Timothy J Mason

List of Publications by Year
in descending order

180	15,317	18436 62	19690 117
papers	citations	h-index	g-index

194	194	194	12689
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The uses of ultrasound in food technology. Ultrasonics Sonochemistry, 1996, 3, S253-S260.	3.8	830
2	Ultrasound in synthetic organic chemistry. Chemical Society Reviews, 1997, 26, 443.	18.7	659
3	Investigation of the effects of ultrasound on vegetal tissues during solvent extraction. Ultrasonics Sonochemistry, 2001, 8, 137-142.	3.8	505
4	Effect of ultrasound treatment on solubility and foaming properties of whey protein suspensions. Journal of Food Engineering, 2008, 86, 281-287.	2.7	428
5	Ultrasonically assisted extraction (UAE) and microwave assisted extraction (MAE) of functional compounds from plant materials. TrAC - Trends in Analytical Chemistry, 2017, 97, 159-178.	5.8	426
6	Microwave and ultrasonic processing: Now a realistic option for industry. Chemical Engineering and Processing: Process Intensification, 2010, 49, 885-900.	1.8	416
7	Quantifying sonochemistry: Casting some light on a â€˜black artâ€™. Ultrasonics, 1992, 30, 40-42.	2.1	407
8	Physical properties of ultrasound treated soy proteins. Journal of Food Engineering, 2009, 93, 386-393.	2.7	407
9	Sonochemistry. Part 1â€”The physical aspects. Chemical Society Reviews, 1987, 16, 239-274.	18.7	352
10	Dosimetry in sonochemistry: the use of aqueous terephthalate ion as a fluorescence monitor. Ultrasonics Sonochemistry, 1994, 1, S91-S95.	3.8	311
11	The development and evaluation of ultrasound for the treatment of bacterial suspensions. A study of frequency, power and sonication time on cultured Bacillus species. Ultrasonics Sonochemistry, 2003, 10, 315-318.	3.8	305
12	Effect of ultrasound treatment on particle size and molecular weight of whey proteins. Journal of Food Engineering, 2014, 121, 15-23.	2.7	297
13	Potential for the use of ultrasound in the extraction of antioxidants from Rosmarinus officinalis for the food and pharmaceutical industry. Ultrasonics Sonochemistry, 2004, 11, 261-265.	3.8	266
14	Sonochemistry and the environment â€“ Providing a â€œgreenâ€•link between chemistry, physics and engineering. Ultrasonics Sonochemistry, 2007, 14, 476-483.	3.8	259
15	Sonochemistry and sonoprocessing: the link, the trends and (probably) the future. Ultrasonics Sonochemistry, 2003, 10, 175-179.	3.8	247
16	Enhancement of ultrasonic cavitation yield by multi-frequency sonication. Ultrasonics Sonochemistry, 2002, 9, 231-236.	3.8	246
17	New evidence for the inverse dependence of mechanical and chemical effects on the frequency of ultrasound. Ultrasonics Sonochemistry, 2011, 18, 226-230.	3.8	241
18	The use of ultrasound for the extraction of bioactive principles from plant materials. Ultrasonics Sonochemistry, 1997, 4, 135-139.	3.8	233

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19	The extraction of rutin from flower buds of Sophora japonica. Ultrasonics Sonochemistry, 2001, 8, 299-301.	3.8	223
20	Ultrasound technology for food fermentation applications. Ultrasonics Sonochemistry, 2017, 34, 410-417.	3.8	222
21	Ultrasonic cleaning: An historical perspective. Ultrasonics Sonochemistry, 2016, 29, 519-523.	3.8	217
22	A review of research into the uses of low level ultrasound in cancer therapy. Ultrasonics Sonochemistry, 2004, 11, 95-103.	3.8	193
23	Sonochemistry. Part2â€"Synthetic applications. Chemical Society Reviews, 1987, 16, 275-311.	18.7	187
24	Chitosan and chitosanâ€"ZnO-based complex nanoparticles: formation, characterization, and antibacterial activity. Journal of Materials Chemistry B, 2013, 1, 1968.	2.9	187
