*, **2004**, 74, S373-S378		83
14	Decomposition of Trichlorobenzene Isomers by Co-Grinding with CaO. *Bulletin of the Chemical Society of Japan*, **2003**, 76, 1919-1925	5.1	11

13	Mechanochemical Sulfidization of Nonferrous Metal Oxides by Grinding with Sulfur and Iron. *Industrial & Engineering Chemistry Research*, **2003**, 42, 5813-5818	3.9	48
12	Mechanochemical Dechlorination of Trichlorobenzene on Oxide Surfaces. *Journal of Physical Chemistry B*, **2003**, 107, 11091-11097	3.4	68
11	Debromination of hexabromobenzene by its co-grinding with CaO. *Chemosphere*, **2002**, 48, 787-93	8.4	58
10	Radicals in the Mechanochemical Dechlorination of Hazardous Organochlorine Compounds Using CaO Nanoparticles. *Bulletin of the Chemical Society of Japan*, **2001**, 74, 2303-2309	5.1	55
9	Decomposition of Polytetrafluoroethylene by Grinding with Strontium Oxide. *Chemistry Letters*, **2001**, 30, 148-149	1.7	20
8	Mechanochemical Synthesis of LaOX (X=Cl, Br) and Their Solid State Solutions. *Journal of Solid State Chemistry*, **2001**, 160, 469-473	3.3	51
7	Mechanochemical solid-phase reaction between polyvinylidene fluoride and sodium hydroxide. *Journal of Applied Polymer Science*, **2001**, 81, 2249-2252	2.9	30
6	Effects of quartz addition on the mechanochemical dechlorination of chlorobiphenyl by using CaO. *Environmental Science & Technology*, **2001**, 35, 4933-5	10.3	84
5	Mechanochemical synthesis of La0.7Sr0.3MnO3 by grinding constituent oxides. *Journal of Alloys and Compounds*, **2000**, 308, 121-125	5.7	43
4	Mechanochemical synthesis of LaMnO3 from La2O3 and Mn2O3 powders. *Journal of Alloys and Compounds*, **2000**, 297, 99-103	5.7	84
3	Non-thermal process for extracting rare earths from bastnaesite by means of mechanochemical treatment. *Hydrometallurgy*, **1998**, 47, 231-241	4	45
2	Enhancement of acid extraction of magnesium and silicon from serpentine by mechanochemical treatment. *Hydrometallurgy*, **1997**, 45, 323-331	4	58
1	Mechanochemical solid-phase reactions between alkaline earth metal sulfates and alkali metal hydroxides. *Advanced Powder Technology*, **1997**, 8, 129-136	4.6	5