25	Power ultrasound in meat processing. Meat Science, 2015, 107, 86-93.	2.7	186
26	Accelerated drying of button mushrooms, Brussels sprouts and cauliflower by applying power ultrasound and its rehydration properties. Journal of Food Engineering, 2007, 81, 88-97.	2.7	181
27	Potential uses of ultrasound in the biological decontamination of water. Ultrasonics Sonochemistry, 2003, 10, 319-323.	3.8	179
28	Sonoelectrochemistry. Ultrasonics, 1990, 28, 333-337.	2.1	175
29	Sonoelectrochemical Synthesis of Nanoparticles. Molecules, 2009, 14, 4284-4299.	1.7	159
30	Effect of ultrasound on the degradation of aqueous native dextran. Ultrasonics Sonochemistry, 1995, 2, S55-S57.	3.8	143
31	Sonochemistry: from research laboratories to industrial plants. Ultrasonics, 1992, 30, 203-212.	2.1	140
32	Evaluation of the mechanisms of the effect of ultrasound on Microcystis aeruginosa at different ultrasonic frequencies. Water Research, 2012, 46, 2851-2858.	5.3	128
33	Comparison of conventional and ultrasonically assisted extractions of pharmaceutically active compounds from Salvia officinalis. Ultrasonics Sonochemistry, 1997, 4, 131-134.	3.8	123
34	Pilot scale sonochemical coating of nanoparticles onto textiles to produce biocidal fabrics. Surface and Coatings Technology, 2009, 204, 718-722.	2.2	122
35	The development and evaluation of ultrasound in the biocidal treatment of water. Ultrasonics Sonochemistry, 1997, 4, 157-164.	3.8	121
36	The enhancement and scale up of the extraction of anti-oxidants from Rosmarinus officinalis using ultrasound. Ultrasonics Sonochemistry, 2009, 16, 287-292.	3.8	120

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37	Large scale sonochemical processing: aspiration and actuality. Ultrasonics Sonochemistry, 2000, 7, 145-149.	3.8	119
38	Therapeutic ultrasound an overview. Ultrasonics Sonochemistry, 2011, 18, 847-852.	3.8	119
39	Sonic and ultrasonic removal of chemical contaminants from soil in the laboratory and on a large scale. Ultrasonics Sonochemistry, 2004, 11, 205-210.	3.8	116
40	Assessing the effect of different ultrasonic frequencies on bacterial viability using flow cytometry. Journal of Applied Microbiology, 2011, 110, 862-870.	1.4	111
41	Industrial sonochemistry: potential and practicality. Ultrasonics, 1992, 30, 192-196.	2.1	104
42	Ultrasonic effect on physicochemical and functional properties of Î±-lactalbumin. LWT - Food Science and Technology, 2010, 43, 254-262.	2.5	100
43	Degradation of dye effluent. Pure and Applied Chemistry, 2001, 73, 1957-1968.	0.9	97
44	Effect of sonication frequency on the disruption of algae. Ultrasonics Sonochemistry, 2016, 31, 157-162.	3.8	97
45	Voltammetry in the presence of ultrasound: mass transport effects. Journal of Applied Electrochemistry, 1996, 26, 775-784.	1.5	90
46	The effects of ultrasound on cyanobacteria. Harmful Algae, 2011, 10, 738-743.	2.2	87
47	Ultrasonic technology for enhanced oil recovery from failing oil wells and the equipment for its implemention. Ultrasonics Sonochemistry, 2013, 20, 1289-1295.	3.8	87
48	Airborne ultrasound for the precipitation of smokes and powders and the destruction of foams. Ultrasonics Sonochemistry, 2006, 13, 107-116.	3.8	84
49	The sonochemical decolourisation of textile azo dye Orange II: Effects of Fenton type reagents and UV light. Ultrasonics Sonochemistry, 2014, 21, 846-853.	3.8	84
50	Ultrasound-assisted electrodeposition of nickel: Effect of ultrasonic power on the characteristics of thin coatings. Surface and Coatings Technology, 2015, 264, 49-59.	2.2	81
51	The effect of sonication on microbial disinfection using hypochlorite. Ultrasonics Sonochemistry, 2004, 11, 173-176.	3.8	79
52	A possible general mechanism for ultrasound-assisted extraction (UAE) suggested from the results of UAE of chlorogenic acid from Cynara scolymus L. (artichoke) leaves. Ultrasonics Sonochemistry, 2016, 31, 330-336.	3.8	79
53	Controlled protein release from microcapsules with composite shells using high frequency ultrasoundâ€"potential for in vivo medical use. Soft Matter, 2011, 7, 4341.	1.2	77
54	Dye effluent decolourisation using ultrasonically assisted electro-oxidation. Ultrasonics Sonochemistry, 2000, 7, 237-242.	3.8	76

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55	Effect of ultrasonic frequency and power on the disruption of algal cells. Ultrasonics Sonochemistry, 2015, 24, 165-171.	3.8	76
56	Developments in ultrasoundâ€"Non-medical. Progress in Biophysics and Molecular Biology, 2007, 93, 166-175.	1.4	72
57	Effect of ultrasonic frequency and power on algae suspensions. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2010, 45, 863-866.	0.9	71
58	The sonochemical coating of cotton withstands 65 washing cycles at hospital washing standards and retains its antibacterial properties. Cellulose, 2013, 20, 1215-1221.	2.4	67
59	Sonochemistry: current uses and future prospects in the chemical and processing industries. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 1999, 357, 355-369.	1.6	66
60	Ultrasonically assisted extraction of bioactive principles from plants and their constituents. Advances in Sonochemistry, 1999, , 209-247.	0.4	66
61	Enhancement of chemical reactivity by power ultrasound: an alternative interpretation of the hot spot. Ultrasonics, 1991, 29, 338-343.	2.1	65
62	An investigation into the ultrasonic treatment of polluted solids. Ultrasonics Sonochemistry, 1997, 4, 153-156.	3.8	64
63	Towards the industrial production of medicinal tincture by ultrasound assisted extraction. Ultrasonics Sonochemistry, 2001, 8, 111-117.	3.8	64
64	A sonochemical technology for coating of textiles with antibacterial nanoparticles and equipment for itsimplementation. Materials Letters, 2013, 96, 121-124.	1.3	64
65	Sonochemically enhanced Ullmann reactions. Ultrasonics, 1987, 25, 45-48.	2.1	63
66	Application of Ultrasound. , 2005, , 323-351.		63
67	Ultrasound-mediated DNA transfer for bacteria. Nucleic Acids Research, 2007, 35, e129-e129.	6.5	60
68	Sono-electrodeposition (20 and 850kHz) of copper in aqueous and deep eutectic solvents. Electrochimica Acta, 2008, 53, 4248-4256.	2.6	59
69	Sonochemical degradation of estradiols: Incidence of ultrasonic frequency. Chemical Engineering Journal, 2012, 210, 9-17.	6.6	59
70	Sonochemical approaches to enhanced oil recovery. Ultrasonics Sonochemistry, 2015, 25, 76-81.	3.8	59
71	Sonovoltammetry at platinum electrodes: surface phenomena and mass transport processes. Journal of Applied Electrochemistry, 1995, 25, 1083.	1.5	57
72	The development and evaluation of electrolysis in conjunction with power ultrasound for the disinfection of bacterial suspensions. Ultrasonics Sonochemistry, 2003, 10, 231-234.	3.8	55

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73	Use of ultrasound in chemical synthesis. Ultrasonics, 1986, 24, 245-253.	2.1	53
74	Enhancement of an Ullmann coupling reaction induced by ultrasound. Ultrasonics, 1986, 24, 292-293.	2.1	52
75	The effect of ultrasonic frequency and intensity upon limiting currents at rotating disc and stationary electrodes. Electrochimica Acta, 1996, 41, 2737-2741.	2.6	50
76	The effect of ultrasound upon the oxidation of thiosulphate on stainless steel and platinum electrodes. Ultrasonics Sonochemistry, 2002, 9, 267-274.	3.8	49
77	Ultrasonic, hydrodynamic and microwave biodiesel synthesis â€“ A comparative study for continuous process. Ultrasonics Sonochemistry, 2019, 57, 38-47.	3.8	45
78	The effect of ultrasound on the solvolysis of 2-chloro-2-methylpropane in aqueous ethanol. Tetrahedron, 1985, 41, 5201-5204.	1.0	43
79	The effect upon limiting currents and potentials of coupling a rotating disc and cylindrical electrode with ultrasound. Electrochimica Acta, 1998, 43, 449-455.	2.6	43
80	Ultrasound-enhanced mass transfer in Halal compared with non-Halal chicken. Journal of the Science of Food and Agriculture, 2011, 91, 130-133.	1.7	43
81	Enzymatic pre-treatment as a means of enhancing the antibacterial activity and stability of ZnO nanoparticles sonochemically coated on cotton fabrics. Journal of Materials Chemistry, 2012, 22, 10736.	6.7	43
82	The use of a microbubble agent to enhance rabbit liver destruction using high intensity focused ultrasound. Ultrasonics Sonochemistry, 2006, 13, 143-149.	3.8	41
83	Ultrasound Processing of Fluid Foods. , 2012, , 135-165.		40
84	Some neglected or rejected paths in sonochemistry â€“ A very personal view. Ultrasonics Sonochemistry, 2015, 25, 89-93.	3.8	39
85	Combined Effect of Ultrasound and Ozone on Bacteria in Water. Environmental Science & Technology, 2015, 49, 11697-11702.	4.6	39
86	Sonoelectrocatalytic decomposition of methylene blue using Ti/Ta2O5â€“SnO2 electrodes. Ultrasonics Sonochemistry, 2015, 23, 135-141.	3.8	38
87	Ultrasound: A Chemotherapy Sensitizer. Technology in Cancer Research and Treatment, 2006, 5, 51-60.	0.8	37
88	Ultrasound assisted dispersal of a copper nanopowder for electroless copper activation. Ultrasonics Sonochemistry, 2016, 29, 428-438.	3.8	37
89	Electrochemical behaviour of zinc in 20 kHz sonicated NaOH electrolytes. Ultrasonics Sonochemistry, 2001, 8, 291-298.	3.8	34
90	Enhanced extraction of tea solids using ultrasound. Ultrasonics, 1994, 32, 375-377.	2.1	32

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91	Enhancement of sonoluminescence emission from a multibubble cavitation zone. Ultrasonics Sonochemistry, 2000, 7, 19-24.	3.8	32
92	Sonochemical Enhancement of Phenylacetate Electrooxidation. Synthetic Communications, 1990, 20, 1843-1852.	1.1	30
93	The Applications of Ultrasound in Electroplating. Electrochemistry, 1999, 67, 924-930.	0.6	30
94	Electrocrystallization of lead dioxide: Analysis of the early stages of nucleation and growth. Electrochimica Acta, 2010, 55, 3572-3579.	2.6	29
95	Sonochemical hydrogenation over metal catalysts. Ultrasonics Sonochemistry, 1994, 1, S45-S46.	3.8	28
96	Sonoelectrochemical effects in electro-organic systems. Ultrasonics Sonochemistry, 2003, 10, 209-216.	3.8	28
97	Sonoelectrochemical degradation of formic acid using Ti/Ta 2 O 5 -SnO 2 electrodes. Journal of Molecular Liquids, 2016, 223, 388-394.	2.3	28
98	Effect of ultrasound on the solvolysis of 2-chloro-2-methylpropane in aqueous alcoholic solvents. Ultrasonics, 1987, 25, 23-28.	2.1	27
99	Ultrasonic enhancement of electrochemiluminescence. Electrochimica Acta, 1993, 38, 307-310.	2.6	27
100	New etching method of PVC plastic for plating by ultrasound. Journal of Applied Polymer Science, 1998, 68, 1411-1416.	1.3	27
101	The effect of ultrasound on the growth and viability of microalgae cells. Journal of Applied Phycology, 2014, 26, 1741-1748.	1.5	27
102	An introduction to sonochemistry. Endeavour, 1989, 13, 123-128.	0.1	26
103	Sonochemical enhancement of electrochemiluminescence. Ultrasonics, 1992, 30, 186-191.	2.1	26
104	Ultrasonically assisted catalytic decomposition of aqueous sodium hypochlorite. Ultrasonics Sonochemistry, 1996, 3, 53-55.	3.8	26
105	Ultrasonic stimulation of the brain to enhance the release of dopamine â€“ A potential novel treatment for Parkinsonâ€™s disease. Ultrasonics Sonochemistry, 2020, 63, 104955.	3.8	25
106	Ultrasound as a preservation technology. , 2003, , 303-337.		24
107	Influence of ultrasound on the Diels-Alder cyclization reaction: synthesis of some hydroquinone derivatives and lonapalene, an anti-psoriatic agent. Ultrasonics Sonochemistry, 1995, 2, S3-S4.	3.8	23
108	Some recent studies at Coventry University sonochemistry centre. Ultrasonics Sonochemistry, 1995, 2, S79-S86.	3.8	23

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109	Title is missing!. Journal of Applied Electrochemistry, 1999, 29, 1359-1366.	1.5	23
110	Dosimetry for power ultrasound and sonochemistry. Advances in Sonochemistry, 1996, , 1-73.	0.4	23
111	Sonoâ€“Soxhlet: In Situ Ultrasound-Assisted Extraction of Food Products. Food Analytical Methods, 2013, 6, 1229-1233.	1.3	22
112	Electrochemical study of silver thiosulphate reduction in the absence and presence of ultrasound. Ultrasonics Sonochemistry, 2005, 12, 7-11.	3.8	21
113	Can sonochemistry take place in the absence of cavitation? â€“ A complementary view of how ultrasound can interact with materials. Ultrasonics Sonochemistry, 2019, 52, 2-5.	3.8	21
114	Effect of ultrasound on the immunogenic corn cob xylan. Ultrasonics Sonochemistry, 1997, 4, 311-315.	3.8	20
115	Frequency Effects on the Surface Coverage of Nitrophenyl Films Ultrasonically Grafted onto Indium Tin Oxide. Langmuir, 2011, 27, 1853-1858.	1.6	20
116	Power ultrasonics for food processing. , 2015, , 815-843.		20
117	A comparison between the sonochemical and thermal reaction of 5H,5Cl-Dibenz[a,d]cycloheptatriene with nitrobenzene. Ultrasonics Sonochemistry, 2003, 10, 49-53.	3.8	19
118	Enrichment of edible oil with sea buckthorn byâ€products using ultrasoundâ€assisted extraction. European Journal of Lipid Science and Technology, 2012, 114, 453-460.	1.0	19
119	Extraction of silymarin from milk thistle (Silybum marianum) seedsÂâ€“Âa comparison of conventional and microwave-assisted extraction methods. Journal of Microwave Power and Electromagnetic Energy, 2017, 51, 124-133.	0.4	19
120	Influence of ultrasound frequency and power on lactose nucleation. Journal of Food Engineering, 2019, 249, 34-39.	2.7	19
121	A new reactor for process intensification involving the simultaneous application of adjustable ultrasound and microwave radiation. Ultrasonics Sonochemistry, 2021, 77, 105701.	3.8	19
122	Passivation phenomena during sonovoltammetric studies on copper in strongly alkaline solutions. Journal of Electroanalytical Chemistry, 2004, 568, 379-390.	1.9	17
123	Cytotoxicity Study of Textile Fabrics Impregnated With CuO Nanoparticles in Mammalian Cells. International Journal of Toxicology, 2017, 36, 478-484.	0.6	17
124	Practical Considerations for Process Optimization. , 1998, , 301-329.		17
125	The Reduction of Aromatic Aldehydes and Benzils by Sodium Formaldehyde Sulphoxylate. Synthetic Communications, 1989, 19, 529-535.	1.1	16
126	Sonochemical Reactions of Lead Tetracarboxylates with Styrene. Journal of Organic Chemistry, 1998, 63, 9561-9564.	1.7	16

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127	Application of UV radiation or electrochemistry in conjunction with power ultrasound for the disinfection of water. International Journal of Environment and Pollution, 2006, 27, 222.	0.2	16
128	Sonovoltammetric studies on copper in buffered alkaline solution. Ultrasonics Sonochemistry, 2004, 11, 223-226.	3.8	15
129	Ultrasonically improved galvanochemical technology for the remediation of industrial wastewater. Ultrasonics Sonochemistry, 2014, 21, 812-818.	3.8	15
130	Application of power ultrasound to cementitious materials: Advances, issues and perspectives. Materials and Design, 2018, 160, 503-513.	3.3	15
131	Ultrasonic enhancement of electrochemiluminescence from arylacetate electrooxidation. Ultrasonics Sonochemistry, 1994, 1, S23-S26.	3.8	14
132	The effect of ultrasound on the solvolysis of 2-chloro-2-methylpropane in aqueous alcoholic media. Tetrahedron Letters, 1982, 23, 5363-5364.	0.7	13
133	The O-Alkylation of 5-Hydroxy Chromones. A Comparison of Two Non-Classical Techniques, PTC in the Absence of Solvent and Sonochemical Activation in Polar Aprotic Solvents. Synthetic Communications, 1990, 20, 3411-3420.	1.1	13
134	A study of ovarian cancer biomarker amplification using ultrasound for early stage detection. Ultrasonics, 2014, 54, 451-454.	2.1	13
135	The Influence of Sonication on the Palladium-Catalyzed Dehydrogenation of Tetrahydronaphthalene. Journal of Catalysis, 1994, 147, 1-4.	3.1	12
136	A novel angular geometry for the sonochemical silver recovery process at cylinder electrodes. Ultrasonics Sonochemistry, 2003, 10, 217-222.	3.8	12
137	Trends in sonochemistry and ultrasonic processing. AIP Conference Proceedings, 2012, , .	0.3	11
138	Insights into the positive effects of power ultrasound on the pore solution of Portland cement pastes. Cement and Concrete Composites, 2022, 125, 104302.	4.6	11
139	Initial studies into the use of ultrasound to reduce process temperatures and chemical usage in the PCB desmear process. Circuit World, 2011, 37, 15-23.	0.7	10
140	Fatty Acid Ethyl Esters (FAEE): A New, Green and Renewable Solvent for the Extraction of Carotenoids from Tomato Waste Products. Molecules, 2021, 26, 4388.	1.7	10
141	Investigation of the consumption of diphenylpicrylhydrazyl in solution in the absence and presence of ultrasound. Journal of the Chemical Society, Faraday Transactions, 1995, 91, 1067.	1.7	9
142	Organic Sonoelectrochemistry. , 1998, , 263-300.		9
143	Sonochemical Treatment of Orange II Using Ultrasound at a Range of Frequencies and Powers. Journal of Advanced Oxidation Technologies, 2012, 15, .	0.5	9
144	Sonochemistry: Uses of Ultrasound in Chemistry and Related Disciplines. Developments in Cardiovascular Medicine, 1996, , 25-54.	0.1	9

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145	The design of ultrasonic reactors for environmental remediation. Advances in Sonochemistry, 2001, , 247-268.	0.4	9
146	Kinetics and mechanism of addition and cyclialkylation reactions of Ï‰-arylalkenes with trifluoroacetic acid. Journal of the Chemical Society Perkin Transactions II, 1973, , 1840-1844.	0.9	8
147	Controlling Emissions from Electroplating by the Application of Ultrasound. Environmental Science & Technology, 2001, 35, 3375-3377.	4.6	8
148	Through hole plating of printed circuit boards using ultrasonically dispersed copper nanoparticles. Circuit World, 2010, 36, 9-13.	0.7	8
149	A method for the determination of the activation energy for a reaction from a single kinetic run. Computers & Chemistry, 1983, 7, 159-163.	1.2	7
150	The effect of ultrasound on the gold plating of silica nanoparticles for use in composite solders. Ultrasonics Sonochemistry, 2011, 18, 37-41.	3.8	7
151	Comments on the use of loop reactors in sonochemical processes. Ultrasonics Sonochemistry, 2017, 39, 240-242.	3.8	7
152	Evaluation of Power Ultrasonic Effects on Algae Cells at a Small Pilot Scale. Water (Switzerland), 2017, 9, 470.	1.2	7
153	Jean-Louis Luche and the Interpretation of Sonochemical Reaction Mechanisms. Molecules, 2021, 26, 755.	1.7	7
154	Nature of the intermediates in the reaction of palladium chloride with olefins. Tetrahedron Letters, 1970, 11, 591-594.	0.7	6
155	The effect of temperature on the ultrasonically enhanced reaction rates of 2-chloro-2-methylpropane in aqueous ethanol mixtures. Tetrahedron Letters, 1983, 24, 4371-4372.	0.7	6
156	Sonochemistry symposium, annual chemical congress. Ultrasonics, 1987, 25, 5.	2.1	6
157	The ultrasonically induced reaction of benzoyl chloride with nitrobenzene: an unexpected sonochemical effect and a possible mechanism. Ultrasonics Sonochemistry, 2002, 9, 245-249.	3.8	6
158	The sonoelectrooxidation of thiophene S-oxides. Ultrasonics Sonochemistry, 2004, 11, 227-232.	3.8	6
159	Ultrasonic Food Processing. RSC Green Chemistry, 2010, , 387-414.	0.0	6
160	The uses of ultrasound in food processing. Advances in Sonochemistry, 1996, , 177-203.	0.4	6
161	An observation of the effect of ultrasonic power on the rates of initiation and polymerisation of N-vinylcarbazole in benzene. Journal of the Chemical Society Chemical Communications, 1991, , 1217.	2.0	5
162	Free radicals and ultrasound in chemistry and medicine. Ultrasonics Sonochemistry, 1994, 1, S131-S132.	3.8	5

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163	Double-structured ultrasonic high frequency reactor using an optimised slant bottom. Ultrasonics Sonochemistry, 2000, 7, 201-205.	3.8	5
164	Oleg Abramov 1936â€“2008. Ultrasonics Sonochemistry, 2009, 16, 439.	3.8	5
165	A reactor designed for the ultrasonic stimulation of enzymatic esterification. Ultrasonics Sonochemistry, 2019, 54, 32-38.	3.8	4
166	The uses of ultrasound for biological decontamination. Advances in Sonochemistry, 2001, , 1-23.	0.4	4
167	Copper electrocrystallization on titanium electrodes: Controlled growth of copper nuclei using a potential step technique. Physics Procedia, 2010, 3, 111-115.	1.2	3
168	THE STUDY OF ISOLATION OF EFFECTIVE COMPOSITIONS FROM TRADITIONAL CHINESE MEDICINES BY ULTRASOUND. , 1991, , 87-90.		3
169	Phenyl participation in the generation of carbocations from the reactions of some 1-methyl-Ï‰-phenylalkyl toluene-p-sulphonates and Ï‰-phenylalk-1-enes in trifluoroacetic acid. Journal of the Chemical Society Perkin Transactions II, 1975, , 1664-1669.	0.9	2
170	Ultrasonic disruption of algae cells. , 2012, , .		2
171	30ÂYears of sonochemistry links with China. Ultrasonics Sonochemistry, 2020, 68, 105173.	3.8	2
172	The use of ultrasound in microbiology. Advances in Sonochemistry, 1999, , 175-207.	0.4	2
173	Particle fusion in an ultrasonic field â€” a cautionary note. Ultrasonics, 1991, 29, 417.	2.1	1
174	Sonochemistry in Environmental Protection and Remediation. , 0, , 131-156.		1
175	Introduction to this special edition of ultrasonics sonochemistry. Ultrasonics Sonochemistry, 2015, 25, 1-3.	3.8	1
176	Observations on the heat capacity of activation (Î”Cpâ€¡) for the ultrasonically enhanced solvolyses of 2-chloro-2-methylpropane in aqueous ethanol mixtures. Journal of the Chemical Society Chemical Communications, 1986, , 611-612.	2.0	0
177	The european society of sonochemistry. Ultrasonics, 1992, 30, 144.	2.1	0
178	Preface. Ultrasonics Sonochemistry, 2011, 18, 811.	3.8	0
179	ESS12 special issue â€“ Dedication. Ultrasonics Sonochemistry, 2011, 18, 812.	3.8	0
180	For Georgy I. Eskin â€“ On the occasion of his 80th birthday. Ultrasonics Sonochemistry, 2013, 20, 1325-1326.	3.8	0